

2012-2013
Undergraduate Catalog
Western Carolina University

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Catalog Home

Regulations Subject to Change

Every effort has been made to assure the accuracy of this catalog to the extent possible at press time. However, changes in or elimination of provisions contained herein on any and all matters, including courses, course descriptions, designations of faculty, fees, and other charges, admission and degree requirements, and academic policies and procedures, may be made and applied before the next catalog is published. Students should contact the appropriate department head, dean, or other administrative office for current information.

Western Carolina University does not intend to enter into a contractual relationship with any student or other person through the issuance of The Record and does not intend to create any cause of action against the State of North Carolina, The University of North Carolina, the Board of Governors, the President, Western Carolina University (WCU), WCU's Board of Trustees, WCU's Chancellor, or any other officer, agency, agent, or employee of the state, The University of North Carolina, or WCU.

Western Carolina University is committed to equality of educational opportunity and does not discriminate against applicants, students, or employees based on race, color, national origin, religion, sex, age, sexual orientation, or disability. Moreover, Western Carolina University is open to people of all races and actively seeks to promote racial diversity by recruiting and enrolling African American, American Indian, and other minority students.

For information concerning affirmative action policies and procedures, contact the Affirmative Action Office, 530 H.F. Robinson Administration Building, Western Carolina University, Cullowhee, North Carolina 28723, 828-227-7116.

Western Carolina University publishes two issues of The Record, the Undergraduate Catalog and the Graduate Catalog. Both describe academic programs, regulations, and policies. Find an online version at: catalog.wcu.edu.

Copies of the appropriate issues are made available to students registered at the university, high school principals and guidance counselors, college and university libraries, and public and private high schools and institutions of higher learning in North Carolina. Additional copies are available from the Western Carolina University Bookstore, Western Carolina University, Cullowhee, NC, 28723, 828-227-7346.

2012-2013 Academic Calendar

Fall 2012

August 17	Friday	Residence Halls Open
August 20	Monday	All Classes Begin (8:00 AM)
September 3	Monday	Labor Day (No classes)
September 24	Monday	Fifth Week Grades Due (5:00 PM)
October 6	Saturday	Homecoming
October 15-19	Monday - Friday	Fall Break
October 30	Tuesday	Advising Day (No classes or faculty meetings)
October 30	Tuesday	Graduation Fair
October 31	Wednesday	Priority Registration Begins
October 31	Wednesday	On-line Graduation Application Opens for Spring 2013
November 2	Friday	Last day to drop a course with a "W" (5:00 PM)
November 8	Thursday	Regular Registration Begins
November 21-23	Wednesday - Friday	Thanksgiving (No Classes)
December 3	Monday	Last day for a medical, mental health, legal, or administrative withdrawal (5:00 PM)
December 7	Friday	Last Day of Classes
December 8-14	Saturday - Friday	Final Exams
December 15	Saturday	Commencement (2:00 PM) Ramsey Center
December 17	Monday	All Grades Due (10:00 AM)

Spring 2013

January 11	Friday	Residence Halls Open
January 10-11	Thursday - Friday	Orientation

January 14	Monday	All Classes Begin (8:00 AM)
January 14-28	Monday - Monday	Instructor initiated course drop and required course attendance grading in affect for all students
January 21	Monday	Martin Luther King, Jr. Birthday (No Classes)
January 28	Friday	University Census Date (5:00 PM)
February 8	Friday	Deadline to Complete On-line Application to Graduate in Spring 2013
February 18	Monday	Fifth Week Grades Due (5:00 PM)
February 26	Tuesday	Advising Day (No classes or faculty meetings)
February 27	Wednesday	Priority Registration Begins
February 27	Wednesday	On-line Graduation Application Opens for Summer 2013 and Fall 2013
March 7	Thursday	Early Registration Begins
March 21	Thursday	Last Day to drop a course with a "W" (5:00 PM)
March 25-29	Monday - Friday	Spring Break
May 3	Friday	Last day for a medical, mental health, legal, or administrative withdrawal (5 :00 PM)
May 3	Friday	Last Day of Classes
May 4-10	Saturday - Friday	Final Exams
May 10	Friday	COMMENCEMENT (Graduate Students) 7:00 pm Ramsey Center
May 11	Saturday	COMMENCEMENT (College of Arts & Sciences, Education & Allied Professions, Fine & Performing Arts) 10:00 am Ramsey Center COMMENCEMENT (Colleges of Business, Health & Human Sciences, Kimmel School) 3:30 pm Ramsey Center
May 13	Monday	All Grades Due (10:00 AM)

Summer 2013

NOTE: Pay close attention to start and end dates of various summer courses. Summer Session Term dates can be found on the Registrar's web page.

May 13-28	Monday - Tuesday	Mini-session (Drop/Add period for the mini-session ends on the second day of the class. Automatic "W" period ends on the 6th day of class)
May 13 - July 5	Monday - Friday	Assisted registration for Asheville, Karpen Hall, UNCA
May 30-31	Thursday - Friday	Registration in Cullowhee
June 3	Monday	Classes begin for 9 and First 4.5 week term (8 AM)
June 3 - August 5	Monday - Monday	9 Week Summer Term
June 3 - July 3	Monday - Wednesday	First 4.5 Week Summer Term
July 4	Thursday	Independence Day
July 5	Friday	Registration in Cullowhee (No classes)
July 5	Friday	Second 4.5 Week Term classes begin (8 AM)
July 5 - August 5	Friday - Monday	Second 4.5 Week Summer Term
Varied Dates	Last day of each course	Final Exams

Telephone Numbers

Admissions	227-7317
Colleges	
College of Arts and Sciences	227-7646
College of Business	227-7412
College of Education and Allied Professions	227-7311
College of Fine and Performing Arts	227-7028
College of Health and Human Sciences	227-7271
Graduate School	227-7398
Honors College	227-7383
Kimmel School of Construction Management and Technology	227-7368
Educational Outreach	227-7397
Food Services	227-7396
Fraternities, Sororities, Clubs	227-7206
General Student Information	227-7234
International Students	227-7494
Orientation	227-7087
Provost Office	227-7495
Registrar, Student Records, Transcripts	227-7216
Residential Living	227-7303

The University

The University

A member of the University of North Carolina, Western Carolina University offers courses in the arts, sciences, technologies, humanities, and professions. Students can elect degree programs at the bachelor's, master's, or doctoral level of study. Doctoral degrees are offered in educational leadership and physical therapy. As a regional institution, it serves the people of North Carolina from its residential campus at Cullowhee and through off-campus instruction in Asheville and other locations.

Mission

Western Carolina University creates engaged learning opportunities that incorporate teaching, research and service through residential, distance education and international experiences. The university focuses its academic programs, educational outreach, research and creative activities, and cultural activities to improve individual lives and enhance economic and community development in the region, state and nation.

Location

Western Carolina University is located in the scenic Appalachian mountain ranges at Cullowhee, North Carolina. The university consists of the main campus in Cullowhee and resident credit centers in Asheville and Cherokee. A faculty of about 675 serves a student body of approximately 9,400 in resident-credit and extension classes.

The Cullowhee campus, is in a rural valley between the Blue Ridge and Great Smoky Mountains, fifty-two miles west of Asheville and seven miles south of Sylva on North Carolina Highway 107. The location at the southern end of Cullowhee Valley in the heart of the Tuckasee River basin, gives it an unusually attractive setting. The closest commercial airport to the university is located in Asheville.

The central campus consists of about 233 acres, including beautifully wooded areas and modern academic, student residence, recreation, and athletic facilities. The Blue Ridge Parkway, Great Smoky Mountains National Park, Qualla Boundary (Cherokee), Fontana Lake, and numerous resort areas offer golfing, skiing, fishing, hunting, hiking, water sports, and other recreational opportunities nearby.

Governance

Western Carolina University, a constituent institution of The University of North Carolina, functions under the jurisdiction of the Board of Governors of The University of North Carolina and the Board of Trustees of Western Carolina University. Policies of the Board of Governors are administered by the president and the General Administration of The University of North Carolina. The Board of Trustees receives its authority by delegation from the Board of Governors.

The chancellor is the chief administrative officer of the university. The Faculty Senate, the principal policy-recommending body of the faculty, operates under the provisions of a faculty constitution and bylaws.

Accreditation

Western Carolina University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097; telephone number 404-679-4501) to award bachelor's, master's, education specialist's, and doctor's degrees. In addition to this institutional accreditation, other special accreditation by appropriate agencies includes these:

AACSB International - The Association to Advance Collegiate Schools of Business American Chemical Society
American Council for Construction Education (*candidacy status*) American Dietetic Association American Speech-

Language-Hearing Association Commission on Accreditation of Allied Health Education Programs in cooperation with the Council on Accreditation of the American Health Information Management Association, and the Joint Review Committee on Educational Programs for the Emergency Medical Professions Commission on Accreditation of Athletic Training Education Commission on Accreditation in Physical Therapy Education Commission on Collegiate Nursing Education (CCNE) Council on Accreditation of the American Association of Nurse Anesthetists Council for Accreditation of Counseling and Related Educational Programs Council of Applied Masters Programs in Psychology Council on Social Work Education Foundation on Interior Design Education Research (FIDER) National Accreditation Council for Environmental Health Science and Protection National Accrediting Agency for Clinical Laboratory Sciences National Association of Schools of Music National Association of School Psychologists National Council for Accreditation of Teacher Education National Council for Teachers of English National Kitchen and Bath Association Endorsement North American Society for Sport Management/National Association of Sport and Physical Education North Carolina Board of Nursing North Carolina Criminal Justice Education and Training Standards Commission North Carolina Department of Public Instruction Project Management Institute, Inc. Technology Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012 – Telephone: (410)347-7700. (Electrical and Computer Engineering Technology and Engineering Technology-Applied Systems Technology Concentration)

The university is a member of appropriate state and national associations and organizations to which its professional programs are related. These include but are not limited to:

Academy of Criminal Justice Sciences American Association of Colleges for Teacher Education American Association of Colleges of Nursing American Association of Higher Education American Association of State Colleges and Universities American College Dance Festival Association American Council on Education American Society of Allied Health Professions Association for Continuing Higher Education Association of Governing Boards of Universities and Colleges Association for Theatre in Higher Education College Entrance Examination Board Conference of Southern Graduate Schools Cooperative Education Association Council of Applied Masters Programs in Psychology Council of Graduate Schools in the United States Institute for International Education, Inc. International Council for Small Business Mathematics Association of America National Association of Student Financial Aid Administrators National Business Education Association National University Continuing Education Association North American Association of Summer Sessions North Carolina Academy of Science North Carolina Association of Colleges and Universities North Carolina Bar Association North Carolina Political Science Association Southeastern Theatre Conference Southern Atlantic States Association for Asian and African Studies Southern Regional Education Board Southern States Communication Association Speech Communication Association United States Distance Learning Association United States Institute for Theatre Technology

Undergraduate Academic Programs Offered at WCU

A varied academic program is offered by the university's eight colleges. Through the Graduate School and the academic program colleges, the university offers graduate degree programs in numerous major areas leading to the master of accountancy, master of arts, master of arts in education, master of arts in teaching, master of business administration, master of entrepreneurship, master of health sciences, master of physical therapy, master of music, master of social work, master of project management, master of public affairs, master of school administration, master of science, master of science in nursing, the education specialist in educational leadership, the education specialist in school psychology, master of fine art and the doctor of education. Complete information about the degrees listed above is available in the Graduate Catalog of The Record.

The six academic program colleges of the university offer programs leading to the bachelor of art, bachelor of fine arts, bachelor of music, bachelor of science, bachelor of business administration, bachelor of science in education, bachelor of science in nursing, bachelor of science in social work, and bachelor of science in electrical engineering.

The College of Arts and Sciences. Bachelor of arts with majors in anthropology, English, German, history, international studies, philosophy, political science, sociology, Spanish, and special studies.

Bachelor of science with majors in anthropology, biology, chemistry, communication, computer science, environmental science, forensic science, geology, history, mathematics, natural resources management, political science, sociology, and special studies.

The College of Business. Bachelor of science in business administration with majors in accounting, business administration and law, computer information systems, entrepreneurship, finance, management, and marketing, and bachelor of science in sport management, hospitality tourism, management and entrepreneurship.

The College of Education and Allied Professions. Bachelor of science in education with majors in elementary education, general special education, middle grades education, and health and physical education.

In collaboration with the College of Arts and Sciences and the College of Fine and Performing Arts: Bachelor of science in education with majors in art, comprehensive science, English, mathematics, music, social sciences, and Spanish.

Bachelor of science with majors in birth-kindergarten, parks and recreation management, psychology and special studies.

The College of Fine and Performing Arts. Bachelor of arts with majors in art, music, stage and screen and special studies. Bachelor of fine arts with majors in art, theatre, and motion picture and television production and a concentration in art education. Bachelor of music with music education, music performance and commercial and electronic music as concentration areas. Bachelor of science in interior design.

The College of Health and Human Sciences. Bachelor of science with majors in athletic training, communication sciences & disorders, criminal justice, emergency and disaster management, emergency medical care, environmental health, health information administration, nutrition and dietetics, recreational therapy, and bachelor of science in nursing, and bachelor of social work.

The Honors College. Western Carolina University's Honors College, founded in 1997, was the first in North Carolina. The Honors College is a community of high-achieving students who participate in honors courses, special research with faculty, and social activities (planned by a student board). Open to all majors at WCU, the college accepts qualified new students (freshmen or transfers) and students already enrolled at Western. Accepted students are invited to live in the Honors residences (Balsam and Blue Ridge Halls.) Completion of honors work leads to a special diploma from The Honors College. Additional information is available at <http://honors.wcu.edu>.

Kimmel School of Construction Management and Technology. Bachelor of science with majors in construction management, electrical and computer engineering technology, and engineering technology. Bachelor of science in electrical engineering with a major in electrical engineering. The electrical engineering program is a joint program with UNC-Charlotte. Various minors and certificate programs are also offered in construction management engineering & technology.

The Academic Calendar

Western Carolina University operates on an academic year of two semesters of fifteen weeks each. Additionally, a full array of programs and activities is offered during the summer term. Day classes are scheduled Monday through Friday. Night and Saturday classes, usually meeting once a week, are available in Cullowhee, Asheville, Cherokee, and various other locations. Commencement exercises are held at the end of the fall and spring semesters.

Undergraduate Study at Western Carolina University

Hunter Library

The Hunter Library provides high quality information support services to students, staff and faculty as its primary mission. Librarians provide both individualized research assistance and classroom instruction. The library is open more than 96 hours per week during the regular Fall and Spring semesters. The library's vast digital resources are available online 24 hours a day, seven days a week. The collections and services that support student and faculty research include:

- Main book collection consisting of over 700,000 books and bound periodicals. This collection is augmented by a cooperative agreement with UNC Asheville and Appalachian State University through the use of a

- shared online catalog and delivery service. Students can readily borrow items from these other libraries and generally receive them in 2 days or less. The combined collection is over 2 million volumes.
- 200+ electronic databases and 45,000+ electronic journals that can be accessed remotely
 - Free document delivery service that provides access to articles from approximately 25,000 journal titles that can be accessed remotely.
 - Electronic reserves collection that can be accessed remotely
 - 1,200 print journal subscriptions
 - Free interlibrary loan service for all students and faculty
 - Microfiche collection of 1.5 million pieces
 - Government documents providing access to over 227,000 government documents representing both the Federal government and the North Carolina government
 - Special Collections containing manuscript collections, books, photographs and other resources documenting the history of Western North Carolina and Southern Appalachia, the history of the Cherokee Indians, and literary works and papers of Western North Carolina authors
 - The Map Room collection contains more than 122,000 sheet maps and an extensive collection of digital mapping data with Geographic Information Systems (GIS) technology to support it
 - Media Collection, an extensive collection of CDs, videotapes, DVDs and other media in its Curriculum Materials Center (CMC)
 - Curriculum Materials also maintains collections of state-adopted textbooks, curriculum guides, children's literature and other classroom instructional materials in support of the university's professional education programs

Service and Research Centers

Faculty members and students participate in a wide range of service and research activity. The university's service centers add impetus to the programs of the colleges and departments and provide significant assistance to the region in which the university is located.

Center for Rapid Product Realization. The mission of the Center for Rapid Product Realization is to match the Kimmel School of Construction Management and Technology's resources of laboratories, faculty and students with the needs of Western North Carolina. The goal of this engagement is to grow and transform the region's economy, to enhance student learning through real project experience, and to improve the quality of life. The RAPID Center has special expertise in four areas: rapid prototyping, adaptive technology, intelligent sensors and optoelectronics. The Center in collaboration with the SBTDC and Center for Entrepreneurship and Innovation serves as the US Economic Development Administration University Center for North Carolina. Faculty/student projects, particularly the two semester senior capstone projects, are one of the principal avenues for interacting with the WNC community. Projects include improvements to wheelchairs, sensors to help persons with dementia, new products for the Christmas tree industry, rehabilitation devices for children and the elderly and devices to help men and women of U.S. Army Special Forces. Commercialization of technology is the central theme of these regional and statewide initiatives. To see more student/faculty projects and get more information on the Rapid Center's laboratories, go to <http://rapid.wcu.edu>.

Center for Service Learning. The Center for Service Learning helps WCU students, faculty, and staff find service opportunities in the region. The office plans and promotes volunteer opportunities, facilitates course-based service learning projects, and helps arrange mandated community service for students who violate the University's code of conduct. Service opportunities are available at over 120 community agencies, and include many types of projects. Through service learning, students can improve their understanding of course content, meet community needs, develop career-related skills, and become responsible citizens. Each year, there are more than 100 courses with service learning components, spread across every college and school of the University.

Center for the Support of Beginning Teachers (CSBT). Housed in the College of Education and Allied Professions, the Center addresses the need for an adequate supply of highly qualified teachers by supporting the professional development of beginning teachers and their transition to the classroom. CSBT builds upon established partnerships,

programs, and past grant-funded initiatives by consolidating and formalizing new teacher support. For more information, please visit: <http://www.wcu.edu/7585.asp>.

Department of Veterans Affairs (VA) Educational Benefits. Western Carolina University is approved under the provisions of Title 38 United States Code, Chapter 36, to receive and process VA education benefits. Persons eligible and entitled under provisions of Chapters 30, 31, 33, 35 and Sections 901 and 903, and Title 10 United States Code, Chapters 1606 and 1607 may enroll in programs approved by the North Carolina State Approving Agency. All inquiries concerning Veterans Affairs educational benefits should be addressed to the VA Certifying Official, Military Student Services, 138 Camp Building, Western Carolina University, Cullowhee, North Carolina 28723, telephone 828-227-3022/2135.

Disability Services. The Office of Disability Services facilitates the determination of appropriate accommodations for students with disabilities. Accommodations are determined on an individual basis and may include but are not limited to testing accommodations, sign-language interpreters, note takers, books in alternate formats, adaptive equipment and software, and priority registration. To receive services, students must submit current documentation of a disability. Self advocacy training, career advisement, awareness activities, and accessibility monitoring are also features of the office. Dr. Lance Alexis, Director, 828-227-2716. <http://disability.wcu.edu>

Highlands Biological Station. The Highlands Biological Station (HBS) is a field station for biological research and education focused on southern Appalachian ecosystems and organisms. Founded in 1927, HBS has been an Inter-institutional Center of the University of North Carolina since 1976. Western Carolina University has provided UNC administrative services for the Station since 1981. Thirty regional colleges and universities also participate in the Station's programs as member institutions.

HBS is located on the Blue Ridge Escarpment about 30 miles south of Cullowhee in the town of Highlands, North Carolina. The topography, latitude, and high rainfall of the area combine to yield extremely rich biotic and environmental diversity, making the Station an ideal locale for field studies in environmental biology, conservation, aquatic ecology, population biology, community and ecosystem ecology, and systematics. Its facilities are open to students and senior investigators engaged in research on the organisms and environments of the southern Appalachian region. Station facilities include housing (38 beds in several residences), a dining hall, well-equipped research space, and teaching classrooms and laboratories. The campus also includes the Highlands Nature Center, which offers educational exhibits and K-12 and public programs, and the Highlands Botanical Garden, which features hundreds of native plant species in a variety of southern Appalachian habitats.

Each summer HBS offers up to a dozen one- to two-week courses and workshops, taught at the advanced undergraduate and introductory graduate levels. Academic credit through WCU or UNC-Chapel Hill is available for most courses and workshops. Limited financial aid is available for courses, and a grant-in-aid program also provides financial assistance to graduate students conducting thesis research on the biota of the region. Since 2001 the Station has hosted a fall semester-in-residence undergraduate program in environmental biology in cooperation with the Carolina Environmental Program at UNC-Chapel Hill. WCU students majoring in biology or environmental sciences are encouraged to apply to this unique program.

To learn more about the programs, courses, and research opportunities at the Highlands Biological Station, see the HBS website (<http://www.wcu.edu/hbs>) or write to Dr. James T. Costa, Executive Director, Highlands Biological Station, 265 N. Sixth Street, Highlands, NC 28741.

Information Technology. The Division of Information Technology is responsible for providing technology assistance, information and services in support of Western's mission and aspirations. These services include providing information resources to students, faculty, staff and administration to support teaching, learning, research, administrative and regional engagement efforts. Information Technology provides advice, planning and technical guidance for the appropriate use of technology in support of the university's educational endeavor. Information Technology is located in various campus buildings with assistance available at many of Western's facilities beyond the Cullowhee campus. The university is an active member of EDUCAUSE, a nonprofit association whose mission is to advance higher education by promoting the intelligent use of information technology.

Information Technology has over 70 staff and is comprised of the following units: The Office of the Chief Information Officer, IT Administration, Academic Engagement & IT Governance, Applications & Systems, Chief Technologist & IT Security Office, Coulter Faculty Commons, Networking & Communications, Project Management, and IT Finance, HR, & Procurement.

The university uses a state-of-the-art administrative system that allows students and faculty to do virtually all of their business with the university, such as register for courses or post grades, online. All students receive a WCU email account that allows them to communicate with their peers, faculty members, and university offices. The My Cat portal is the primary tool used by students to access email and other campus and course related information. Blackboard is the primary instructional delivery system in support of traditional classroom and online courses.

There are over 3,000 microcomputers in offices, classrooms, and lab facilities all with connections to high speed broadband networks. Students enjoy high-speed network connectivity from their residence hall rooms, with two ports per room, or from the wireless network available throughout the Cullowhee campus. There are three general student computer lab facilities which are open at least fifty hours per week. The Technology Commons located in Hunter Library is open the same hours as the library, including 24 hours a day during the fall and spring final exam weeks. Users may call the Information Technology Help Desk locally at 227-7487 or 866-928-7487, email ithelp@wcu.edu, or use the Online Help Desk/Self-Service Log-In: <http://ithelp.wcu.edu> for assistance with any Information Technology service or resource. Users may also visit the Technology Commons for in-person help. Visit the Help Desk web site online at <http://www.wcu.edu/27156.asp> and the Technology Commons web site online at <http://www.wcu.edu/27270.asp> to learn more about services available. Faculty routinely work with the Coulter Faculty Commons to integrate technology into their teaching activities. Visit their web site online at <http://www.wcu.edu/7062.asp>.

Information Technology supports both Windows and Macintosh operating systems along with various software applications including a focus on Microsoft Office products. Office products are provided for faculty, staff and students along with upgrades for the Windows operating system. Information Technology also provides computer virus protection software to all students, faculty, and staff and is committed to keeping computers safe, secure and current in a highly networked campus computing environment. Many software packages are centrally licensed with a limited number of licenses available in labs and classrooms. Statistical packages include SPSS and SAS which is provided by a grant by the SAS Institute. Other specialized software found in labs include digital media editing, geographical information system, and engineering design programs.

The campus network interconnects with the North Carolina Research and Education Network (NCREN), which provides WCU access to interactive videoconferencing as well as a very high speed network path to the Internet (655-megabit). IT's Web Services unit supports the WCU web site at <http://www.wcu.edu> and provides the campus with web publishing assistance by providing departmental access to the Red Dot Content Management System. The Division of Information Technology (DoIT) web site at <http://doit.wcu.edu> provides a variety of useful technology information and self-help resources, as well as links for downloading software for personally-owned computers and accessing computer purchasing information.

Mountain Heritage Center. The center collects, interprets, and disseminates knowledge about the southern Appalachian region and its people. Its research and artifact collections promote public awareness of the region's rich natural and cultural heritage using publications, exhibitions, and demonstrations presented both on campus and throughout western North Carolina. The center also collaborates with public schools in preparing programs for educational enrichment and provides a learning experience for university students through internships.

Myron L. Coulter Faculty Commons for Excellence in Teaching and Learning. The Coulter Faculty Commons, founded in 1988, provides comprehensive support for all part and full-time faculty and Graduate Teaching Assistants in teaching, learning, research, and engagement. Located in Hunter Library, the CFC's mission includes the advancement of research and innovation, the enhancement of student learning, the facilitation of effectiveness in instructional technology, the planning and implementation of events/ professional development opportunities, and the implementation of Western's Quality Enhancement Plan and UNC Tomorrow. Graduate students and faculty who participate in CFC activities receive a letter in the spring detailing their participation to show evidence of professional

development in teaching, research, and/or engagement.. For more information, visit the CFC website at <http://www.wcu.edu/7062.asp>.

Activities and services most relevant for GTAs include:

- One-on-one consultation and workshop opportunities on course design, syllabi, learning objectives, active learning, and effective teaching and learning strategies
- One-on-one consultation and workshop opportunities for research design, methodology, and assessment.
- The Faculty Sandbox, a digital media computer lab, a place where faculty and GTAs can develop instructional media (sandbox.wcu.edu)
- GATE Program (Graduate Assistant Teaching Experience), a series of workshops and other activities designed to provide professional development in teaching and learning
- Weekly Newsletters with news, opportunities, and best practices in teaching and learning
- Training opportunities for using the LMS (Learning Management System) for instruction
- Support for the use of research software, including ArcGIS, Qualtrics (a survey tool), SPSS, SAS, and STATA.
- Support for research across the Boyer model, including the Scholarship of Teaching and Learning and the Scholarship of Engagement

The Coulter Faculty Commons can be reached at 828-227-7196.

New Student Orientation. To make the transition to college life easier, Western offers orientation programs for new students and their families. Students attending orientation have a chance to meet other new students, talk to their professional academic adviser, and register for their classes. Orientation is the time for students and family members to become familiar with the academic demands of the university, to meet the faculty, and to learn more about the concerns that accompany campus life. For more information, call 828-227-7735.

Office of Special Programs/Teaching Fellows Program. The Office of Special Programs/Teaching Fellows Program in the College of Education and Allied Professions assists in organizing special events in the college (e.g., student recruitment activities, scholarship awards) and coordinates the North Carolina Teaching Fellows Program for the university.

School-University Teacher Education Partnership (SUTEP). SUTEP, housed in the College of Education and Allied Professions, partners with more than 100 schools in the 18 western North Carolina school systems. These partnerships are designed to enrich school-university relationships, strengthen teacher preparation, and provide professional development for teachers and school administrators.

Southern Appalachian Biodiversity and Ecology Center (SABEC). Faculty and students in Biology and Natural Resources Conservation and Management collaborate with Highlands Biological Station, regional groups, and public schools in education, research, and outreach focused on ecology and biotic diversity in the mountain ecosystems of western North Carolina and surrounding areas.

Speech and Hearing Clinic. The Speech and Hearing Clinic's (SHC) fundamental mission is to provide quality clinical education for undergraduate and graduate students majoring in the discipline of communication disorders. As a critical adjunct, the SHC provides diagnostic, treatment, and consultative services to citizens with known or suspected speech, language, and/or hearing disorders in its catchment area of western North Carolina. The SHC also strives to serve as a community resource for allied professionals and agencies requiring information about human communication and its disorders. The center derives its strength from a combined academic/clinical orientation that directly fosters the delivery of state-of-the-art services. The SHC's services are available to persons of all ages. In addition to traditional speech/language/hearing services, the SHC offers the following:

- hearing aid evaluation and dispensing
- otoacoustic emission diagnostic testing
- brain stem evoked response screening for newborns
- augmentative communication evaluation

- interdisciplinary evaluation
- assistance with assistive technology
- training on various topics related to communication disorders

Student Support Services (<http://www.wcu.edu/49.asp>) is a comprehensive academic support program which assists eligible students in choosing and working toward their academic, career, and personal goals with programs tailored to meet individual needs. Services include academic advising, career and personal counseling, mentoring, and tutoring. Students may qualify for all free services if they meet one of the following criteria: they are first generation college students; OR they have a documented disability; OR meet U.S. Department of Education income guidelines.

The Small Business and Technology Development Center at Western Carolina University (SBTDC at WCU) The SBTDC center at WCU is staffed by eight dedicated business professionals who provide comprehensive business counseling for small to medium-sized companies. These counselors serve the 14 western counties of North Carolina through two convenient locations at Western Carolina University and downtown Asheville.

Most business owners or their executives come to the SBTDC initially for confidential counseling to assess their business and develop a plan to make their business better. Together, the counselor and company select tools to implement that plan -- financial analysis, market studies, focus groups, strategic needs assessments, government procurement assistance, and/or strategic planning retreats to name a few. Should funding be needed, the SBTDC is an approved technical assistance provider for North Carolina and the SBA programs. For companies involved in scientific research & product development, we assist with federal SBIR and STTR grants.

As a program of the university system, the SBTDC strives to leverage the assets of WCU to benefit businesses in the region. Last year, over 100 students from WCU were placed into applied learning projects designed to assist companies improve and grow. These projects provide a hands-on learning experience for students and much needed resources for businesses.

Academic Advising Center

The Advising Center works with all newly admitted students in academic advising, course scheduling, and selection of a major. Upon the declaration of a major, students are advised in their academic department; however, their academic advisor in the Advising Center will continue to work with them in areas of university policy and personal academic advising as well as offering programs for students in academic difficulty. As a unit within the Office for Undergraduate Studies, the Advising Center works closely with other units such as the Career Services/Cooperative Education Office to assist students with career planning, the Writing and Learning Commons and the Math Tutoring Center to assist with academic support, as well as the Academic Success Program, First Year Experience, and the Center for Service Learning.

Academic Success Centers

The academic success centers consist of the Mathematics Tutoring Center and the Writing and Learning Commons. Tutoring services are available during fall, spring, and summer terms and are offered to enrolled students without charge.

Career Services/Cooperative Education Office. The Career Services/Cooperative Education Office is multi-faceted and student service oriented. We are committed to providing up-to-date services which: assist in career/major decision-making; promote career experiences, and job search learning; and then facilitate contact with employers and graduate schools.

Activities/services include the following:

* On campus student employment (<http://wcu.edu/27240>) * JobCat and other assessable job listing programs * individual conferences with career counselors * vocational and interest testing, both on-line and in person * cooperative

education and internship programs * resume and cover letter critiquing service * an on-line mock interview program * a career library with a university-wide computer aided career guidance program * career events The Career Services Cooperative Education Office is located on the 2nd Floor Killian Annex. For more information (<http://careers.wcu.edu>).

International Programs and Services. The Office of IPS serves WCU students, faculty and staff with Study Abroad Programs, International Student Services, Faculty-led Travel Courses, International Faculty Visas, and the Intensive English Program. Advising and pre-departure orientations are available for the International Student (ISEP), the University of North Carolina (UNC-EP), and WCU bilateral exchange programs. For incoming international students, IPS provides an on-campus orientation, visa documents and counseling, student support services, and Host Family Association. Faculty-led travel courses are coordinated through IPS, and international faculty and visiting scholar visas. The Intensive English Program (IEP) provides English competency training before starting an academic program in the U.S. IPS also coordinates the K-12 International Outreach Program; Phi Beta Delta Honor Society for International Scholars; international university linkages; International Education Week; International Festival; and the Study Abroad Fair. Call (828) 227-7494.

Mathematics Tutoring Center. The Mathematics Tutoring Center provides tutoring in all lower-division mathematics courses and computer science classes, and can assist with mathematical content in courses outside the Mathematics and Computer Science Department. Student peer tutors and graduate assistants are available on a drop-in basis to provide assistance with homework, review concepts, help with math study skills and exam preparation, and answer questions about math courses. Individual, regularly scheduled tutoring appointments can be arranged. The center offers workshops on strategies for success in the study of mathematics and the use of graphing calculators, and has a library of supplementary textbooks for student use. Visit the center's web site at <http://www.wcu.edu/8473.asp> or call 828-227-2300 for information.

Testing Services. The Continuing Education Testing Center oversees administrations of a variety of tests. Testing includes TEAS, SAT, CLEP, DSST and MAT and other national exams. The Center also serves as a testing site for a variety of high-stakes/professional exams and is an approved site for proctored testing for distance learners. Each test will have specific requirements for registration. For a list of all testing and requirements, visit the website <http://testing.wcu.edu>.

Writing and Learning Commons (WaLC). The Writing and Learning Commons seeks to enhance the academic environment and raise the level of academic discourse at WCU by providing tutoring, academic skills consultations, workshops, online learning resources, and faculty consultations. Writing Assistants collaborate with students from all classes and majors at every stage of the writing process, from brainstorming and prewriting to drafting and revising. Course tutors facilitate collaborative group sessions and offer strategies for effective study. Academic Skills Consultants conduct in-class workshops and one-on-one consultations focused on improving students' reading, note taking, time management, test preparation, and test taking skills. Call 828-227-7197 for writing appointments and 828-227-2274 for course tutoring and academic skills consultations. Visit the website, <http://walc.wcu.edu>, for additional learning and writing resources, hours of operation, and appointment information. All consultations and tutoring sessions take place in the WaLC or in designated classrooms on campus. Distance students and students taking classes in Asheville are encouraged to use Smarthinking, an online tutoring service available via Blackboard, and WaLC's online resources.

Educational Outreach

Through the Division of Educational Outreach, the teaching resources of the university are made available to the residents of the region and the state. The division promotes and coordinates noncredit and off-site credit courses and programs and manages distance learning offerings. Many workshops, institutes, conferences, seminars, and short courses are available for Continuing Education Unit (CEU) credit.

WCU Programs at Biltmore Park and the WCU Cherokee Center provide resources and support to students and community members.

. Western Carolina University offers a broad range of instruction at the graduate level and a limited number of advanced undergraduate degree programs in specialized areas in Asheville. The graduate programs of instruction,

intended primarily for the adult professional student, are taught late afternoons, evenings and weekends. The nursing programs are primarily taught during the day. The WCU Programs at Biltmore Park office is located in Suite 355 and the Nursing office in Suite 309 at 28 Schenck Parkway in Biltmore Park, Asheville, NC, 28803, 828-654-6498 (administrative office) and 828-654-6499 (nursing). Websites: biltmorepark.wcu.edu and nursing.wcu.edu.

Western offers the accelerated BSN option (ABSN) designed specifically for bachelor's prepared or post-baccalaureate individuals; and the RN to BSN and RN to MS (N) options designed for graduates of an associate degree in nursing. The RN to BSN, RN to MS (N) are offered online.

The BS in engineering technology is offered on a part-time basis for individuals who hold an associate of applied science degree in a technology-related field and are employed in business or industry. Instructional delivery is a combination of live classes supplemented by an online component. Live classes meet on the main campus of Asheville-Buncombe Technical Community College.

For a complete list of undergraduate degree programs, graduate degree programs, and certificate and licensure programs offered in Asheville, please visit the WCU Programs at Biltmore Park website, <http://biltmorepark.wcu.edu>. Students enrolled in some graduate programs will need to enroll in some coursework offered in Cullowhee.

Western Carolina University Center in Cherokee. The Western Carolina University Center in Cherokee was established in 1975 in cooperation with the tribal government of the Eastern Band of the Cherokee Indians. The center offers pre-admissions counseling, academic advisement, financial aid, and study skills development services in addition to courses leading toward academic degrees and non-credit courses. The center serves Cherokee and the surrounding communities and is available to all of the people of the region and serves anyone interested in attending any college or post-secondary institution. The office for the Cherokee Center is located on 1594 Acquoni Road, 828-497-7920, next to the Cherokee Youth Center.

Distance Learning. Division of Educational Outreach collaborates with the academic colleges, Information Technology, university student service units, community colleges and businesses to provide programs to distance learners. Distance learning extends the boundaries of the university by using a variety of telecommunications technologies in the online and off-campus delivery of UNC approved distance programs. There are occasions when students may meet in a regular classroom setting or on Saturdays for clinical activities at distant instructional sites. Distance learners may be required to attend an orientation on the campus of Western Carolina University or at an outreach site.

The University Experience Course. The University Experience course introduces students to the online learning environment using WCU Blackboard. The course focuses on online student services, helps students develop specific skills necessary for success in an online course, and creates a community of learners. The course was developed to serve students enrolled in distance learning programs or students enrolled in special offerings delivered in partnership with the Division of Educational Outreach.

Military Education. Western Carolina University's Office of Military Student Services provides support and guidance to students who are serving, or have served, in the military in any capacity, and the family members of these students. This support and guidance is provided from the point of inquiry through graduation. To ensure that military students are receiving prompt service and accurate information, the Office of Military Student Services coordinates regularly with the Advising Center, and with the offices of Undergraduate Admissions, the Registrar, Financial Aid, Student Accounts, Residential Living, and with the Graduate School. The Office of Military Student Services also works frequently with on and off campus government and private agencies, including Western Carolina University's Counseling Center, the Veterans Administration Hospital in Asheville, the American Council on Education, the Service members Opportunity College, NC county-based Veterans Service Officers, and various volunteer and non-profit veteran support organizations. Our office provides comprehensive support to military students on a wide range of issues, including transfer credit, credit for training and experience, residential living, acclimation to university life, and other issues that affect military students. Additionally, we process all student requests to use Military Tuition Assistance and VA/GI Bill Education Benefits.

Alpha Sigma Lambda and Malcolm J. Loughlin Scholarship. Alpha Sigma Lambda is the premier national honor society for adult learners. The Society was founded in 1946 as a way to recognize the academic success of adult students, many of whom achieved academic excellence while juggling the responsibilities of work, home and family. Western Carolina University became the 300th chapter of the society in 2004.

The scholarship was established in recognition of the many contributions of Malcolm Loughlin, to the university, the division, and the community of students for whom he served as a teacher, mentor, and friend. The scholarship is presented to an adult student in his/her junior year that has demonstrated attributes consistent with those of Malcolm and has met the academic standards worthy of induction into Alpha Sigma Lambda. Special consideration is given to global perspective and community outreach activities of the scholarship candidates.

Summer Sessions. A full summer academic program at the graduate and undergraduate levels is offered in Cullowhee, Asheville and on-line. Special short courses, workshops, and institutes in a number of subjects are available at these locations and in Cherokee. Visit the website at <http://summer.wcu.edu> for more information.

The Outreach Center. The division manages a conference and training center, which is equipped with classrooms, computer labs, and interactive video facilities. The center serves businesses, agencies, and schools in Western North Carolina with continuing professional education workshops and retreats.

Conferences. The division provides support for educational conferences, camps and special events and is the facilitator of faculty led conferences on campus. Several annual conferences are held each year on campus with expert faculty from Western Carolina University and from throughout the U.S. Experienced staff can help develop budgets; assist in program planning; secure appropriate facilities; arrange for lodging, meals, banquets, and tours; provide brochure design, printing, and mailing service; handle registrations; and manage financial details. Conference participants may be housed in campus facilities or off-campus commercial settings, depending on the university calendar and the preference of sponsors.

Continuing Professional Education. With the rapid explosion of new knowledge and technologies, up-to-date information is vital for today's professional. A wide range of opportunities is available for continued learning in many fields. These include both online and face to face opportunities. There are non-credit opportunities for recertification or certification in a variety of fields including nursing, project management, and drug and alcohol. Programs can be tailored to meet specific organizational needs and to assist in corporate training efforts at any site.

Other Offices and Services

Research Administration. The Office of Research Administration (ORA) provides comprehensive support services for faculty and students seeking external funding for research from public and private sources. These support services include assistance with project planning, funding searches, proposal development, internal and external electronic submission processes, budgeting, human and animal subject research, project administration and compliance.

Office of Institutional Planning and Effectiveness. The Office of Institutional Planning and Effectiveness (OIPE) is responsible for coordinating the university's institutional research, strategic planning, accreditation, and assessment activities. OIPE is responsible for the university's state and federal reporting obligations, assists university departments with surveys, and provides university statistical information requested by other agencies. Visit the OIPE website at <http://oipe.wcu.edu>.

Division of Advancement and External Affairs

The Division of Advancement and External Affairs is responsible for the University's comprehensive public relations, communications and marketing programs, creative services, photographic services. Public relations, publications, and media services, including electronic and print communications, promotions, imaging, and positioning; alumni affairs; and development of private financial resources beyond state appropriations. The division supports student recruitment and serves as the university's liaison with alumni; regional, state, and national organizations; and government agencies.

The division includes the offices of Communications and Public Relations, Creative Services, Development, Alumni Affairs, and Regional Affairs; and the Mountain Heritage Center. The division administratively houses the Western Carolina University Foundation, chartered in 1971 to promote University goals and private-sector fund-raising.

Office of Communications and Public Relations. The Office of Communications and Public Relations is responsible for the administration of University programs in public information, media services, publications, and web-based public information services. It is the liaison between University personnel and the news media, including newspapers, radio and television stations, and coordinates the planning, design, and production of all University publications, including the Western Carolina University magazine, exhibits, and displays, including those in electronic formats. It is responsible for producing or arranging for production of all University film, video, electronic media, and slide-tape presentations intended for the public.

Social Media and Events Calendar. The Office of Communications and Public Relations works with units across campus to integrate social media into the university's communications and marketing strategies. Faculty and staff receive help with university-related social media activities including blogging, friending, tweeting, flickering, podcasting, vlogging and youtubeing; developing a strategy for using these relationship-building tools; collaborating with colleagues; and exploring ideas.

Office of Creative Services. The Office of Creative Services designs and produces distinctive communications tools for the purpose of promoting awareness of and appreciation for the University's numerous programs and partnerships.

Marketing, Event Planning and Management. The Office of Marketing, Event Planning and Management coordinates promotional efforts for public events that enhance the University as a cultural destination through a full range of event planning and marketing services.

Foundation. The Western Carolina University Foundation is the primary volunteer organization engaged in cultivating and directing significant private resources to the University.

Office of Development. University Policy #55 assigns the Office of Development responsibility for private-sector fund-raising on behalf of University units and programs. The Office of Development receives, records, receipts, and acknowledges all private gifts to the University; conducts annual fundraising activities for support of academic and other programs; and guides and coordinates the systematic pursuit of major and planned gifts. Any fundraising activities for voluntary contributions from individuals, corporations, foundations, or philanthropic agencies conducted on behalf of the University or any unit thereof must be coordinated through the Office of Development.

Office of Alumni Affairs. The Office of Alumni Affairs maintains all alumni records; organizes and coordinates meetings of alumni groups, alumni reunions, and alumni homecoming activities; works directly with the Board of Directors of the Western Carolina alumni associations and Western Carolina clubs (alumni chapters); assists with publications and all electronic communications with alumni; and in general serves as a communications link and support structure for alumni.

Office of Partnership Development. The Office of Partnership Development for the WCU Millennial Initiative is responsible for exploring and developing outside/ external partner proposals and opportunities for the Millennial Initiative. The Office works closely with the Millennial Initiative Policy Group (MIPG) in developing and coordinating policy interpretations and business practices relating the Millennial Initiatives and external partners.

Mountain Heritage Center. The center collects, interprets and disseminates knowledge about the southern Appalachian region and its people. The center's research and artifact collections promote public awareness of the region's rich natural and cultural heritage using publications, electronic media, exhibitions, presentations, and demonstrations both on campus and throughout Western North Carolina. The center also collaborates with public schools in preparing programs for educational enrichment and provides a learning experience for university students through internships, work study and co-op opportunities.

North Carolina Center for the Advancement of Teaching

The North Carolina Center for the Advancement of Teaching (NCCAT) was established by the General Assembly of North Carolina in 1985 as a statewide center to recognize and support outstanding North Carolina pre-kindergarten through twelfth-grade public school teachers and to enhance teaching as an art and profession with the ultimate goal being the retention of high quality teachers in the classroom. A center of The University of North Carolina, NCCAT is

governed by a board of trustees, and its programs and activities are conducted by a professional staff of faculty and administrators.

Student Life and Services

Services are provided at Western Carolina University to further each student's academic and social development. The Division of Student Affairs has general responsibility in this area, and its functions include providing comfortable housing, offering counseling services and health care, and enhancing the college environment with recreational and leadership activities. The Division's website is available at <http://dsa.wcu.edu>.

On-Line WCU Student Handbook

Available at <http://studenthandbook.wcu.edu>, the WCU Student Handbook provides convenient links to Western Carolina University policies, procedures, and support for students, as well as general information about the University, and much more. The Student Handbook supplements the information found in this catalog.

The university's residence halls are an integral part of campus life, offering a variety of experiences that contribute to intellectual, personal, and social development. The residence halls are staffed by Resident Directors and professionals responsible for both the residential community as well as each student's personal growth and development.

The residence halls are open to all students, undergraduate and graduate, to the extent available. Freshmen and some transfer students are required to live on campus. This requirement may be waived if the student is married or lives with parents in a county contiguous to Jackson County. For full details regarding the residency requirement, please read University Policy #96 at <http://www.wcu.edu/25379.asp>.

A variety of accommodations are available including, private and double rooms, suite style buildings, and graduate housing. Each room is furnished with computer data ports, single beds, study desks, chairs, dressers, and closets. Students provide their own pillows, bed linens, towels, lamps, clocks, wastebaskets, and telephones. (A list of suggested items to bring can be found on the Residential Living website.) Cable television is provided in student rooms, as well as designated public areas. Other amenities include vending machines, washers, and dryers. Mail service is provided to all residential students at the Student Mail Center located in the University Center. Mailing addresses are assigned by the Department of Residential Living and will be provided when students receive housing assignments.

Please visit <http://housing.wcu.edu> to learn much more about Residential Living and life in the residence halls at Western Carolina University.

Off-Campus Housing

Students that are eligible under University Policy #96 to live off-campus and choose to do so, are responsible for making those arrangements and the associated obligations. While the University does not endorse any off-campus housing, an on-line service is available to help University community members explore off-campus options: <http://offcampushousing.wcu.edu/>.

Dining Services

Please review the Dining Services website at <http://wcudining.wcu.edu> for comprehensive information about eating on-campus.

Food service may not be provided when dining locations are closed during holidays and other periods when the university is not in session.

Students living in university residence halls are required to purchase a campus meal plan each semester. Participation in a food service plan is optional for commuting students. Special dietary requirements are accommodated by contacting WCU Dining at 227-7396.

A variety of programs, activities, and services identified with everyday living are available on campus. Students are encouraged to choose and participate in co-curricular activities wisely and balance them with their academic endeavors. The student activity fee helps to support many of these activities and services as well as a number of cultural programs. The fee also supports the campus media including the radio station, newspaper, literary magazine, and student television station.

Student organizations are recognized as an important part of the educational process. More than two hundred recognized campus organizations provide students opportunities to explore their religious, political, professional, social, or special interests and to be recognized for their academic and personal achievements. Learn more about the ways students can get involved on-line at <http://www.wcu.edu/12.asp>.

Student Government. The Student Government Association (SGA) is an active, vital part of the university community. Each student has the right to vote in all student elections and may participate in SGA by running for office or by applying for an appointed position. The SGA appoints voting members to various University committees, and the president of SGA is a member of the University's Board of Trustees. Visit the SGA website at <http://sga.wcu.edu> for more information.

A.K. Hinds University Center. The University Center (UC) is your gateway to involvement at WCU! From programs and student organizations to dining options and conference rooms, the UC is the central facility for student participation! The UC provides a wide range of services, programs, and organizations aimed to improve student involvement and to provide a well-rounded collegiate experience for students. The A.K. Hinds University Center provides an inclusive student-centered community that supports and encourages student learning, leadership opportunities, personal development, and active learning, in a caring atmosphere.

Named for the late Anthony Keith Hinds, former dean and professor of mathematics at WCU, the University Center is the hub of student social life on campus. The UC features a two-story atrium, meeting rooms, a grand ballroom, a 170-seat movie theater, Club Illusions, Catamount Clothing, a food court, and the student mailroom. The additional space also includes the Intercultural Center, as well as the Center for Student Involvement with offices, workspace, and conference rooms for student clubs and organizations. Also a vital part of the UC is the Student Media Center, located in the historic Old Student Union, which houses student-run media groups that include radio, newspaper, television and literary magazines. The UC also works with the student leaders of Last Minute Productions (LMP) and Arts and Cultural Events (ACE) to provide student initiated programming for the entire campus. These groups work to bring concerts, speakers and a variety of performers to the campus community. The UC website is available at: <http://www.wcu.edu/171.asp>.

Base Camp Cullowhee. Located in Brown Hall, Base Camp Cullowhee (BCC) is the outdoor program of WCU. BCC provides outdoor trips and skills clinics to help students experience adventure in the great outdoors, learn new outdoor activities, challenge themselves to do more than they ever thought was possible, grow as a person and a leader, connect with other people and friends, and explore their surroundings in wild Western North Carolina. BCC also manages the Base Camp Climbing wall, a 50ft tall indoor climbing wall located in the Campus Recreation Center, and offers the campus community a rental program for outdoor equipment such as tents, sleeping bags, whitewater gear and more. Many classes, clubs, and organizations take advantage of BCC's teambuilding services to provide their group with unique training to reach their goals. For more detailed information, visit the BCC website: <http://basecamp.wcu.edu>.

Center for Leadership. Located on the third Floor of the A.K. Hinds University Center, the Office of Leadership and Student Involvement is committed to providing students with opportunities to continually enhance their leadership skills and interests.

Through our curricular and co-curricular programs, WCU students will be exposed to a variety of leadership skills that will carry with them throughout their lives. Students will experience advanced leadership opportunities and be exposed to additional resources that can be used in their daily lives or within their personal/professional leadership positions.

Through such student clubs and organizations as the Leadership Institute, Greek Life, and the Student Government Association, or through programs such as the Freshman Leadership Institute, the Whee LEAD Conference, CatCamp,

CATalyst, or any one of the LEAD Living-Learning Communities (LLC's), students will learn how to make a positive impact on campus and in the greater community.

In addition, the Office of Leadership and Student Involvement is home to over 30 leadership development courses (LEAD) and the Leadership Minor. WCU is one of a select few colleges or universities that offer a Minor in Leadership. The Leadership Minor consists of a total of 18 credit hours (9 credit hour of elective courses and 9 required credit hours).

More information about the Office of Leadership and Student Involvement and the Leadership Minor is available on-line: <http://leadershipcenter.wcu.edu>.

Greek Life. Located in the University Center's Office of Leadership and Student Involvement, the Office of Greek Life works with the 23 national Greek-letter organizations at WCU. Joining a fraternity or sorority offers students an opportunity to build leadership skills, an opportunity to be involved in service and philanthropy projects, networking opportunities, and a social outlet during their collegiate years. More information about Greek Life and joining a fraternity or sorority is available on-line: <http://gogreek.wcu.edu>.

Campus Recreation and Wellness. The mission of the Department of Campus Recreation and Wellness is to create a campus-wide culture of wellness by providing programs, services, and facilities for individuals to engage and sustain the active process of healthy living.

Located in the 73,000 square foot Campus Recreation Center (CRC), our goal is to offer a wide range of quality facilities and programs that will support the university community in achieving a balanced quality of life. The CRC is home to the campus intramurals program as well as club sports. Please visit our website for current information about Campus Recreation and Wellness: <http://reccenter.wcu.edu>.

Athletics. Western Carolina University is a NCAA Division I institution with membership in the Southern Conference. With over 300 student athletes competing in 16 sports, WCU students have many opportunities to support their Catamounts. The mandatory Athletic Fee provides support for WCU Athletics and so students have free tickets to all Athletic events. More information about Catamount Athletics is available on the official website: <http://www.catamountsports.com/>.

University Health Services. The mission of Western Carolina University Health Services is to meet the healthcare needs of the academic community and to enhance the physical, psychological, environmental and health education needs of the WCU campus community. The staff includes physicians, physicians' assistants, licensed practical nurses, registered nurses, and a laboratory technician. Additionally, the Health Service administers a student-run ambulance service that allows for on-campus coverage for emergencies. Specialty services offered include a women's health clinic, allergy and immunization clinic, and some limited pharmacy services.

The mandatory Student Health Fee supports University Health Services, however some procedures require additional charges. WCU is part of the University of North Carolina System which requires all students to provide proof of immunizations and health insurance coverage. A student's registration status may be held until these requirements are met. Students that do not have health insurance coverage are required to participate in the UNC System-sponsored health insurance plan.

More information about Health Services and the health insurance requirements are available on-line at <http://studenthealth.wcu.edu>.

Counseling and Psychological Services (CPS) provides free and confidential short-term counseling and emergency services for students. Other services include support groups, consultations, psychiatric medication assessments, referrals, and outreach presentations and programs. Please refer to our website at <http://www.wcu.edu/7946.asp> for further information on our services, staff, and mental health resources. Initial appointments can be made in person (Bird Bldg. 2nd floor) or by phone (227-7469). Please refer to our website for a list of our weekly groups, outreach presentation topics, and biofeedback services.

Career Services/Cooperative Education Office. The Career Services/Cooperative Education Office is multi-faceted and student service oriented. We are committed to providing up-to-date services which: assist in career/major decision-making; promote career experiences, and job search learning; and then facilitate contact with employers and graduate schools.

Activities/services include the following:

On campus student employment (<http://careers.wcu.edu/nws-jobs.asp>), web accessible job listings, programs, individual conferences with career counselors, vocational and interest testing (both on-line and in person), cooperative education and internship programs, resume and cover letter critiquing services, an on-line mock interview program, a career library with a university-wide computer aided career guidance program, multiple career events.

The Career Services Cooperative Education Office is located on the 2nd Floor Killian Annex. For more information (<http://careers.wcu.edu>).

Intercultural Affairs. Intercultural Affairs sponsors programs during nationally recognized celebratory months to highlight some of the many cultures represented in the campus community. ICA staff serves as a resource, advocate and foundation of support for the Western Carolina community on issues of diversity, multiculturalism, and tolerance for differences. Located in the University Center, Intercultural Affairs is a resource for all WCU students. WCU's Diversity Initiatives website is at <http://diversity.wcu.edu/> and highlights many of Intercultural Affairs programs and services.

Ramsey Regional Activity Center. Western North Carolina's most versatile entertainment complex, the Liston B. Ramsey Regional Activity Center provides quality programming for the entire community. The 8,000 seat arena hosts major concerts, national touring acts, commencement and Catamount basketball and volleyball. Student tickets to major events are often available at a discount.

The arena, concourse, meeting rooms, outdoor patios, and other reservable spaces are available to the public for banquets, trade shows, conferences and meetings. Students may utilize the Ramsey Center's full line of event services including event planning, equipment reservations, and room set-ups.

The Ramsey Center offers opportunities to enjoy regular fitness activity. Students have free access to five racquetball courts, two basketball courts, walking or jogging around the concourse, and a lighted outdoor rollerblade and skateboard area.

Students play a major role in the operation of the Ramsey Center. Student managers keep the Ramsey Center open for activity during evenings and weekends. Stage crew, lighting operators, and promotion and event staff help with concerts and other major productions. Utility crew and office assistants work closely with staff to handle day-do-day operations. Ramsey Center team members work flexible hours; gain leadership experience; and develop communication, teamwork, and time management skills.

For more information about the Ramsey Center and its programs and services, go online to <http://www.ramseycenter.wcu.edu>.

WCU Community Creed and the Code of Student Conduct

The Department of Student Community Ethics (DSCE) works with the University community to educate students about their rights and responsibilities as stated in the Western Carolina Creed, the Student Handbook and the Code of Student Conduct. DSCE works to help students and organizations who violate University living and learning expectations become more responsible members of the Western Carolina University Community. DSCE also collaborates with academic leaders and public safety officials to help keep our campus community safe and welcoming to everyone in this community. The DSCE facilitates education about the Western Carolina University Community Creed:

Western Carolina University Community Creed

Creed: a system of beliefs, principles, and aspirations

• I will practice personal and academic integrity. • I will respect the dignity and rights of all persons. • I will demonstrate concern for others and live up to my community responsibilities. • I will engage myself in the arts, culture and intellectual life of my University. • I will celebrate and take pride in Western Carolina University.

The WCU Community Creed also serves as the basis for the Code of Student Conduct. All students are held accountable to the principles expressed in the Community Creed and the standards for behavior found in the Code.

The DSCE website is found at <http://dsce.wcu.edu> and includes important information about the Community Creed, alcohol and drug education, as well as student rights and responsibilities under the WCU Code of Student Conduct.

and Emergency Preparedness

Western Carolina University Police work to keep the campus community safe and help prepare the campus for emergencies. An annual safety report is posted on-line at <http://police.wcu.edu/> and <http://dsa.wcu.edu/> in compliance with the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act (formerly the Campus Security Act). A link to an Emergency Information website is included at the bottom of all WCU web pages or can be opened at <http://emergency.wcu.edu/> for details on campus preparedness and emergency notification systems. All students, faculty and staff are encouraged to carefully review this information.

WCU Campus Police and Law Enforcement

The University Police department is responsible for providing law enforcement, criminal investigation, and protective services on campus. University Police officers are certified by the N.C. Attorney General's Office and meet all standards set by the Attorney General for law enforcement officers in this state.

All crimes that occur on the campus of WCU should be reported to the University Police Department. Emergencies should be reported by dialing 911 from a University telephone or by dialing 828-227-7301 from your cellular telephone; non-emergencies may also be reported by dialing 828-227-7301. Reports for crimes may be filed by visiting the University Police Department, located in the Camp Building Annex, or by contacting an officer on patrol. Officers may also be summoned for emergencies by activating any of the emergency blue-light callboxes which are placed at various locations throughout campus. Information regarding crime reports, statistics and prevention programs is available at the University Police department and <http://police.wcu.edu> website.

Traffic and Parking. The University Police department is responsible for the administration of Western's parking system, vehicle registration, and traffic and parking regulations enforcement. State statutes provide that campus traffic and parking regulations have the full-authority of law, and violators may be subject to the penalties such law prescribes.

Everyone parking a vehicle on campus must register that vehicle with the Parking Services Office and display a current decal on that vehicle. Parking and traffic regulations literature is made available in the Parking Services Office, located in the Outreach Center Annex. These same regulations are made available on-line at <http://wcu.edu/9005.asp>.

The Parking, Traffic, and Safety Committee, composed of students, faculty, and staff, functions as an appellate board for faculty and staff members wishing to contest parking citations that they have received. Appeals concerning student violations are heard by a similar SGA appellate committee. The faculty and staff parking citation appeal form is available at http://www.wcu.edu/WebFiles/PDFs/police_appeal_form_faculty_staff.pdf, or in the Parking Services Office. The student parking citation appeal form is available online at <http://www.wcu.edu/12768.asp>. For more information, contact the University Parking Services Office at 828-227-7275 (PARK).

Shuttle Bus System (CAT-TRAN). The shuttle bus system, or Cat-Tran, is operated through the University Police Department. Cat-Tran provides shuttle service according to prescribed routes throughout the semester during day class hours. Reduced shuttle service is available during evening, weekend, and summer hours. The Cat-Tran does not operate during holidays, spring or fall breaks, or semester breaks. The Cat-Tran buses are used for the daily shuttle routes and are not available for special event or group use. For information regarding routes, hours of operation, or other issues, please visit the Cat-Tran web site at <http://www.wcu.edu/9004.asp> or call the Cat-Tran office at 828-227-8726 (TRAN).

Other Services and Facilities

Books and Supplies. The Catamount Bookstore offers students a variety of educational materials and supplies. An extensive selection of paperback books is offered for class use and extracurricular reading. All books for graduate students, distance learning and supplemental text and course-related materials for undergraduates are sold by the store. The book rental plan, operated through the book rental department of the bookstore, is explained on page 38 of this catalog. Caps and gowns, graduation invitations, and class rings also may be purchased at the store. For more information, call 828-227-7346 or visit our Web site at <http://books.wcu.edu/home.aspx>.

Clothing and Gifts. The Catamount Clothing and Gifts store offers students a variety of clothing, gifts, greeting cards and miscellaneous items. The store is located on the second floor of the UC and for more information, call 828-227-7626 or visit our Web site at <http://merch.wcu.edu/home.aspx>.

Mail Service. Students residing on-campus are assigned a mailbox with their room assignments. All other students may rent a box in the Cullowhee Post Office. U.S. postal regulations do not permit receipt of mail through general delivery after an initial thirty-day period. A postal commodity machine offering stamps, envelopes, postcards, aerograms, overseas services, and other features is located in the University Center.

Bank Services. A Wells Fargo ATM is located on campus. State Employees Credit Union and BB&T ATM's are located in the Hinds University Center. Additionally, branch offices of Wells Fargo Bank, BB&T, State Employees Credit Union, Sun Trust Bank, Macon Savings Bank, Carolina First Bank, Mountain Credit Union, United Community Bank, First Citizen's Bank, Jackson Savings Bank are located in or near Sylva.

Project Discovery-Talent Search. Talent Search is a federally funded program through the U.S. Department of Education hosted here at Western Carolina University. Our mission is to assist first generation college bound students with enrollment in post secondary schools. Talent Search provides a wide range of support services to 900 area middle and high school students. Academic, career, and financial aid counseling as well as a variety of summer and adventure educational experiences are also provided. Talent Search can be reached at (828) 227-7137 or visit us at <http://www.wcu.edu/8332.asp>.

The Kneedler Child Development Center provides affordable, accessible childcare for approximately 60 children of students, faculty, staff, and community members. The center operates four classrooms (ages 1-5) staffed by wonderful teachers who are committed to early childhood education. Each classroom offers developmentally appropriate activities designed to stimulate social, emotional, intellectual, and physical development. The facility is located in the remodeled west wing area of the Cordelia Camp Building. If you would like further information please visit (<http://www.wcu.edu/7252.asp>) or contact the center at (828) 293-1530.

The university provides computer access through the information technology division, college, and department computer systems. It is essential that computer systems be protected from misuse and unauthorized access subject to university policy and applicable state and federal laws. Computer abuse defined as, but not limited to, privacy issues, theft, vandalism, copyright issues, and harassment will be referred to the Office of the Chief Information Officer and/or college or department computer network and laboratory managers. Abuse involving theft or vandalism will also be reported to the University Police Department. Penalties include, but are not necessarily limited to, suspension or revocation of computing privileges, reimbursement to the university for resources consumed, other legal action including action to recover damages, referral to law-enforcement authorities, and referral to the Vice Chancellor for Student Affairs for disciplinary action. In connection with inquiries into possible abuses, the university reserves the right to examine files, programs, passwords, accounting information, printouts, or other computing material without notice authorized only by the Chief Information Officer. See University Policy #52, *Use of Computers and Data Communications* online at <http://www.wcu.edu/25319.asp>.

Electronic Mail Policy. University electronic mail accounts are provided and supported by the State of North Carolina to support the mission of the university. The electronic mail system is provided by the university as one of its primary means of official communication. An electronic mail message regarding university matters sent from an administrative

office, faculty, or staff member is considered to be an official notice. Students, faculty, and staff are required to read their university electronic mail system messages on a regular basis to receive these official notices.

Users have the responsibility to use these resources in an efficient, effective, ethical and lawful manner. Use of the university's electronic mail system evidences the user's agreement to be bound by the university's Electronic Mail Policy. Violations of this policy may result in restriction of access to the university email system and/or other appropriate disciplinary action. University Policy #93, *Electronic Mail Policy* online at <http://www.wcu.edu/25376.asp>, ensures the appropriate use of the university's electronic mail system by its students, faculty and staff.

Admission

Applications for undergraduate admission should be addressed to the Office of Admission. Inquiries about graduate admission should be directed to the Graduate School. More information on graduate admission will be found in the Graduate School section of this catalog.

Campus Visit. Prospective students and their parents are invited to visit the campus. A visit provides an opportunity to visualize more fully the meaning of attending the university, especially if classes are in session. An appointment to visit should be made by contacting a member of the admission staff. For more information, go to <http://visit.wcu.edu> or call the Office of Admission at 828-227-7317, or toll-free 1-877-928-4968.

Applications. Applicants for undergraduate admission must submit (1) a completed application form, (2) application processing fee (see Fees and Financial Aid section), and (3) complete academic records as described below in "Categories of Undergraduate Admission." The application fee covers the cost of processing the application and is not refundable or applicable toward other charges and payments.

Admitted applicants must complete the immunization form. All materials submitted, including transcripts, become the property of the university and cannot be forwarded or returned.

Admission Dates. Applications may be made for admission under the Early Action or Regular cycles. Deadlines are detailed in the following pages.

Early Registration for New Students. The Advising Center offers newly admitted students an opportunity to complete CatWalk, a web based program designed to help students prepare for their first semester at WCU. Information from CatWalk will be used to create an initial schedule for the student. Students are required to attend one student orientation. During orientation, new students are given a general introduction to the university and to campus life. At this time, students will meet with an academic advisor and be given an opportunity to make adjustments to their schedule. A special program of activities for parents of new students is available during summer orientations.

Advance Deposits. Each new undergraduate student who is admitted to Western Carolina University for the fall or spring semester is required to submit an advance tuition deposit of \$150. This payment will be credited to the charges for the first semester of enrollment. There is also an advance housing deposit of \$150 that must be submitted by all new students who plan to live in a university residence hall. Refer to University Policy 96 for information pertaining to students who are required to live on campus. The advanced tuition deposit and advanced housing deposit are non-refundable. The deadline for fall semester is May 1 and for spring semester is December 1. For additional information, see the section on "Fees, Expenses, and Financial Aid" of this catalog.

Computer Admission Requirement for Undergraduates

Western Carolina University strives to ensure that students have access to the highest quality education taking maximum advantage of the changes in information and communications technologies. All newly admitted and readmitted degree-seeking undergraduate students are required to have an appropriate, networkable computer. A student laptop requirement exists for all students, except distance learning students and some part-time students. For further information, see the WCU IT web site at <http://www.wcu.edu/1582.asp>

Undergraduate Admission

The university is open to all qualified students without regard to race, sex, color, national origin, religion, age, sexual orientation, or disability.

First-Year Students. Admission to Western Carolina University and placement into courses and programs are based upon a variety of factors including courses taken, rank in class, SAT or ACT scores, and grade point average. The university reserves the right to require any conditions deemed necessary to help ensure success. Applications also are considered for admission from prospective students who have achieved high school graduation equivalency by means of tests of General Education Development (GED).

Entrance Examinations. Freshman applicants must take the SAT or the American College Test (ACT). The achievement test in subject-matter fields is not required. For the SAT, application forms and information concerning the test fee, dates, and centers may be obtained from the College Board, P.O. Box 592, Princeton, New Jersey 08541. Information and application for the ACT may be obtained from The American College Test National Office, P.O. Box 168, Iowa City, Iowa 52243, and from high school guidance counselors. Students who elect to take only the ACT must take The Writing Test. Applicants must request that their scores be sent to the Office of Admission, Western Carolina University, Cullowhee, North Carolina 28723. College code for the SAT is 5897 and the ACT code is 3172.

Secondary School Preparation. The quality and content of the applicant's high school program are important. A good background in English, mathematics, foreign language, social studies, and natural sciences is required.

To be considered for any category of admission, students must have graduated from high school and successfully completed the following fifteen Minimum Course Requirements (MCR) of college preparatory courses:

4 units of English

4 units of math including:

2 units of algebra 1 unit of geometry or advanced math 1 unit of math beyond algebra II

3 units of science including:

1 unit of a life or biological science 1 unit of a physical science 1 unit of an additional lab science

2 units of social studies including:

1 unit in U.S. history

2 units of one language other than English

Admission Procedure

WCU Admission Cycle for First-Year Students (including high school students who are dually enrolled in college)

Fall

Early Action deadline is Nov. 15 for non-binding decision. Candidates who apply beyond November 15 will be rolled into the Regular cycle, described below. Early Action decisions are made by mid December. Deposits for tuition and housing due May 1.

Regular Admission Priority deadlines are February 1 and March 1. Applications will be accepted beyond March 1 in the regular cycle as space permits. Decisions will be mailed on a rolling basis between January and April. Deposits for tuition and housing are due May 1.

Late Admission may continue after March 1 on a case-by-case basis, based upon space availability and extenuating circumstances; however, students should meet all application deadlines. Decisions will be mailed on a rolling basis until August 15. Housing and tuition deposits should be submitted as soon after admission as possible in order to reserve a space and to have greater priority in the pre-registration and placement processes. Any required deposits should be submitted no later than May 1 for summer or fall terms and December 1 for spring term

Spring

Application deadline: Nov. 15. Decisions mailed on a rolling basis until Dec. 15. Deposit deadline is December 1.

Summer

Application deadline: April 15. Decisions mailed on a rolling basis through enrollment date.

WCU Admission Cycle for Transfer Students

Fall

Priority application deadline is June 1. Applications will be accepted beyond June 1 as space permits.

Decisions will be mailed on a rolling basis until Aug. 15. Tuition and housing deposits should be submitted as soon after admission as possible in order to reserve a space and to have greater priority in the pre-registration and placement processes. Any required deposits should be submitted no later than May 1 for summer or fall terms and December 1 for spring term.

Spring

Application deadline is Nov. 15. Progress reports will be required for candidates enrolled in the fall term at the sending institution. Decisions will be mailed on a rolling basis until Dec. 15. All decisions will be conditional pending receipt of an official transcript from the sending institution reflecting final grades.

Tuition and housing deposits due no later than December 1.

Summer

Application deadline is April 15. Decisions will be mailed on a rolling basis up through enrollment date; last-minute decisions will be voice delivered as well. Deposit deadline in May 1.

Home-Schooled Applicants. This policy deals with those students who are applying for admission as freshmen or transfer applicants, who are required to submit secondary school records, and who are participating (or have participated) in a secondary home school program.

Home-schooled students will have their records considered ONLY under the following conditions:

1. The student provides an official transcript of all work completed (high school and college is dually enrolled). This should include course names, descriptions, grades, and the amount of credit awarded.
2. The student provides official score reports of the SAT or ACT tests.

All home-schooled applicants must meet standards equivalent to those used for applicants from approved secondary schools. This includes indication of the successful completion of work equivalent to high school units listed under Secondary School Preparation. Each applicant will be reviewed individually for academic strengths and weaknesses.

There are three categories of freshman admission to Western: standard, provisional, and honors admission.

Standard Admission. Each applicant is evaluated on the basis of individual strengths and weaknesses for placement into the regular course sequence. Priority is given to those applicants who have demonstrated a strong potential for success in the academic programs at WCU. Factors which are used in the evaluation process include the following:

- Courses selected by the student in high school and the grades achieved in those courses. A strong college preparatory curriculum is recommended. All students who are admitted must meet the Minimum Course Requirements (MCR) of The University of North Carolina system. Special attention may be given to work completed during the senior year.
- Scores achieved on either the SAT or the American College Test (ACT).
- Academic performance in college dual enrollment courses or on placement examinations. Applicants should submit official college records and examination results as soon as they are available.

Priority consideration for admission will be given to applications completed by March 1 for the fall term.

Admission to the Academic Success Program. Students whose high school records and test scores do not qualify them for standard admission but who show some potential for successful college work may be considered for admission to the university's Academic Success Program (ASP). Students admitted into the ASP still must meet all Minimum Course Requirements (MCR) prior to enrollment into the regular fall term. An applicant's high school

records and ACT or SAT scores will be the primary information used to determine admission. The applicant must demonstrate the aptitude and motivation necessary to be able to successfully complete summer coursework and between twelve and sixteen semester hours of college course work in the first semester of enrollment.

The ASP program features additional tutoring and small, clustered classes that are designed to ease the transition from high school to college. Freshmen admitted to the ASP program are required to begin their program during the summer term when they will be provided with special assistance.

Admission to the Spring Entry Program. Students whose academic records do not qualify them for standard or ASP admission but who show some potential for successful college work may be considered for admission to the university's Spring Entry Program (SEP). Students admitted into the SEP still must meet all Minimum Course Requirements (MCR) prior to enrollment into the spring term. An applicant's academic record, including any college coursework attempted prior to enrollment at WCU in the SEP will be the primary information used to determine eligibility to enroll.

Minimum Course Requirements (MCR) at the Sixteen Institutions of The University of North Carolina. The following courses are required for admission, in addition to an institution's own specific requirements: in English, four course units emphasizing grammar, composition, and literature; in mathematics, four course units including algebra I, algebra II, and geometry, and a higher level mathematics course for which algebra II is a prerequisite; in science, three course units including one unit in a life or biological science (for example, biology), one unit in a physical science (for example, physical science, chemistry, or physics), and one laboratory course; in social studies, two course units including one unit in U.S. history; and in foreign language, two units of one language other than English. An applicant who does not have the unit in U.S. history may be admitted on the condition that at least three semester hours in that subject will be passed by the end of the sophomore year.

Course units, as defined in these requirements, may include those high school-level courses taken and passed by an applicant after graduating from high school, as well as those taken while enrolled as a high school student.

Pre-University Program. This program enables high school students who have completed their junior year with superior academic records to begin work toward a university degree. Students who qualify may enroll in and earn credit for selected freshman courses. Full information is available from the Office of Admission.

Transfer Students. Applicants must have official transcripts, with statements of honorable dismissal, submitted by all institutions formerly attended. The applicant must meet first-year admission requirements and submit an official high school transcript with SAT or ACT test results, unless the application meets exception criteria. Transfer applications and required documentation should be submitted by June 1 for fall admission, and by April 15 for summer terms. The deadline for spring is Nov. 15.

Admission decisions primarily will be based upon a transfer student's academic performance in college. Applicants should have earned a minimum higher education grade point average (GPA) of 2.00 (C average) on all work attempted; however, a minimum 2.00 does not ensure admission to the university or to a specific program of study. Applicants who are ineligible to return to the last institution attended for any reason cannot qualify for admission.

Students transferring from any unaccredited institution, if admitted, may be placed on academic probation and may be permitted to validate transfer credits by attaining satisfactory grades at Western Carolina University or successfully completing validation examinations.

The academic records of transfer students will be evaluated by the Office of the Registrar, the Advising Center and the department head of the student's major. University policies on transfer of undergraduate credit are explained in the section of this catalog on academic regulations.

Cooperative Transfer Agreements with Community Colleges. Cooperative agreements exist between WCU and the community colleges across North Carolina. For additional information, contact the Advising Center or a local community college.

All Former Students. A student who has not been enrolled at WCU for three or more consecutive terms is considered a former student. Any other student resuming enrollment should contact the Advising Center at 828-227-7753 for information about course registration.

Readmission of former students is not automatic. Students are required to reapply and be admitted whenever:

- they cease WCU enrollment for three or more consecutive terms of (summer included), or
- they wish to change levels or change classifications (i.e. change from non-degree seeking to degree seeking or from undergraduate to graduate level).

Fall	Spring	Summer	Fall	Spring	Summer	Fall
Enrolled	Not Enrolled	Not Enrolled	Not Enrolled	Reapply		
	Enrolled	Not Enrolled	Not Enrolled	Not Enrolled	Reapply	
		Enrolled	Not Enrolled	Not Enrolled	Not Enrolled	Reapply

See Graduate Catalog for information about admission to the Graduate School.

Returning After Suspension. Students who have satisfied the terms of their suspension and who desire to return must contact the Advising Center at (828) 227-7753. Students who exceed three consecutive terms of non-enrollment (summer included) regardless of reason must reapply for admission.

Post-Baccalaureate Students. Graduates of accredited four-year institutions may apply for admission to work toward another undergraduate degree. Western Carolina University is authorized to offer nine different bachelor's degrees: Bachelor of Arts (BA), Bachelor of Fine Arts (BFA), Bachelor of Music (BM), Bachelor of Science (BS), Bachelor of Science in Business Administration (BSBA), Bachelor of Science in Education (BSEd), Bachelor of Science in Electrical Engineering (BSEE), Bachelor of Science in Nursing (BSN), and the Bachelor of Science in Social Work (BSW). A student may obtain from the university a second bachelor's degree provided the degree is in a different major. Students may not earn a second degree in the same major. The general requirements for second degrees are stated in the section of this catalog on degree programs and requirements. Students seeking to pursue advanced degrees should refer to the Graduate School section.

International Students. International students are welcome at the university. International Students are granted regular, provisional, special, non-degree, or guest matriculant admission to Western Carolina University as appropriate in each case. Western Carolina University is authorized under Federal law to enroll non-immigrant students. International students should submit an application form, application processing fee (waived for exchange students), SAT and/or TOEFL test scores and transcripts evaluated by an approved evaluation company if necessary. International applicants from countries where English is not the primary language, must submit a minimum score of 550 (paper-based), or 79 (internet-based) on the Test of English as a Foreign Language (TOEFL). In order to receive a visa, students need to provide a statement of financial responsibility. It is expected that international students will not begin study until the admission process is completed and the student has met all admission conditions.

Since several months may be required to receive and process applications from abroad, international students are urged to submit complete information as early as possible but no later than stated deadlines.

Application deadlines for international students are as follows: April 1 for Fall Term and September 1 for Spring Term. Contact International Programs and Services at www.wcu.edu/ips and click on "international students".

Other Eligible Persons

Nondegree seeking Students. Persons not seeking degrees may apply as Nondegree seeking students by completing an application and paying the application fee. Nondegree seeking students are not admitted to any degree program, are not

eligible for financial assistance, and are not assigned to advisers. Nondegree seeking students applying to live in university housing should indicate their status on the housing contract. Admission categories for special students are:

Special Students. Persons not seeking degrees, but wishing to take courses for personal enrichment or advancement, upon approval, may take up to eighteen semester hours as a non degree student. Academic credentials may be required to validate a student's eligibility for admission. Nondegree students who wish to take more than eighteen semester hours will have to meet regular admission criteria.

Alternative Teacher Licensure Students. Persons who have earned a previous four-year degree and are returning to complete those requirements necessary for teacher licensure and are not pursuing a degree may apply as an alternative teacher licensure student (<http://alternativelicensure.wcu.edu>). Persons interested in Middle Grades Education may apply to the Graduate Certificate Program that leads to an initial license in Middle Grades. Persons interested in Elementary Education may apply as second-degree seeking students and must complete all requirements for the initial license and major in elementary education. Persons who plan to meet alternative teacher licensure requirements must provide transcripts of all college work to the Office of Alternative Teacher Licensure, 223 Killian Building, Western Carolina University, Cullowhee, North Carolina 28723.

Dual Enrollment Students. Dual enrollment students are those students who plan to take courses at Western while currently enrolled in a local high school. Applicants must submit a letter of parental consent, a letter of permission from their high school principal or guidance counselor, SAT or ACT scores, and an official high school transcript. Dual enrollment students may not live in campus housing.

Extension Students. Individuals may enroll in extension courses with the approval of the coordinators of the courses. An extension student who later desires to enroll in courses for degree credit must meet regular admission requirements.

Transient Students. A student interested in enrolling for a semester or a summer session before returning to another institution may be admitted as a transient. A statement of good standing at the former institution is required.

Special Consideration. Persons of above-average ability who do not meet admission requirements in any category may request special consideration by submitting a letter of explanation and supporting information. However, regular admission guidelines are regarded as sound for the student and the university. Few exceptions are made.

Appeals of Admission Decisions

Admission decisions may be appealed by presenting a written request for reconsideration to the director of student recruitment and transitions, who reviews any appeal related to academic preparation or credentials. Appeals of decisions which are related to criminal, disciplinary, or behavioral factors are referred to the director of student judicial affairs. The request should indicate the reasons for reconsideration and any factors the applicant feels were not given adequate consideration in the admission process. Applicants will be notified in writing of the final decision by the Office of Admission.

Summer Session Admission

All policies in effect during the regular academic year are applicable to summer enrollment. Further information is available upon request from the Division of Educational Outreach, Graduate School, or Office of Admission.

Application Falsification

Students furnishing the university with false, misleading, or incomplete information relating to their application or academic record will be subject to rejection or dismissal.

Fees, Expenses, and Financial Aid

Western Carolina University holds its charges to the minimum commensurate with the provision of needed services. The following schedule of fees, due and payable by the payment deadline for each semester, will be effective beginning with the fall semester of the 2012-2013 academic year. The university reserves the right to alter any charges without prior notice upon direction from appropriate governing authorities.

Application for admission must be accompanied by a \$50, nonrefundable application processing fee, in the form of a check or money order made payable to Western Carolina University unless exempted by one of the following conditions:

1. The applicant has been enrolled previously for courses at WCU.
2. The applicant has filed an application for admission within the previous two calendar years.
3. Applicants who meet one of these conditions are not required to pay the \$50 application fee.

Payment of Fees. All charges are due and payable on or before the payment deadline for each semester. Payment may be made by mailing a check, cashier's check or money order, to the Student Accounts Office, in-person at the One Stop in the Killian Annex, or on-line by credit card or check through MyCat. In accordance with state policy, a processing fee of \$25 is assessed for returned checks. A processing fee of \$5.00 will be assessed for ACH payments with incorrect account information.

Any fees or fines not paid will cause the university to withhold the issuing of transcripts and block registration for classes until all debts are cleared.

Students who preregister will be required to remit full payment of tuition and fees by August 1 for fall semester (December 15 for spring semester) in order to retain their preregistered class schedules. After this deadline, schedules of undergraduate students who have preregistered and not paid will be canceled. The class seats made available thereby will be offered to these and all other students who register in the regular registration and drop-add periods at the beginning of the semester.

Tuition and Housing Deposits

Tuition and Fees. New students who are admitted to Western Carolina University for the fall semester are required to remit a \$150 nonrefundable tuition deposit as soon as possible but no later than May 1st. By doing so, the student reserves a place in the entering class and establishes eligibility to preregister for courses to be taken in the first term of enrollment. **This amount is due and payable upon notification of acceptance for admission and must be paid prior to participation in course preregistration.** The payment is fully creditable to charges for the first semester of enrollment. The tuition deposit is not required for summer semester enrollees except for students enrolled in the Academic Success Program.

Housing. New students who intend to live on the University campus must remit a \$150 nonrefundable housing deposit as soon as possible but no later than May 1st. Freshmen students are required to live on campus. Freshmen living in Jackson, Macon, Haywood, and Swain Counties may apply for a Housing Waiver to live at home. This amount is due and payable upon notification of admission and is fully creditable to housing charges for the first semester of enrollment. Returning students are required to remit a \$150 nonrefundable housing deposit by June 1 of each year to secure residence hall spaces for the next academic year. This payment is fully creditable to first semester housing charges.

After June 1, requests and payments for campus housing will be accepted on a space-available basis.

Resident and Distance Learning Tuition and Fee Charges

The university classifies its programs and courses into two categories: resident and distance learning (DL). Students should become familiar with the classification of their programs, because each has a different tuition and fee structure. Resident programs are located on campus in Cullowhee or at resident centers in Asheville/Buncombe County and Cherokee. Degree or certificate programs that are approved for DL serve students away from the Cullowhee campus and its resident centers. Course sections are classified as resident or distance based on the intended population to be

served. Although course section classifications as resident or distance typically follow program designations, there are exceptions. So, during the on-line registration process, students should look at the CAMPUS designation to determine whether the course section is a resident or distance course for tuition purposes.

Tuition and fees are based on program and/or course section campus classification and are applied to all academic terms. Typically, resident and distance students enroll in course sections in the same classification as their program (e.g. distance students enroll in distance courses). Occasionally, students may find it necessary to enroll in a course section whose designation is different from the classification of their approved programs. When this occurs, distance and part-time resident students will be charged the tuition and fees associated with the classification of each individual course section (resident or distance). Full-time resident students will be charged their full-time rate regardless of the combination of resident and distance course sections. Since there is no full-time rate for DL students, they will be charged the part-time rate for resident courses in which they enroll unless their program has a special provision to be charged otherwise. Special provisions may be approved for specific programs (e.g. Military and Jamaican programs).

Fees Per Semester

Tuition rates are reviewed and set annually by the North Carolina Legislature. The University reserves the right to alter any charges without prior notice.

***Pending approval by the Board of Governors**

Full-time Student

UNDERGRADUATE—tuition and required fees, NC	\$3,778.50
UNDERGRADUATE—tuition and required fees, out-of-state	\$8,577.00
GRADUATE—tuition and required fees, NC	\$3,870.00
GRADUATE—tuition and required fees, out-of-state	\$8,662.50
GRADUATE—*CRNA Program tuition and required fees, NC	\$6,270.00
GRADUATE—*CRNA Program tuition and required fees, out-of-state	\$11,062.50
*CRNA-Certified Registered Nurse Anesthetist	
DOCTORATE—Physical Therapy tuition and required fees, NC	\$4,205.00
DOCTORATE—Physical Therapy tuition and required fees, out-of-state	\$9,956.00

Residence Halls

Standard Residence Hall

•Single Room	\$2,779.00
•Double Room	\$1,747.00

Reynolds

•Single Room	\$3,235.00
•Double Room	\$2,015.00
Central Drive Hall	
•Single Room	\$2,542.00
•Double Room	\$2,059.00
Balsam/Blue Ridge	
•Single Room	\$2,830.00
•Double Room	\$2,459.00
Robertson (Married Students)	
•Double Room	\$1,881.00
•Efficiencies	\$2,885.00
•One bedroom	\$2,998.00
Madison (Graduate Students)	
•3rd Floor	\$2,782.00
•4th Floor	\$2,713.00
Village	\$2,513.00
Norton Road	
•Single Room	\$2,501.00
•Double Room	\$2,317.00
Meal Plans**	
CATAMOUNT PLUS ---Unlimited All-you-care-to-eat meals per semester	\$1,719.00
plus \$260.00 declining balance	
GOLD ---125 All-you-care-to-eat meals per semester	\$1,570.00
plus \$718 Declining Balance	

CATAMOUNT UNLIMITED --- Unlimited All-you-care-to-eat meals per semester	\$1,459.00
PURPLE ---80 All-you-care-to-eat meals per semester plus \$799.00 declining balance	\$1,356.00
Any 21 Meal Plan	\$1,459.00
STANDARD DECLINING BALANCE (Upper classman)	\$1,071.00
COMMUTER COMBINED ---\$25 All-you-care-to-eat plus \$374.00 declining balance	\$547.00
COMMUTER DECLINING BALANCE (any amount)	\$500.00
Add on Block Meals (15)	\$102.00

**Freshmen must choose either the Catamount, Catamount Plus, or Gold Plan.

Per Semester Charges Detail

Full-time Student	North Carolina Undergraduate	Out-of-state Undergraduate
Tuition	\$ 1,698.50	\$6,497.00
*Required Fees	\$ 1,754.00	\$ 1,745.00
**Book Rental Fee	\$ 107.00	\$ 107.00
***Room (standard double)	\$1,747.00	\$1,747.00
****Board (125 AYCE + \$718DB)	\$ 1,570.00	\$ 1,570.00
TOTALS	\$6,876.50	\$11,675.00

*Fees include \$383.00 for Health Insurance Fee. May be waived by verifying coverage at www.studentinsurance.com.

Fall 2011 & Spring 2012 Distance Learning Tuition and Fees

Tuition and Fees per Semester Hour

	In-State	Out-of-State
Undergraduate	\$133.78	\$458.01
Graduate	\$213.58	\$683.43
Military	see above	\$ 250.00

Fees for Distance Education include Education and Technology, Association of Student Government, and Administrative Computing.

Late Registration and Payment: A Student who registers after the last regular registration date will be charged a late fee of \$10. Delinquent accounts will be assessed a one-time 1% late payment penalty and monthly interest at an interest rate established by the North Carolina Department of Revenue.

Western Carolina University is a publicly supported institution. Tuition payments and other required fees meet only a part of the total cost of the education of students enrolled. On the average, for each full time student enrolled in an institution of the University of North Carolina, the State of North Carolina appropriated \$12,668 per year in public funds to support the educational programs offered.

Students and parents can also find detailed information concerning the cost of college at www.cfnc.org.

Dining Services

Meal Plan Requirement University policy requires students who live in a residence hall to purchase a meal plan from the residential plans each semester. Unused declining balance points at the end of fall semester will transfer to spring semester for continuing students. Unused declining balance points are forfeited at the end of spring semester. Block Plan meals must be used in the semester for which they were purchased. Unused Block Plan meals do not transfer to the following semester and will be forfeited at the end of the semester. The balance remaining at the end of fall term does not change the requirement to purchase a meal plan for spring semester. No refunds will be issued for unused block meals or declining balance points.

Meal Plan Changes Deadline for students to change their meal plan is the last day of course drop/add each semester.

Block Plan Meals Block Meals are prepaid all-you-care-to-eat meals that can be used at Courtyard Dining Hall for any meal served. Block Plan meals are available to use throughout the semester. There is no limit on the number of meals that may be used during a specific day or week, but meals must be used in the semester for which they are purchased. Block Meals do not transfer from semester to semester. Block Meals may only be used at Courtyard Dining Hall.

Declining Balance Points Declining Balance Points work on the same principle as bank debit cards. Each time you make a food purchase, the total cost of your purchase is subtracted from the point balance in your account. Declining balance points may be used at any campus dining location including the convenience stores and snack vending machines. Unused declining balance points at the end of fall semester will transfer to spring semester. Unused declining balance points at the end of spring semester are forfeited. No refunds will be issued for unspent declining balance points.

ID Card A valid WCU Cat Card is required to use your meal plan. You must personally present your Cat Card to access your meal plan. You may not loan your card to another student. Cards presented in dining locations by someone other than the card owner will be confiscated. Cards and replacements may be obtained in the Killian Annex at One Stop Student Service Center. Cards that are damaged or the picture is impaired may be confiscated. Lost or stolen cards must be reported immediately to the Cat Card office or to University Police in order to have the card declared invalid. The University and Dining Services are not liable for purchases made with lost or stolen cards.

Serving Dates Your meal plan can be used during scheduled service times from lunch on the day residence halls open until residence halls close at the end of the semester except during these University holidays: Thanksgiving Break (Wednesday – Sunday lunch), Winter Break, and Spring Break. Serving dates and hours of operation at individual dining locations are described on our website at <http://wcu.edu/dining>. Holiday hours will also be posted several days in advance at each location and will be available on the website.

Meal Plans

Standard Declining Balance (\$1,071.00 per semester) (Available to sophomores, juniors, seniors and graduate students based on credit hours)

*Catamount (\$1,459.00 per semester***)* (Available to all students)

Catamount Plus (\$1,719.00 per semester) Unlimited "All-you-care-to-eat" meals plus \$260.00 declining balance points (Available to all students)

Gold 125 Block Plan (\$1,570.00 per semester) 125 "All-you-care-to-eat" meals + \$718 Declining Balance Points (Available to all students)

Purple 80 Block Plan (\$1,356.00 per semester) 80 "All-you-care-to-eat" meals + \$799 Declining Balance Point (Available to sophomores, juniors, seniors, and graduate students based on credit hours)

Commuter (\$547.00 per semester) 25 "All-you-care-to-eat" meals + \$374 Declining Balance Points

Part-time Student

Undergraduate, enrolled for eleven or fewer hours; graduate, enrolled for eight or fewer hours.

Hours Enrolled	Undergraduate		Graduate	
	In-State	Out-of-State	In-State	Out-of-State
1	\$ 534.78	\$ 1,734.78	\$ 565.38	\$ 1,763.38
2	644.43	1,844.43	655.63	1,853.63
3	754.08	1,954.08	1,220.00	3,616.00
4	863.73	2,063.73	1,310.25	3,706.25
5	973.38	2,173.38	1,400.50	3,796.50
6	2,217.15	4,616.15	2,673.88	6,268.88
7	2,326.80	4,725.80	2,764.13	6,359.13
8	2,436.45	4,835.45	2,854.38	6,449.38
9	2,970.23	6,569.23		
10	3,079.88	6,678.88		
11	3,198.53	6,788.53		

For each course scheduled for audit, a charge will be made equal to the credit hour value of the audited course.

Other Fees

Undergraduate admission application fee (one time only)	\$50
Graduation fee	\$60
Late fee	\$10
Cap, gown, and hood	Obtained through WCU Bookstore

CLEP, GRE, NTE, etc. Fee set by Educational Testing Service

Kimmel School of Construction Management and Technology \$75 per semester

Transcript Fee -- Non-enrolled students \$10.50

* Required fees include: Health Services, \$130.00; Recreational and Cultural, \$265.00; Athletics, \$344.00; Athletic Facilities, \$48.00; Documents Fee, \$10.00; Education and Technology, \$255.00; ASG, \$.50; Student Recreation Center Debt Fee, \$77.00; Transportation Fee, \$40.00, Administrative Computing, \$26.00; University Center Debt Fee, \$12.00; Dining facility debt fee, \$56.50; Health Insurance, \$383.50 (Nonrefundable. Required by degree-seeking students enrolled for at least 6 hours. May be waived by verifying coverage at www.studentinsurance.com) ** Textbooks are available to graduate students by purchase only. ***With standard residence hall - double room rate. ****The all-you-care-to-eat meal plans combine an All-You-Care-To-Eat program located at Courtyard Dining Hall and a declining balance account that can be used at the other food-service locations on campus. "All You Care to Eat" plans include block meals that can be used any time during the semester, within normal facilities operating hours. Declining balance meal purchases are deducted throughout the term from a student's available balance of declining balance points. During the semester, any student with a declining balance account may make additional prepayments in minimum increments of \$50 to increase the balance .

***** The student fee supports the high tech laboratories and computer software utilized by these majors.

Refund Policies

Academic Year Tuition and Fees. During a fall or spring semester, a full-time or part-time student who withdraws from the university before the first day of classes will be refunded 100 percent of tuition and fees. Students who withdraw from the university beginning the first day of classes are entitled to refunds of tuition and fees in accordance with the following schedule (with the exception of the non-refundable health insurance fee):

First day of classes		95 percent
1 to 11	calendar days following the first day of classes	90 percent
12 to 28	calendar days following the first day of classes	50 percent
29 to 57	calendar days following the first day of classes	25 percent
58	calendar days following the first day of classes	0 percent

Students who withdraw from the university as a result of involuntary recall to military service, pursuant to a Presidential order authorizing the call-up of reservists, and who are thereby prevented from receiving credit for the courses in which they are enrolled will be entitled to a full refund of tuition and fees. Refunds of room and board charges will be prorated based on the number of days the dormitory room was occupied and the meal ticket was used. Students having the declining balance meal plan will be refunded the actual account balance at the time of withdrawal. Students who reduce their course loads during the registration period for the semester as defined in this catalog but who continue to be enrolled in the university will have their tuition and fees adjusted fully to reflect only the number of semester hours in which they remain enrolled. Part-time students are eligible for a refund based on the semester-hour tuition rate. Full-time students are eligible for a refund only when course loads are reduced below the minimum hours required to qualify as full-time. No adjustment will be made for reduced loads after the close of the registration period. However, students who drop all courses must withdraw from the university. They are, therefore, eligible only for the partial refunds that apply to university withdrawals.

Summer School Tuition and Fees. A student who withdraws from summer school before the first day of classes will be refunded 100 percent of tuition and fees. Students who withdraw from the University beginning the first day of classes are eligible for refunds through the first fifty percent of the summer session. The refund prorations for summer school are available from the Student Accounts Office. Summer school students who reduce their course loads by one

or more semester hours within three days following regular registration or on or before the date of the second class meeting, whichever is later, will have tuition and fees adjusted to reflect the number of semester hours in which they remain enrolled.

Room and Board. Refunds of room fees for any semester or summer term will be calculated at the same rate as tuition and fees. Meal plan refunds for standard meal plans will be calculated based on a prorated daily balance. Meal plan refunds for declining balance plans will be based on the actual balance remaining on the student account at the time of withdrawal. All-you-care-to-eat meal plans have a standard declining balance component. Refunds for all-you-care-to-eat plans will be based on the policy applicable to each component. Refunds will not be made for the last two weeks of a semester or for the last week of a summer session.

Exceptions. Exceptions to these policies may be made if a student withdraws from the university for reasons of hardship. These reasons are defined as: (1) death of the student, (2) death in the student's immediate family, (3) a medical condition that compels withdrawal upon recommendation of the director of Student Health Services, or (4) a mental health condition that compels withdrawal upon recommendation of the director of Counseling and Psychological Services. Requests for exceptions should be submitted to the Refund Appeals Committee, Academic Advising Center. Approved exceptions for refunds or account adjustments will be forwarded to the Student Accounts Office to make final settlement of the student's account. All refunds, regardless of the source of payment, will be made by a check payable to the student.

Tuition Surcharge Policy

Effective Fall 2010, undergraduate students seeking a baccalaureate degree at Western Carolina University will be subject to a 50 percent tuition surcharge as required by the North Carolina General Statute Section 9.10.(b) § 116-143.7. Session Law 2009-451. Prior to Fall 2010, the surcharge is 25%. No surcharge will be imposed on any student who exceeds the degree credit hour limits within the equivalent of four academic years of regular term enrollment, or within five years of regular term enrollment in a degree program officially designated by the Board of Governors as a five-year program. As of Fall 2009, Western Carolina has no five-year programs approved by the Board of Governors. Additional details can be found on the university's website; keyword search "surcharge".

Book Rental Plan

The WCU Bookstore Book Rental Department offers textbook rentals to on-campus undergraduate students for courses numbered 100-499. Students pay a flat fee of \$107.00 each semester and are entitled to the adopted textbook used in each course for which they are registered. Part-time students pay a pro-rated amount equal to the number of semester hours for which the student is registered times the established hourly rate. This plan does not provide notebooks, workbooks, paperbacks, manuals, or supplemental books and materials; these are available for purchase at the Bookstore. Students may purchase Book Rental textbooks at replacement cost (list price less 20 percent), but this does not exempt them from paying the rental fee. Book Rental fees are included with tuition and can be paid in the One-Stop Office. Further information about the Book Rental Plan can be found at wcubookstore.wcu.edu/.

BOOK RENTAL POLICY EFFECTIVE FALL 2004

Rental books must be returned no later than five working days after the last day of final exams each term (including Mini-Mester and Summer School). Unreturned books will be charged to your student account at replacement cost. Books returned after this five-day period will be credited to your student account at 1/2 the charged amount. Grossly mistreated books must be purchased. There are no exceptions to the above policy. Textbooks may be returned by mail. Include your full name and student ID number to:

WCU Bookstore Attention Book Rental Western Carolina University

Cullowhee, NC 28723 Graduate students must purchase all required texts, regardless of course level. Textbooks for courses numbered 500 and above are available at the Bookstore. Textbooks for courses numbered below 500 are available for purchase at the Book Rental Department.

Residence Status for Tuition Purpose

Consistent with North Carolina's public policy of providing the benefits of higher education as free as practicable to the people of our state, the General Assembly has placed stringent criteria on who qualifies as a bona fide resident of this

state for tuition purposes. Residence status for tuition purposes in North Carolina is governed by general statute and the North Carolina State Residency Committee maintains a manual to assist students and their families in understanding both the legal and procedural requirements of resident classification for tuition purposes.

Section 1.C (page 5) from the North Carolina Resident Classification Manual is reprinted below:

Three broad points may be helpful in understanding and implementing state law governing the determination of residency for tuition purposes at institutions of higher education:

First, to appreciate the difference between residence and domicile. Residence is a place of abode, and may be either permanent or temporary. By contrast, domicile is never temporary; rather, it is one's permanent, established home. To be domiciled in a particular place, one must intend to remain there for an indefinite period of time (permanently), and it is the place where one intends to return if absent. A person may have many residences, but may only have one domicile. For purposes of this Manual, "domicile" is synonymous with "legal residence."

Second, generally speaking, state law mandates that only those who can demonstrate 12 months of uninterrupted domicile in North Carolina are eligible for in-state tuition. State law also places on applicants the burden of establishing, by a preponderance of evidence, that they are domiciled, rather than merely residing, in North Carolina. The 12-month (365 days) qualifying period begins at the time that a cluster of domiciliary acts is established as confirmed by valid evidence.

"To be eligible for classification as a resident for tuition purposes [in-state tuition], a person must establish that his or her presence in the State currently is, and during the requisite 12-month qualifying period was, for purposes of maintaining a bona fide domicile rather than of maintaining a mere temporary residence or abode incident to enrollment in an institution of higher education." G.S.

116-143.1(c)

In short, a 12-month presence in North Carolina, even when coupled with a declaration of intent to remain permanently, does not, in and of itself, entitle an applicant to in-state tuition. Campuses still must evaluate evidence of domiciliary acts and make an independent determination of whether a bona fide domicile has been established.

Third, state law also makes the legal residence of an individual's living parents or legal guardian prima facie evidence of the individual's legal residence.⁸ This means that, at first view without further investigation or presentation of evidence, the legal residence of the applicant is the same as that of his or her living parent(s) or legal guardian. That prima facie evidence may be rebutted or reinforced by other evidence relative to the applicant's age and general circumstances. Generally speaking, for an applicant with out-of-state parents, the older the applicant and more independent the applicant is from his or her parents, the more likely it is for the applicant to be able to demonstrate domicile in North Carolina.

Additional Resources. The North Carolina State Residency Classification Manual and additional information including information on the effect of marriage to a North Carolina resident, special treatment for certain members of the military and their dependents, statutory grace period following the loss of domicile and other specific exemption written into general statute are available on the University's website at <http://residency.wcu.edu>. This website also includes deadline information as well as links to the State Residency Committee's website and the North Carolina General Statute governing residency. The burden of proof of in-state residence status rests on the student.

Financial Aid

The Financial Aid Office administers programs that assist students in meeting educational costs while attending Western Carolina University. Awards are offered on the basis of both need and academic eligibility. Applications for consideration of eligibility are filed annually at no cost to the student and family. Students interested in applying for financial aid must complete the Free Application for Federal Student Aid (FAFSA). This must be submitted as soon as possible after January 1 of each year the student will attend. The FAFSA can be accessed online at www.fafsa.gov. Western Carolina University should be listed as a recipient of the information by using school code 002981. The application should be completed as accurately as possible and conform with income tax information,

since discrepancies require resubmission of information and consequent delay. The WCU Terms and Conditions form will be available in My Cat to applicants upon receipt of FAFSA information from the federal processor. Receipt of this information generally completes the application process, provided applicants are not selected for verification, which requires additional documents. Since the most attractive sources of financial assistance are very limited, applicants are encouraged to complete the FAFSA by the institutional priority deadline date of March 1st. Failure to complete the application may result in the loss of institutional grants or scholarships. Federal guidelines regarding student financial aid require that a recipient be making "satisfactory academic progress" toward a degree. A student must be progressing both qualitatively and quantitatively toward graduation within a prescribed time frame. To comply with these guidelines, Western Carolina University has defined minimum satisfactory academic progress for a full-time undergraduate student to remain eligible for financial aid according to the following criteria:

- all undergraduate students must complete at least 67 percent of all hours attempted at Western Carolina University
- students must maintain a cumulative GPA of 2.0

Maximum Time Frame. A student cannot receive any financial aid funding after he or she has attempted 150% of the hours required to earn a degree. For example, students in programs requiring 120 hours earned for graduation will be eligible for financial aid during the first 180 attempted hours as an undergraduate. All attempted hours are counted, including transfer hours, whether or not financial aid was received or the coursework was successfully completed. This allows for double majors or change of majors.

Notification of Awards. Notification of awards, beginning with completed applications for aid received prior to April 1, will begin April 1 and will continue thereafter.

Types of Aid. Three principal types of aid are available: (1) scholarships and grants, which do not have to be repaid, (2) loans, usually long-term and low- interest, to be repaid after the student leaves college; (3) work-study, which is often related to the student's field of study. .

Grants

Federal Pell Grants. Eligibility for assistance under the Pell Program is based on financial need as determined by a formula of the U.S. Department of Education that is applied uniformly to all applicants. Awards range from \$831.00 to \$5,550.00 per academic year depending upon the cost of attendance. Students who complete the Free Application for Federal Student Aid (FAFSA) are considered for Federal Pell Grant eligibility.

UNC Campus Scholarship. The UNC Campus Scholarship awards grant funds in support of advancing the academic benefits of a diverse student body. These limited funds are awarded to North Carolina residents who demonstrate financial need and who would bring an element of diversity to Western Carolina University's campus environment. All applicants must apply for financial assistance by completing the Free Application for Federal Student Aid (FAFSA).

UNC Campus Scholarships for Native Americans. Under this Board of Governors program, North Carolina residents demonstrating need who are Native Americans enrolled in a tribe recognized by North Carolina are eligible. All applicants must apply for financial assistance by completing the Free Application for Federal Student Aid (FAFSA). Students must demonstrate financial need and be enrolled as a full-time student. Awards are for \$700 per academic year.

Federal Supplemental Educational Opportunity Grants. This program provides funds through participating educational institutions to undergraduate students with exceptional financial need who would be unable to enter or remain in an institution of higher education without such assistance. This grant is generally awarded only to students who are eligible for Pell Grants.

North Carolina Tuition Grants. Established by the General Assembly of North Carolina, these grants are awarded to North Carolina residents who are eligible for Pell Grants. The value of the grant is determined by the Pell Grant eligibility.

University of North Carolina Need-Based Grant. Students must be North Carolina residents for tuition purposes and enrolled in at least six credit hours at one of the UNC system universities. Eligibility is based on a calculation of need, using income data from the Free Application for Federal Student Aid (FAFSA). Award amounts may vary, based on legislative appropriations.

North Carolina Education Lottery Scholarship. Students must be North Carolina residents for tuition purposes and enrolled in at least six credit hours at one of the UNC system universities. Eligibility is based on a calculation of need, using income data from the Free Application for Federal Student Aid (FAFSA). Award amounts vary, based on an estimated family contribution of \$5,000 or less.

Applying for Scholarships

A scholarship application is not required for incoming students to be considered for merit-based or need-based scholarships. Returning students will need to contact their academic department to see if an application is required for departmental scholarships.

Each year WCU awards hundreds of thousands of dollars in scholarships. Generally, these scholarships can be categorized as:

Merit-Based Scholarships

Available to all students, merit-based scholarships recognize achievement and not financial need. Academic records are used to match students with scholarships, so additional applications are not required.

For detailed information on these opportunities, contact the Honors College.

Need-Based Scholarships

Available to students with demonstrated financial need as determined by Federal Methodology. To be considered for these scholarships, complete the Free Application for Federal Student Aid (FAFSA). Most need-based scholarships are renewable, but students must complete the FAFSA every year in order to establish eligibility.

When exploring WCU scholarships, be sure to consider:

- Scholarships for entering freshman: An admissions application and acceptance to the university gives automatic consideration for many of these awards. Additionally, completing a FAFSA application may increase a student's eligibility for other scholarship opportunities.
- Academic Scholarships: Students with declared majors should contact their academic departments about scholarships.
- Athletic Scholarships: Each WCU athletic team coordinates scholarships for outstanding students. For more information, contact WCU Athletics.
- Leadership and Special Scholarships: Contact the Office of Student Affairs.

For a full scholarship listing, please visit <http://www.wcu.edu/11365.asp>.

Loans

Federal Perkins Loan. These loans are awarded to students who demonstrate financial need and meet the federal eligibility requirements. The maximum amount an eligible student may borrow is \$5,500 per year as an undergraduate. The maximum aggregate loan amount for an eligible undergraduate student is \$27,500. Interest and repayment start nine months after the student leaves school or drops below half-time status. The interest rate is five percent.

Federal Direct Subsidized Loan. These government-subsidized loans are available to students through the U.S. Treasury. They are insured by the federal government and are available to undergraduate students who demonstrate financial need and meet the federal eligibility requirements. Depending on demonstrated need, a student may borrow up to \$3,500 as a freshman, \$4,500 as a sophomore, and \$5,500 per year for the third through fifth years of undergraduate work. There is a one percent origination fee with a variable interest rate. Repayment begins six months after the student leaves school or drops below half-time status.

Federal Direct Unsubsidized Loan. The Federal Direct Unsubsidized Loan Program provides loans to students after their demonstrated need has been met. They are insured by the federal government and are available to undergraduate students. The maximum amounts to borrow are based on the grade level of the students. There is a one percent combined origination fee. The interest rate is different from the subsidized loan and the borrower is responsible for accrued interest.

Direct PLUS Loan for Parents. These loans provide funds to parents to help meet the cost of education. They may borrow up to the cost of education per child minus other financial aid. Borrowers may not have an adverse credit history to be determined eligible. There is a four percent origination fee with a variable interest rate, currently 7.9%. Interest starts upon disbursement of funds. The repayment period begins at the time the PLUS loan is fully disbursed, and the first payment is due within 60 days after the final disbursement.

Forgivable Education Loans for Service. The Forgivable Education Loan for Service (FELS) provides financial assistance to qualified students who are committed to working in North Carolina in fields designated as critical employment shortage areas. For additional information regarding this program, please visit <http://www.cfnc.org/FELS>.

Employment

Federal Work-Study Program. Employment is available to eligible students to help them pay for college expenses. An effort is made to assign students to work related to their fields of study or to use their special interests and skills. This program is administered through the Financial Aid Office.

Resident Assistants. Positions as assistants in the residence halls are available to qualified undergraduate students. Contact the Department of Residential Living.

Other Part-time Work Opportunities. A part-time job service for students is operated through the Career Services/Cooperative Education Office. All non work-study job opportunities on the campus and some off-campus jobs are posted with Career Services/Cooperative Education. Students should check the on-line posted vacancies at <http://careers.wcu.edu>.

Special Assistance

Veterans Administration Programs. Most veterans who served on active duty for more than 180 days, any part of which occurred after January 31, 1955, are generally eligible for financial support. Before communicating with the university about these benefits, prospective recipients should make inquiries and complete all requirements at their local Veterans Administration Office.

Vocational Rehabilitation Assistance. Assistance covering fees, books, and supplies is provided. To be eligible, an individual must have a disability that interferes with employment; show reasonable promise of becoming suitably employed within an acceptable period of time; and be of, or close to, working age. Further information can be obtained from local Vocational Rehabilitation offices.

War Orphans Education Assistance Act. Sons and daughters of deceased veterans and of totally disabled veterans who are eighteen through twenty-six years of age are eligible for financial aid if the death or disability of the parent was a result of service in the armed forces. Local Veterans Administration offices can supply complete details.

Academic Regulations

Each annual undergraduate catalog issue of The Record becomes effective at the opening of the fall term. To receive a degree, a student must satisfactorily complete all requirements of the catalog in effect when a major is declared. A student who leaves the university for a period of one calendar year or longer and then returns is required to meet the major requirements in effect at the time of return. A student who changes to another major is required to meet the requirements in effect at the time of the change. A student who takes longer than seven years to graduate may become subject to current catalog requirements. Exceptions to these policies may be necessitated by changes in course offerings, degree programs, or by action of authorities higher than the university; but every effort will be made to avoid penalizing the student.

By exercising a written option, a student may choose to graduate under the terms of a catalog in effect at a time of graduation. Students should discuss this option with their academic advisor, who will notify the Registrar's Office of the desired change.

Courses listed in the catalog are offered at times appropriate for maximum availability to students; listings for each term are prepared well in advance. The university reserves the right to withdraw a course if enrollment is insufficient to justify offering it at the time planned.

Every effort has been made to assure the accuracy of this catalog to the extent possible at press time. Changes in or elimination of provisions contained herein on any and all matters may be made and applied before the next published catalog. However, the latest information is maintained on line under the Office of the Provost and the Registrar's Office.

Scholastic Status Check. Each student is expected to know the information in the catalog and to verify that qualitative and quantitative requirements for a particular class rank and for proper progress toward graduation are being met. All students should check official records, degree audit and transcript periodically to confirm their status. The university does not assume responsibility for the student's unexpected failure at the last minute to meet all requirements for graduation, whether failure is due to misunderstanding or negligence concerning those requirements or to an inability to meet them.

Registration

Registration occurs prior to the beginning of each semester at dates/times announced by the University Registrar. As a general rule, registration will be permitted at the same level and classification provided:

- academic standing permits registration,
- the student's graduation (or intended term of graduation) does not precede the term for which the student is attempting to register,
- the student is currently enrolled or has been enrolled in one or more of the last three semesters including summer (see Interruptions in Enrollment below), and
- the student has been advised and given a registration PIN if this is required for the student's program or status.

Late Registration. Except under special conditions, no student is permitted to register or add courses after the last day of late registration as announced in the academic calendar. A late registration fee will be charged.

Post-Graduation Registration. Students who complete a degree and graduate must contact the Admissions Office to apply for non-degree seeking status in order to continue their enrollment at the undergraduate level.

Interruptions in Enrollment. Interruption of enrollment of one or more terms may: (1) jeopardize a student's ability to return to or complete a specific program of study, (2) disrupt course sequence toward program completion, (3) necessitate submission of additional documentation prior to registration, (4) delay graduation, or (5) negatively impact scholarship or financial aid eligibility. Some programs require or recommend continuous enrollment. Performance at another institution during a student's absence has bearing upon a student's ability to continue enrollment at WCU. Before interrupting enrollments, students should become familiar with potential ramifications that an absence in enrollment may have in terms of their ability to return or to complete a specific program.

Class Description Information

All courses offered by the university are listed in the Course Descriptions section of this catalog. For the full description of graduate courses, refer to the graduate catalog. If the entry for an undergraduate course does not carry the full description, refer to the listing for the field of study designated by the parenthetical course prefix and number.

Numbering System. Each course is identified by means of a course prefix and a three-digit number. The first digit of the number designates the level of the course and indicates the minimum class rank a student should have achieved to enroll in the course.

01-100 Noncredit courses which are not applicable to degrees

101-199 Courses for freshmen

190-199 First-Year Seminar courses

200-299 Courses for sophomores

300-399 Courses for juniors

400-499 Courses for seniors

500-799 Masters-level courses

800-999 Doctoral-level courses

Students should not enroll in courses numbered above their class rank without the permission of the department offering the course. Undergraduate students may not enroll in graduatelevel courses for either undergraduate or graduate credit except under the conditions specified in the graduate catalog. In such cases, the student must meet graduate-level requirements to receive credit.

Courses numbered 293, 294, 393, 394, 493, 494, 593, 594, 693 or 694 are for special topics that reflect a student's or faculty member's special interest not covered by regular departmental curriculum offerings. Credit in these courses varies from one to four credit hours, to be determined by the department for each offering. Students may take up to 12 hours of special topic credit in a single department/program. A particular topic course can be taught at most two times in a five-year period. If a department/program wishes to teach a particular topic course more than twice in a five-year period, it must propose the course as a regular course, subject to the curriculum review process.

The category of liberal studies to which each course applies may be found in the liberal studies requirements section. The applicable category also is indicated by the parenthetical code at the end of each course description.

Core	Perspectives
C1 Writing	P1 Social Sciences
C2 Mathematics	P2 Physical and Biological Sciences

- C3 Oral Communication P3 History
- C4 Wellness P4 Humanities
- P5 Fine and Performing Arts
- P6 World Cultures

The number 389 is reserved for cooperative education undergraduate courses, and the number 589 is reserved for cooperative education graduate courses.

Within the sequences 480-499, 580-599, 680-699, and 780-799, the second and third digits of the numbers are assigned to special types of courses:

- 80-82 Independent study and directed-readings courses
- 83-89 Internships, practicum, and special applied field projects
- 90-92 Student teaching
- 93-94 Special topics courses
- 95-98 Seminars
- 699 Thesis
- 779 Continuing Research - Non-Thesis Option
- 799 Continuing Research - Thesis Option
- 999 Continuing Research - Dissertation

Course Prefixes. The prefixes used to designate courses, except in the case of very short names such as art, are abbreviations of the names of departments or of fields of study within the departments.

Credits and Class Meetings. Unless otherwise indicated at the end of the course description, the number of hours a class meets each week is the same as the credit-hour value of the course. The credit-hour value of each course is indicated in parentheses immediately following its title. For example, if 3 hours of credit may be earned, the credit is indicated as follows: (3). In variable credit courses, the minimum and maximum hours are shown as follows: (1-3). Unless repeat credit is specified in the course description, a course may be applied only once toward the hours required for graduation. The availability of a course for repeat credit and the maximum hours that may be earned are indicated within the parentheses and immediately following the credit-hour value of the course as follows: (3, R6). In this example, the course carries 3 hours of credit and may be repeated once for a total maximum of 6 hours applicable toward a degree.

Prerequisites and Corequisites. A prerequisite (PREQ) is any special requirement, usually one or more background courses or requirements other than class rank, that must be met before enrolling in a course specifying the prerequisite. A corequisite (COREQ) is any course which must be taken during the same term as the course that specifies the corequisite. **Experiential Courses.** The maximum credit in experiential courses that may be applied toward a degree within the minimum of 120 or 128 hours required in all bachelor's programs is 26 semester hours (20 percent). The maximum credit that may be earned in cooperative education or applied field project courses/internships or in any combination of the two is 15 hours.

Credit is awarded in experiential courses on the basis of a minimum of three contact hours per credit hour.

Cooperative Education Courses. Students participating in a cooperative education work term are registered for a 389 course in the major department, or the department most closely related to the work experience. To be eligible, a student must be at least a sophomore and have a GPA of 2.0 or above. Exceptions must be approved by the departmental co-op placement adviser. A full statement of the requirements for academic credit is available from the Cooperative Education Office in the Career Services Office. Academic assignments and work performance are used to evaluate the student on an S/U basis.

Special Topics Course Policy. Courses numbered 293, 294, 393, 394, 493, 494, 593, 594, 693 or 694 are for special topics that reflect a student's or faculty member's special interest not covered by regular departmental curriculum offerings. Credit in these courses varies from one to four credit hours, to be determined by the department for each offering. Students may take up to 12 hours of special topic credit in a single department/program. A particular topic course can be taught at most two times in a five-year period. If a department/program wishes to teach a particular topic course more than twice in a five year period, it must propose the course as a regular course, subject to the curriculum review process.

Guide to Course Prefixes

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Prefix	Field of Study	Department/College
ACCT	Accounting	Accountancy, Finance, and Economics
ANTH	Anthropology	Anthropology and Sociology
ART	Art	School of Art and Design
ASI	Arts and Sciences Interdisciplinary	College of Arts and Sciences
AST	Astronomy	Chemistry and Physics
ATTR	Athletic Training Sports Medicine	School of Health Sciences
BCST	Broadcasting	Communication
BA	Business Administration	Business Administration and Law, and Sport Management
BIOL	Biology	Biology
BK	Birth-Kindergarten	Human Services
CHEM	Chemistry	Chemistry and Physics
CHER	Cherokee	Modern Foreign Languages
CHIN	Chinese	Modern Foreign Languages
CIS	Computer Information Systems	Business Computer Information Systems and Quantitative Analysis

CJ	Criminal Justice	Criminology and Criminal Justice
CLS	Clinical Laboratory Sciences	School of Health Sciences
CMCR	Communication	Communication
CM	Construction Management	Construction Management
COUN	Counseling	Human Services
CS	Computer Science	Mathematics and Computer Science
CSD	Communication Sciences and Disorders	College of Health and Human Sciences
CSP	College Student Personnel	Human Services
DA	Dance	Stage and Screen
ECET	Electrical and Computer Engineering Technology	Engineering and Technology
ECON	Economics	Accounting, Finance, and Economics
EDCI	Curriculum and Instruction	Human Services
EDEL	Elementary Education	School of Teaching and Learning
EDHE	Higher Education	Human Services
EDL	Educational Leadership	Human Services
EDM	Emergency and Disaster Management	Criminology and Criminal Justice
EDMG	Middle Grades Education	School of Teaching and Learning
EDPY	Education and Psychology	School of Teaching and Learning
EDRD	Reading	School of Teaching and Learning
EDSE	Secondary Education and Special Subject Teaching	School of Teaching and Learning
EDSU	Educational Supervision	Human Services
EE	Electrical Engineering	Engineering and Technology
ELMG	Elementary and Middle Grades Education	School of Teaching and Learning
EMC	Emergency Medical Care	School of Health Sciences
ENGL	English	English

ENGR	Engineering	Engineering and Technology
ENT	Entrepreneurship	Center for Entrepreneurship and Innovation
ENVH	Environmental Health	School of Health Sciences
ES	Environmental Sciences	Chemistry and Physics
ESI	Earth Sciences	Geosciences and Natural Resources
ET	Engineering Technology	Engineering and Technology
FIN	Finance	Accounting, Finance, and Economics
FS	Forensic Science	Chemistry and Physics
FOR	Forestry	Geosciences and Natural Resources
FREN	French	Modern Foreign Languages
GEOG	Geography	Geosciences and Natural Resources
GEOL	Geology	Geosciences and Natural Resources
GER	German	Modern Foreign Languages
GERN	Gerontology	College of Health and Human Sciences
HEAL	Health Education	School of Teaching and Learning
HIA	Health Information Administration	School of Health Sciences
HIST	History	History
HPE	Health and Physical Education	School of Teaching and Learning
HR	Human Resources	Human Services
HT	Hospitality and Tourism	Sales, Marketing, and Hospitality and Tourism
HSCC	Health Sciences	School of Health Sciences
IBUS	International Business	Global Management and Strategy
ID	Industrial Distribution	Engineering and Technology
IDES	Interior Design	School of Art and Design
JPN	Japan	Modern Foreign Languages
LAT	Latin	Modern Foreign Languages

LAW	Business Law	Business Administration and Law and Sport Management
LEAD	Leadership	Human Services
MATH	Mathematics	Mathematics and Computer Science
MBA	Master of Business Administration	College of Business
MET	Manufacturing Engineering Technology	Engineering and Technology
MGT	Management	Global Management and Strategy
MKT	Marketing	Sales, Marketing, and Hospitality and Tourism
MPTP	Motion Picture and Television Production	Stage and Screen
MUS	Music	School of Music
ND	Nutrition and Dietetics	College of Health Sciences
NRM	Natural Resources Management	Geosciences and Natural Resources
NSG	Nursing	School of Nursing
PA	Public Affairs	Political Science and Public Affairs
PAR	Philosophy and Religion	Philosophy and Religion
PE	Physical Education	School of Teaching and Learning
PHYS	Physics	Chemistry and Physics
PM	Project Management	Global Management and Strategy
PRM	Parks and Recreation Management	Human Services
PSC	Political Science	Political Science and Public Affairs
PSY	Psychology	Psychology
PT	Physical Therapy	Physical Therapy
RTH	Recreational Therapy	School of Health Sciences
SAE	Science and Entrepreneurship	Chemistry and Physics
SCI	Science Education	Biology; Chemistry and Physics; Geosciences; Natural Resources
SM	Sport Management	Business Administration and Law, and Sport Management

SOC	Sociology	Anthropology and Sociology
SOCW	Social Work	Social Work
SPAN	Spanish	Modern Foreign Languages
SPED	Special Education	School of Teaching and Learning
TEL	Telecommunications Engineering Technology	Engineering and Technology
THEA	Theatre Arts	Stage and Screen
USI	University Studies, Interdisciplinary	Academic Affairs
WLL	World Languages and Literatures	Modern Foreign Languages

Credits, Grades, and Quality Points

The basic unit of credit is the semester hour. A semester hour represents one lecture recitation hour or a minimum of one, two, or three laboratory hours a week for a semester. In experiential courses, a minimum of three hours is required per hour of credit.

Course Load for Undergraduates. The minimum full-time course load during a fall or spring semester is twelve hours. A normal load is sixteen hours; however, a student may take up to nineteen hours. Any schedule that exceeds nineteen hours constitutes an overload and must be approved by the student's adviser and the appropriate administrators as indicated on the request and approval form. Twelve hours is the maximum that may be earned in experiential courses during a semester. Course load regulations for the mini or summer session are published on the Registrar's website at www.wcu.edu/registrar.

Classification. Regular degree-seeking undergraduates are classified based upon cumulative hours earned:

Freshman	0-29 hours	Junior	60-89 hours
Sophomore	30-59 hours	Senior	90 or more hours

Grading and Quality Point System*

Grade	Interpretation	Quality Points per Semester Hour	Grade	Interpretation	Quality Points per Semester Hour
A+	Excellent	4.0	I	Incomplete	--
A	Excellent	4.0	IP	In Progress	--
A-		3.67	S	Satisfactory	--
B+		3.33	U	Unsatisfactory	--

B	Good	3.0	W	Withdrawal	--
B-		2.67	AU	Audit	--
C+		2.33	NC	No Credit	--
C	Satisfactory	2.0			
C-		1.67			
D+		1.33			
D	Poor	1.0			
D-		.67			
F	Failure	0			

*See Graduate Catalog for the graduate level grading system.

The grades of A+, A, A-, B+, B, B-, C+, C, C-, D+, D, D- and F indicate gradations in quality from Excellent to Failure. Please note that a C- grade is less than satisfactory and may not meet particular program and/or course requirements.

Students must be familiar with the class attendance, withdrawal, and drop-add policies and procedures.

Composition-Condition Marks. A student whose written work in any course fails to meet acceptable standards will be assigned a composition-condition (CC) mark by the instructor on the final grade report. All undergraduates who receive two CC grades prior to the semester in which they complete 110 hours at Western Carolina University are required to pass English 300 or English 401 before they will be eligible for graduation. This course must be taken within two semesters of receiving the second CC and must be passed with a grade of C (2.0) or better.

Incomplete. The instructor may grant a student an I grade for work not completed if there is a reasonable prospect that the student can pass the course by making up the work missed if the incompleteness is unavoidable and not caused by the student's negligence. All incomplete grades must be removed and a grade of A+, A, A-, B+, B, B-, C+, C, C-, D+, D, D-, F, S, or U must be submitted to the registrar. The work must be made up and a grade received by the registrar by the last day of classes of the next regular semester (excluding summer), or the grade will become an F. A student may not re-register for the course until the I is removed or changed to an F. The instructor is required to list the conditions to remove the I and send them to the department head. If the instructor is no longer employed by the university, the department head will remove the I upon completion of the stated requirements. In extenuating circumstances, students should refer to the "Academic Appeals Procedure" section in The Record.

In Progress. An IP (In-Progress) is assigned only in courses that have been approved for IP grading. An IP grade indicates that a grade is pending until the sequence of courses is completed. A grade of IP is appropriate as long as work remains in-progress. Once work is complete the IP grade will be replaced with an evaluative grade appropriate for the course. If a student changes programs, or changes options within a program such that credit is no longer needed to complete program requirements; or if the student ceases enrollment and the work is not completed within a year an evaluative grade will not be issued and the IP grade will be administratively replaced with NG (No-Grade) to indicate that work is no longer in-progress.

Satisfactory-Unsatisfactory. S/U grading is limited to courses in which standard or traditional grading is rendered difficult by the nature and purpose of the courses. There is no limit on the credit hours a student may earn in S/U grades except that imposed by the types of courses approved for such grading. S/U grades may not be awarded in courses unless specified in the course descriptions in this catalog and in the master class schedule. S and U are the only grades

assigned in these courses. Neither grade is used in calculating the GPA, but an S allows hours of credit while a U does not.

Audit. When space is available, a registered student may audit a course with the approval of the adviser, the instructor, and the head of the department offering the course. A completed course audit form must be submitted in order to enroll. Change from audit to credit, or the reverse, is permitted only during the regular schedule adjustment period. No credit is earned for auditing, but the audited course must not add hours in excess of the student's maximum load. An audited class will be noted on the student's transcript. Audit courses do not count toward the twelve hours required for full-time enrollment. Participation in class activities is optional with the instructor. Tuition and fees for audited courses are determined by the hour value of the courses.

Final Grade Changes. When a grade other than incomplete is reported officially by an instructor at the end of a term, the grade is recorded and can be changed only if an error was made in estimating or reporting it. The instructor will, with the approval of the department head, report the error in writing to the dean with a recommendation about the action to be taken. Only the instructor can change the grade in a course except as provided in the incomplete grade policy. In case of student appeal, or academic integrity violation the final grade may be determined by the appropriate appeal body as part of sanctions (see Academic Integrity Policy). Any request by a student for a change in a final grade must be submitted to the instructor within thirty-five days after the end of final exams.

Transcripts. Transcripts are furnished, either to the student or by mail, only after accounts are cleared and only upon the student's written request, which must include the student's signature and student identification number. There is no charge for transcripts issued.

The forgery of transcripts and diplomas or the use of such documents with intent to defraud is illegal under North Carolina law. Appropriate action will be taken.

Withdrawal Policies and Procedures

A student may find it necessary or advisable to withdraw from one or more courses during a term. In some cases, he/she may find it necessary to withdraw from the university.

Course Withdrawal. After consultation with the academic adviser and the instructor of the course, a student may withdraw from any course prior to the expiration of one-half of the term and receive a W. A completed withdrawal form must be presented to the One Stop Student Service Center prior to the withdrawal deadline for posting. Course withdrawals do not count toward the twelve hours required for full-time enrollment and no refund is given.

After one-half of a term, but prior to the fourteenth week of the semester (or before the last two class days of summer sessions), a "W" will be assigned only for written verifiable mental health, medical, legal, or administrative reasons. In order to obtain a "W", the student must first consult with the course instructor, who may elect to support or withhold support for the student's request. If the instructor supports in writing the student's request, the student must receive written verifiable support from Western Carolina University Health Services' staff, Counseling and Psychological Services' staff, an official court of law, or a college dean, as appropriate. If a withdrawal is granted by the course instructor, the head of the department offering the course, and the student's adviser, the withdrawal form must be submitted to the One Stop Student Service Center no later than the last day of the thirteenth week of the semester. No Ws will be assigned after the last day of the thirteenth week of a semester, or during the last two class days of a summer session. In extenuating circumstances, or if the student's request is not approved by any university party involved, the student can appeal through the Academic Appeal Procedure within thirty five days after the end of final exams.

University Withdrawal. To withdraw from the university (i.e. cease to attend all courses), a student must complete a withdrawal form from the Advising Center.

If an emergency prevents a student from completing the withdrawal process before leaving the campus, the student should call, write, or arrange for a relative to contact the Advising Center at 828-227-7753.

Any time a student is forced to withdraw from the university during a term for mental health, medical, legal, or administrative reasons which are verified in writing, a grade of W will be assigned in all courses in which the student is

registered. If a student withdraws from the university for other than mental health, medical, legal, or administrative reasons after one-half of the total class time has elapsed, an F, W, or I grade will be assigned by the instructor according to the following guidelines:

1. A W grade will be assigned if the student is passing or if the student's progress has not been evaluated.
2. An I grade will be assigned if the instructor agrees that there is a reasonable prospect that the work can be made up and agrees to allow the student to do so.
3. An F grade will be assigned if the student is failing.

Current policies and procedures pertaining to grades, indebtedness, and refunds are applicable upon withdrawal from the university. A student who withdraws from the university either during or at the end of a term for any reason is responsible for clearing any indebtedness to Residential Living, bookstore, financial aid office, controller's office, library, university police department, academic departments, and health services.

Psychological/Mental Health University Withdrawal and Readmittance. If a student obtains a psychological or mental health withdrawal, readmittance to Western Carolina University is contingent upon review by Counseling and Psychological Services to ensure that recommended services can be obtained. These students will not be allowed to preregister or register for future classes until they have met the criteria outlined at the time of withdrawal.

Return to Residential Hall after Psychiatric Hospitalization. Students hospitalized for psychiatric reasons, while living in the residence halls, must meet the Guidelines for Conditional Return to Residence Hall before returning to live in the residence hall. This includes meeting with Residential Living and Counseling and Psychological Services Center staff to address personal safety and related concerns.

Withdrawal for Deployment or Other Military Contingency. Students who must withdraw from a course or from the university for reasons of deployment or other military contingency will be allowed to do so without penalty and with full refund during any part of the academic term. The Advising Center will work with the Office of Military Education, as needed, to substantiate the validity of the withdrawal request. Requests to withdraw based on attendance of non-emergency or routine training courses will not automatically be approved, but will be considered on a case-by-case basis.

Class Attendance Policy

I. General Attendance Policy: All students are expected to attend and participate in all meetings of the courses in which they are enrolled; any absence is incurred at the student's own risk.

Each instructor will establish the attendance requirements, make-up procedures, and guidelines for absences in each course and the effect that irregular attendance, lack of participation, and inadequate preparation will have upon a student's grade. Attendance requirements and their relationships to grades shall reflect the norms of the department and college and should not conflict with university policy herein. The instructor will distribute written attendance policies to students at the beginning of each term. An instructor may establish special and more demanding attendance requirements for students who are performing less than satisfactorily. Each student is responsible for complying with the announced procedures for making up missed work.

Students with more unexcused absences than the semester hours given for a course can expect the instructor to lower their final grade, especially in a 100-(freshman) or 200-(sophomore) level course. Missing approximately 10% of class meeting times (e.g. 4-5 MWF classes, 3 TR classes, or 1 laboratory or night class) or more constitutes a significant amount of class materials and experience and is very difficult, if not impossible, to make up. Class attendance may be required of undergraduate students as a condition of admission or readmission to the university or of eligibility to continue enrollment.

II. University Excused Absences: In addition to a documented and bona fide medical emergency, the death of an immediate family member, or pre-arranged absence for religious observance, excused absences are granted for university events that include performances and events sanctioned by the Chancellor to promote the image of the university, regularly scheduled university team competitions (athletic and otherwise) including postseason play

(practices and training sessions are excluded) and, in addition, student engagement sponsored by the institution and approved by the Provost (e.g. research presentations and performances at national conferences or events).

According to North Carolina General Statute 116-11(3a) a student may request absences for required religious observances required by faith. To obtain permission to be absent for religious reasons, a student must complete the Absent Due to Required Religious Observance Form, obtain all necessary signatures, submit it to each instructor for review and approval, and submit to the Senior Academic Vice Chancellor for Academic Affairs for final approval at least two weeks prior to the proposed absence. Students are encouraged to discuss these absences with the faculty member prior to the end of drop/add in case the absence will unavoidably keep the student from completing the requirements of the course. However, if the student completes the form and submits it to the instructor prior to the two-week time frame, he/she shall be given the opportunity to make up any tests or other work missed due to an excused absence for a required religious activity.

Individual class requirements such as field trips, field research or service learning activities are not considered institutional events. Faculty who schedule outside activities may request other faculty to excuse students from their classes so they may attend the outside event. However, individual faculty will determine whether the absence is excused or not. Should students be unable to attend the outside class event because of required attendance in other classes, they will not be penalized by the professor offering the outside activity.

An instructor is expected to honor a valid university excuse for an absence and to provide reasonable make-up work if the student notifies him or her of the approved absence at least one class period prior to the date of absence. A student who misses class work because of a university excused absence is responsible for contacting the instructor within one class meeting after returning to make satisfactory arrangements that the instructor deems appropriate for a make-up. Excused absences should not lower a course grade if the student is maintaining satisfactory progress in the class and has followed the instructor's make-up procedures. Class experiences that are impossible to make up should be discussed during the first week of classes when there is sufficient time for a student to drop the course.

A student who anticipates missing a high number of classes (i.e. 10% or more of class time) for excused absences is required to discuss this issue with the instructor during the first week of classes to determine the possible solutions or consequences. Courses in professional programs with accreditation or licensure requirements should not be taken in a semester where a student anticipates a high number of absences.

The trip or activity sponsor must obtain written permission to travel as soon as possible and give each student a copy of the approved request. Each student must give the request to the instructor as soon as possible but ideally at least one week prior to the day of the absence. The request should contain the name of the sponsor and group, the purpose, date(s), location of the event, and time and the names of the participating students.

The forms for University Sponsored Absence and Class Absence due to Required Religious Observance are found on the Registrar's webpage at <http://www.wcu.edu/24089.asp>.

III. Drop For Non-Attendance: An instructor will have the discretion to cancel a student's registration for a course if the previously registered student fails to attend the first class meeting and fails to notify the instructor prior to the end of the first day of class. Students may re-register for the course on a seats-available basis up through the end of drop/add (5th day of semester).

Although instructors may drop students for non-attendance, students should not assume that this will occur. Students are responsible for dropping a course, if that is their intent, to avoid a grade of W or F.

Student appeals resulting from emergencies or other extenuating circumstances will be considered on a case-by-case basis by the department head or in the appropriate dean's office. Re-registration will not be permitted for any reason after census day (10th day of semester).

IV. Religious-Holiday Observance Policy: WCU allows two days of absence each academic year for religious observances required by faith. To obtain permission to be absent for religious reasons, a student must complete the Absent due to Required Religious Observance form, obtain all necessary signatures, submit it to each instructor for review and approval, and submit it to the Senior Associate Vice Chancellor for Academic Affairs for final approval at

least two weeks prior to the proposed absence. Students are encouraged to discuss these absences with the faculty member prior to the end of the drop/add in case the absence will unavoidably keep the student from completing the requirements of the course. However, if the student completes the form and submits it to the instructor prior to the two week time frame, he/she shall be given the opportunity to make up any tests or other work missed due to an excused absence for a required religious observance.

Final Examination Schedules

An end-of-course evaluation of student work is required in every credit course. End-of-course evaluation may take the form of final exams, reports, projects, performances, portfolios, research papers, conferences, etc.

Many end-of-course evaluations are written final exams. In order to reduce conflicts and final evaluation overloads for both students and faculty, a final examination schedule is developed by the registrar for the entire university. All final exams are to be administered at their designated times and places during final exam week. Change in time of an examination for an entire class for any reason must be approved by the head of the department, by the dean of the college, the vice chancellor for academic affairs, and the chancellor.

No student is required to take more than two final exams on any one day. Any student who has three final exams scheduled on one day has the option of taking all three or submitting to the professors a written request for rescheduling. However, a request to have an examination rescheduled must be made in writing at least five days before the examination is scheduled.

To reschedule, the following steps should be taken:

1. The student should request in writing a change in date from the instructors of the courses that present the conflict.
2. If the conflict is not resolved, the student should work with his/her academic adviser to have one of the exams rescheduled.
3. If the conflict still cannot be resolved, the student should work with the Office for Academic Affairs to have one of the exams rescheduled.

Other end-of-course evaluations, whatever form they take, must also be administered and completed during final exam week.

Graduation and Certification

Application for Graduation. Students must apply to graduate to have a degree conferred. The application for graduation can be found online in MyCat. Students should apply to graduate during the semester prior to the semester in which they will complete degree requirements. Students should pre-register for their final courses and review their degree audit to verify all requirements have been met before they apply to graduate. A graduation fee (\$60) will be charged. Students who wait until their final semester to apply to graduate may be assessed a late fee.

Specific deadlines for filing degree applications are listed in the Academic Calendar.

Certification and Licensure. Completion of a bachelor's degree in teacher education, nursing, or health sciences qualifies a student to seek the appropriate certification or licensure. Information about the policies and procedures is available from the dean of the appropriate college. Procedures for teacher licensure are found in the College of Education and Allied Professions section of the catalog.

Academic Integrity Policy

This policy addresses academic integrity violations of undergraduate and graduate students. Graduate students should read inside the parenthesis below to identify the appropriate entities in charge of that step of the process.

Students, faculty, staff, and administrators of Western Carolina University (WCU) strive to achieve the highest standards of scholarship and integrity. Any violation of the Academic Integrity Policy is a serious offense because it threatens the quality of scholarship and undermines the integrity of the community. While academic in scope, any violation of this policy is by nature, a violation of the Code of Student Conduct and will follow the same conduct process (see Article VII.B.1.a.). If the charge occurs close to the end of an academic semester or term or in the event of the reasonable need of either party for additional time to gather information timelines may be extended at the discretion of the Department of Student Community Ethics (DSCE).

Violations of the Academic Integrity Policy include:

Cheating - Using or attempting to use unauthorized materials, information, or study aids in any academic exercise.

Fabrication – Creating and/or falsifying information or citation in any academic exercise.

Plagiarism - Representing the words or ideas of someone else as one's own in any academic exercise.

Facilitation - Helping or attempting to help someone to commit a violation of the Academic Integrity Policy in any academic exercise (e.g. allowing another to copy information during an examination)

The procedures for cases involving allegations of academic dishonesty are:

Undergraduate (Graduate) Process

Graduate students should read inside the parenthesis to identify the appropriate entities in charge of that step of the process.

1. Faculty members have the right to determine the appropriate sanction(s) for violations of the Academic Integrity Policy within their courses, up to and including a final grade of "F" in the course. Within five (5) days of the instructor's knowledge of the alleged violation of the Academic Integrity Policy, the instructor will inform his/her department head (Associate Dean of the Graduate School) in writing of the allegation and proposed sanction(s).
2. The Faculty member will meet with the student to inform him/her orally and in writing of the allegation and the sanction(s) imposed within ten (10) days of knowledge of the alleged violation. If the student is part of a distance learning program and does not have face-to-face interaction with the faculty member, the meeting may take place over the phone. Should either the student or faculty member feel uncomfortable about this meeting, either party may bring an advisor to this meeting. Prior to this meeting, the faculty member will contact the DSCE (227-7234) to establish if the student has any record of previous academic integrity violations. If a previous academic integrity violation exists, the matter must be referred directly to the DSCE.
3. If the case is a first offense, the student can choose to accept the allegation and proposed sanction(s) from the faculty member by signing a Mutual Resolution or can choose to have a hearing with the Academic Integrity Board (Graduate Academic Integrity Board). Prior to the meeting with the student, the faculty member will complete the Academic Integrity Violation Form (dsce.wcu.edu). Once complete, the faculty member will present it to the student, who must choose to either accept the proposal or go to a hearing. After the student has made a decision the faculty member is responsible for submitting copies to the student, the faculty member's department head, and the DSCE. The DSCE should also receive any supporting documentation such as the assignment in question, the course syllabus, etc. Mutual Resolutions are final and are not subject to further review or appeal. The DSCE will maintain these files and provide the faculty member and department head confirmation of receipt.
4. In instances of second offenses, or when the student chooses a hearing, the DSCE and student will schedule a hearing orientation meeting to discuss the hearing process and schedule a hearing. The date of the hearing will not be fewer than ten (10) days after receipt of written notice. The student can waive minimum notice of a hearing; however, extensions are at the sole discretion of the DSCE. Should the student choose not to attend his/her hearing orientation meeting, the DSCE will assign a hearing date.

5. Hearings shall be conducted by the Academic Integrity Board (Graduate Academic Integrity Board) according to the following guidelines:

(a) Hearings shall be conducted in private. (b) Admission of any person to the hearing shall be at the discretion of the chair of the Academic Integrity Board (Graduate Academic Integrity Board) and/or the DSCE. (c) Charges against multiple students involved in the same incident may be heard in a single hearing only if the accused student(s), complainant(s), and the DSCE consent to such a proceeding. (d) The complainant (faculty member) and the accused each have the right to be assisted by any adviser they choose, at their own expense. The complainant and the accused are both responsible for presenting their own cases. Advisers are not permitted to speak or to participate directly in any hearing before the Academic Integrity Board (Graduate Academic Integrity Board) (e) The DSCE and the Academic Integrity Board (Graduate Academic Integrity Board) must assure that the accused student has the capability to present his/her information and defense at the hearing. The method for assuring this capability may vary depending on the nature of the case. Upon a determination of incapability, the DSCE must advise the accused to seek assistance or may assign an adviser to the accused. (f) Prior to the hearing, the complainant, and the accused have the right to review any written information that will be used at the hearing and to obtain a list of witnesses intended to be called. (g) Pertinent records, exhibits, and written statements may be accepted as information for consideration by a hearing body to the extent that the information is relevant, credible, not prejudicial to the fairness of the proceedings, and does not otherwise infringe upon the rights of other students. (h) All procedural questions are subject to the final decision of the chair of the Academic Integrity Board (Graduate Academic Integrity Board). (i) During the closed deliberations of the hearing, the Academic Integrity Board (Graduate Academic Integrity Board) shall determine by majority vote whether the student has violated each section of the code with which the student has been charged. (j) The Academic Integrity Board's (Graduate Academic Integrity Board's) determination shall be made on the basis of whether it is more likely than not (a preponderance of the information) that the accused student violated the code. (k) The following order of presentation is recommended for use in formal hearings. The order may be changed at the discretion of the chair of the Academic Integrity Board (Graduate Academic Integrity Board).

1. Presentation of formal charges. 2. Opening statements by the complainant and by the accused. 3. Presentation of information and witnesses, and cross-examination by the complainant and by the accused. 4. Closing statements by the complainant and then by the accused. 5. The Academic Integrity Board (Graduate Academic Integrity Board) will then go into closed deliberations. The accused student, complainant, and all witnesses, unless released by the chair, are required to remain in close proximity to the hearing, should the Academic Integrity Board (Graduate Academic Integrity Board) need to recall. 6. When deliberations are complete, the accused student and complainant are recalled and the chairperson verbally delivers the finding of the hearing body. If the student is found not-responsible the hearing is then complete. If the student is found responsible for the violation(s) the board will once again go into closed deliberations to determine sanctioning.

6. There shall be a single verbatim record, such as a recording, of all hearings before the Academic Integrity Board (Graduate Academic Integrity Board). The record shall be the property of the university.

7. In all cases, the information in support of the charges shall be presented and considered. Thus, if the accused student chooses not to be present at his/her hearing, the hearing will continue in absentia. A student's absence at his/her hearing is not a violation of the code; however it prevents that student's voice from being heard.

8. During the closed deliberations of the hearing, the Academic Integrity Board (Graduate Academic Integrity Board) shall deliberate to determine if the accused is responsible for violations of the code. If responsibility for a violation is found, the hearing body will impose appropriate sanction(s) as outlined in Article VIII of the Code of Student Conduct. After a finding of responsibility and before determination of sanction(s), the hearing body may review the disciplinary history of the accused student and/or victim-impact statements. If the hearing body determines that expulsion is an appropriate sanction, that finding must be in the form of a

recommendation to the Vice Chancellor for Student Affairs, who makes the final administrative decision in all expulsion cases. Final administrative decision must be reached within forty-five (45) days and transmitted in writing to the student within ten (10) days of the decision.

9. In cases other than those which result in a recommendation of expulsion, the final administrative decision must be transmitted to the student in writing within ten (10) days of the date the decision is made, and it must contain a brief summary of the information upon which the decision is based and appeal rights must be specified by the DSCE.

10. The Academic Integrity Board (Graduate Academic Integrity Board) will consist of two (2) students from the DSCE Student Hearing Board (Graduate Student Representatives) and three (3) faculty members (Graduate Faculty Representatives). The DSCE faculty fellow may be one of the faculty members and may serve as the chair. The other two (2) faculty members will be chosen by the DSCE from a pool of twelve (12) faculty hearing officers. Each academic year, each college dean will appoint two (2) faculty members from his/her college to comprise the pool of twelve (12) faculty hearing officers. In the event that there is no DSCE faculty fellow the third faculty member on any Academic Integrity Board (Graduate Academic Integrity Board) will be chosen from the pool. The Academic Integrity Board (Graduate Academic Integrity Board) may impose any sanction(s) as outlined in Article VIII in the Code of Student Conduct. Students given a sanction of probation for a violation of the Academic Integrity Policy will remain on probation at WCU until graduation. In the event the Academic Integrity Board (Graduate Academic Integrity Board) assigns a sanction which requires review, the faculty member bringing the charges and the chair of the Academic Integrity Board (Graduate Academic Integrity Board) will determine if the sanction is satisfactory. These educational sanctions are independent from course work and do not have any bearing on a student's evaluative grade.

11. Following a decision from the Academic Integrity Board (Graduate Academic Integrity Board), the DSCE will inform the student of the outcome of the hearing in writing. If a student is found responsible, the DSCE will inform him/her of the sanction(s) to be imposed and of his/her right to file an appeal with the University College Academic Action Committee. If the student does not file an appeal within five (5) days of the hearing, the sanction(s) from the hearing body will be imposed. The appeal is limited to the following rules, procedures, and existing verbatim record.

12. Upon final resolution of a case involving suspension or expulsion, the DSCE will inform the appropriate dean, department head (Graduate Program Director), and the administrator in the One Stop Office who is responsible for University Withdrawals of the sanction(s).

Any violation of the Academic Integrity policy, including a first offense, may place the student in jeopardy of suspension from the university. A repeated violation or more serious first offense may result in expulsion. Disciplinary records for any act of academic dishonesty are retained by the DSCE for at least eight (8) years from the date of final adjudication. These records are available to prospective employers and other educational institutions in accordance with federal regulations. Students may inspect their conduct files in accordance with University Policy #72 – Student Records.

Grounds for Appeal:

An appeal shall be limited to review of the verbatim record of the initial hearing and supporting documents for one or more of the following purposes to be included in the letter of appeal:

- A violation of due process
- A material deviation from Substantive and Procedural standards adopted by the Board of Governors.

Process for Appeal:

- Based on the grounds listed above, any decision reached or sanction(s) imposed by the Academic Integrity Board (Graduate Academic Integrity Board) shall be afforded at least one level of appeal. In cases that do not result in University suspension/expulsion the decision made by the College Academic Action Committee is final and there will be no further appeals.

- Cases that result in a sanction(s) of university suspension/expulsion can be appealed to the College Academic Action Committee, and then to the Vice Chancellor of Student Affairs, and then to the Chancellor.
- Cases can be appealed by the accused student or the complainant.
- A formal notice of appeal shall be in writing and shall be delivered to the appellate body within five (5) calendar days of the decision.

Timeline for Appeal:

- A formal written appeal is due to the College Academic Action Committee within five (5) days of the hearing, or receipt of the hearing findings letter, whichever is first.
- Upon receipt of the appeal, the College Academic Action Committee must render a decision within five (5) days, and notice of the appellate decision must be communicated within ten (10) days of the decision.
- Should the student have the ability and wish to appeal that decision, a formal written appeal is due to the Vice Chancellor of Student Affairs within five (5) days of the receipt of the hearing findings letter.
- Should the student have the ability and wish to appeal to appeal that decision, a formal written appeal is due to the Chancellor within five (5) days of the receipt of the hearing findings letter.
- At all times the DSCE reserves the authority to make exceptions to timelines on a case-by-case basis (e.g. university closures, holidays, ends of semester, etc.)

Outcomes for Appeal:

- If an appellate body upholds the findings of the hearing body, the review of the case may result in reduced or adjusted sanctions, but may not increase the sanction(s) imposed by the original hearing body.
- Procedures for appeals are determined by the appellate body and shall be communicated to the appealing student in advance of the appeal.
- If the appeal is denied, the student must comply with the original sanction(s).
- Students are not expected to complete any assigned sanctions during this process until they have exhausted their appellate process and the case is completed.

Note: Resolution of academic honesty complaints will be handled according to the provisions of the Academic Honesty Policy. Records of academic dishonesty cases are maintained in the Office of Student Judicial Affairs.

For specific information on procedures for cases involving allegations of academic dishonesty, see relevant sections in the *Student Handbook*.

Family Educational Rights and Privacy Act

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. These rights include:

1. The right to inspect and review the student's education records within 45 days of the day the University receives a request for access. Students should submit to the registrar's office written requests that identify the record(s) they wish to inspect. The registrar's office will make arrangements for access and notify the student of the time and place where the records may be inspected.
2. The right to request the amendment of the student's education records that the student believes are inaccurate or misleading. Students who believe that their education records contain information that is inaccurate or misleading, or is otherwise in violation of their privacy or other rights, may discuss their problems informally with the university director of Equal Opportunity Programs. If the decision is in agreement with the students' requests, the appropriate records will be amended. If not, the students will be notified within a reasonable

period of time that the records will not be amended, and they will be informed by the director of Equal Opportunity Programs of their right to a formal hearing.

3. The right to consent to disclosures of personally-identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent. One exception that permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is a person employed by the University in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the university has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.
4. The right to file a complaint with the Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue, SW, Washington, D.C. 20202-4605 concerning alleged failures by Western Carolina University to comply with the requirements of FERPA.

Western Carolina University hereby designates the following categories of student information as public or "Directory Information." Such information may be disclosed by the institution for any purpose, at its discretion.

- Student name
- Local and home address
- Telephone numbers
- Classification
- Parent/guardian
- County
- Major field of study
- Photograph
- Dates of attendance
- Degrees
- Honors and awards received
- The most recent previous educational agency or institution attended by the student
- Participation in officially recognized activities and sports
- Weight and height of members of athletic teams
- Electronic mail (E-mail) address.

Students may withhold directory information by notifying the One Stop Student Service Center in writing within five working days from the first day of classes for the fall term, or by the first day of classes for subsequent terms. Students are warned, however, prior to making a decision to withhold personally-identifiable data, that undesirable consequences frequently occur, such as names of students on the Deans' List are not published, names are not listed in commencement bulletins, and requests from prospective employers are denied. Forms are available at the One Stop Student Service Center and on the Web at registrar.wcu.edu/forms.

Western Carolina University's complete FERPA policy may be obtained from the One Stop Student Service Center.

Students' Education Records At General Administration of The University of North Carolina: Annual Notification of Rights

Certain personally-identifiable information about students (education records) may be maintained at The University of North Carolina General Administration, which serves the Board of Governors of The University system. This student information may be the same as, or derivative of, information maintained by a constituent institution of The University, or it may be additional information. Whatever their origins, education records maintained at General Administration are subject to the federal Family Educational Rights and Privacy Act of 1974 (FERPA).

FERPA provides that a student may inspect his or her education records. If the student finds the records to be inaccurate, misleading, or otherwise in violation of the student's privacy rights, the student may request amendment to the record. FERPA also provides that a student's personally-identifiable information may not be released to someone else unless (1) the student has given a proper consent for disclosure or (2) provisions of FERPA or federal regulations issued pursuant to FERPA permit the information to be released without the student's consent.

A student may file with the U.S. Department of Education a complaint concerning failure of General Administration or an institution to comply with FERPA.

The policies of the University of North Carolina General Administration concerning FERPA may be inspected in the office at each constituent institution designated to maintain the FERPA policies of the institution. Policies of General Administration may also be accessed in the Office of the Secretary, General Administration, The University of North Carolina, 910 Raleigh Road, Chapel Hill, North Carolina, 27515.

Further details about FERPA and its procedures at General Administration are to be found in the referenced policies. Questions about the policies may be directed to Legal Section, Office of the President, The University of North Carolina, General Administration, Annex Building, 910 Raleigh Road, Chapel Hill, North Carolina (mailing address P.O. Box 2688, Chapel Hill, North Carolina 27515-2688; telephone 919-962-4588).

Student Health Insurance Requirement

In 2009, the UNC Board of Governors approved the implementation of a hard waiver student health insurance plans on all sixteen 4-year campuses beginning in the Fall of 2010. Students must show evidence of an existing creditable coverage health insurance policy or enroll in the UNC system-wide plan.

Additional information about student health insurance can be found on the university's website at studenthealthins.wcu.edu.

Academic Standing

A student's academic standing during any term is determined by the cumulative grade point average (GPA) earned on the total quality hours. To be in good academic standing, a GPA of 2.0 must be maintained. A student who is not in good academic standing is not eligible for graduation.

Students on academic warning or academic probation are eligible to attend the university under specified provisions but are not in good standing.

Quality Points and Grade Point Average. A quality point is the numerical value assigned to a letter grade. The quality points earned in a course are determined by multiplying the quality point value of the grade earned by the credit-hour value of the course. The GPA is determined by dividing the total number of quality points by the total number of semester quality hours.

The credit hours earned in all of the university's off-campus, degree-credit courses are awarded quality points on the same basis as courses on the Cullowhee campus.

Quality Hours. "Quality hours" refers to the total credit-hour value of all Western Carolina University courses in which a student has regularly enrolled and earned grades from A to F.

Transfer Hours. "Transfer hours" refers to the total credit-hour value of courses accepted toward a degree not earned by regular enrollment in Western Carolina University courses. This includes hours earned through (1) transfer of credit from other institutions, (2) military service courses, and (3) credit for experiential learning.

Academic Honors

The GPA for honors is computed only on work completed at Western Carolina University.

The Dean's List. To be on the deans' list each semester, a student must have a GPA of 3.50 or higher on a regular semester's work of not less than twelve hours, excluding remedial courses, with no grade of D+, D, D-, F, or an I.

Graduation with Honors. To graduate *summa cum laude*, a student must have earned a minimum GPA of 3.90 on quality hours attempted at Western Carolina University for the degree; to graduate *magna cum laude*, a GPA of 3.70; and to graduate *cum laude*, a GPA of 3.50. In case of transfer hours from other institutions, a student must earn the appropriate GPA in all courses taken at Western Carolina University in order to graduate with honors.

To be designated University Scholars, students must have enrolled as freshmen and completed their entire undergraduate careers at Western Carolina University with a GPA of 4.00. Students who meet this requirement, except

for courses taken with permission at other institutions as transients, are eligible for designation as University Scholars. Students who wish to be part of the Honors College Scholar Program should contact the Honors College at 828-227-7383.

To be awarded an honors degree, a student must have successfully completed the Honors Program. With the appropriate GPA, a student receiving an honors degree will also receive the designation *cum laude*, *magna cum laude*, or *summa cum laude*.

The names of students graduating with honors must be jointly passed upon by the provost, senior vice chancellor for academic affairs and the registrar.

Academic Probation Policies

Academic Probation for Continuing Students. Continuing students are placed on academic probation when their cumulative WCU grade point average (GPA) falls below 2.0. At the end of the term of academic probation, students must achieve one of the following:

- a. Raise the cumulative GPA to good standing (2.0), or
- b. Earn a minimum 2.30 GPA during the probationary term.

Failure to achieve one of the above academic criteria will result in academic suspension.

Academic Probation for First Semester Freshmen and New Transfers. In addition to the above criteria, first semester freshmen and new transfer students who are placed on academic probation must meet specific guidelines in order to continue enrollment in the University.

First semester freshmen and new transfers who earn a cumulative GPA within the range of 1.0 to 1.999 at the end of their first semester may return to the University for their second semester only if they choose to participate in the Learning Contract program.

Learning Contract Program. First semester freshmen and new transfers will be placed on academic probation if their GPA falls within the range of 1.0 to 1.999 at the end of their first semester. Students placed on academic probation with a cumulative GPA in this range at the end of their first semester must participate in the Learning Contract program during their second semester. Students who do not choose this option are not eligible to continue enrollment in the University for one term. If readmitted after a lapse in enrollment, students are reminded that they will return to WCU under the general guidelines for academic probation.

The Learning Contract Program specifies that these students work closely with an academic advisor. The student and advisor will discuss academic performance issues, set realistic goals, and make the necessary plans to reach those goals. Students will be linked with the campus resources that can help them succeed. Follow-up contacts will occur throughout the semester.

When appropriate, students should use the University's grade replacement policy to improve their academic standing (excluding the First Year Seminar).

Additionally, these students must make at least a 2.30 GPA during their second semester or bring their cumulative grade point average to good standing (2.0). Failure to achieve these guidelines will result in academic suspension.

Academic Suspension Policies

Academic Suspension for Continuing Students. Academic Suspension from the University will occur as a result of failing to meet the criteria specified while on academic probation.

Students placed on academic suspension are not eligible to enroll in the University for one semester. After a one-semester suspension, students may apply for readmission to the University. If readmitted, students will return on academic probation.

The semester of suspension is intended to provide students with time to carefully consider the reasons for academic difficulty, resolve problems, clarify educational goals, and improve academic skills. If a student attends another institution while on suspension, the student must have a minimum 2.0 GPA on all work attempted since their last enrollment at Western Carolina University. Students are reminded that grades made in transferred courses are not computed in the GPA calculation at Western Carolina University.

Academic Suspension for First Semester Freshmen and New Transfers. First semester freshmen and new transfers who earn a cumulative GPA below a 1.0 at the end of their first semester will be placed on academic suspension and will not be eligible to enroll in the University for one semester. After a one-semester suspension, students may apply for readmission to the University. If readmitted, students will return on academic probation.

The semester of suspension is intended to provide students with time to carefully consider the reasons for academic difficulty, resolve problems, clarify educational goals, and improve academic skills. If a student attends another institution while on suspension, the student must have a minimum 2.0 GPA on all work attempted since their last enrollment at Western Carolina University. Students are reminded that grades made in transferred courses are not computed in the GPA calculation at Western Carolina University.

Appeal Process of Academic Suspension

Appeals for reinstatement without having to serve a specified period of suspension are approved or denied by the Academic and Admission Appeals Board (referred to as "Board"). The Board's decision is final. The Board's decision is based upon the student's letter of appeal which includes the reason for poor academic performance, documentation of extenuating circumstances, and a plan for rectifying the academic performance and raising the GPA to acceptable standards, as well as the student's previous academic history. Requests for reinstatement must be submitted to the Advising Center by the deadline stated in the academic suspension notification letter. Instructions for completing the request for reinstatement are included in the suspension notification letter. A student whose appeal for reinstatement is approved will be designated as "Suspended/Reinstated" on his or her academic record.

Readmission After Suspension. Students who have been out the required amount of time may apply for readmission in the same manner as other former students. See the "Admission of Former Students" in this catalog.

Academic Action Appeal Policy

A student (undergraduate or graduate) has the right to appeal a final assigned grade or dismissal from a program level. A student may only appeal a final grade or program dismissal if he/she can show the grade or program dismissal was assigned *arbitrarily or impermissibly*. A student who wishes to appeal a grade on a particular assignment or exam can do so if it affects their final assigned grade or dismissal from a program.

A final grade or program dismissal is deemed to have been assigned arbitrarily or impermissibly if, by a preponderance of the evidence, a student establishes that:

1. The final grade or dismissal was impermissible based in whole or in part upon the student's race, color, religion, national origin, age, sex, disability, sexual orientation, or for some other arbitrary or personal reason unrelated to the instructor's reasonable exercise of his or her professional academic judgment in the evaluation of the academic performance of the student; or
2. The final grade or program dismissal was assigned in a manner not consistent with the standards and procedures for evaluation established by the instructor, the program, or the University in the Catalog, in the course syllabus, or during the class/program in written or oral communications directed to the class/program as a whole; or
3. The final grade or program dismissal was the result of a clear and material mistake in calculating or recording grades or other evaluation.
4. Individual elements (e.g., assignments, tests, activities, projects) which contribute to a final grade are generally NOT subject to appeal or subsequent review during a final grade appeals

procedure. However, individual elements may be appealed under these procedures providing all of the following conditions are met: a) The student presents compelling evidence that one or more individual elements were graded on arbitrary or impermissible grounds; b) Grounds can be established for determining a professionally sound grade for the appealed element(s); and c) The ensuing grade for each appealed element would have resulted in a different course grade than that assigned by the faculty member.

If dismissal from the Graduate School is a result of grades (3 C's or an F), the student may appeal the grade causing the dismissal. If the appeal is unsuccessful, the dismissal stands; the student cannot appeal the dismissal as well as the grade because dismissal is based upon the grades. If the appeal is successful, the dismissal will be rescinded.

If a student is appealing dismissal from a program, or a final assigned grade that results in dismissal, the student shall be allowed to continue taking courses until the appeal is resolved (with the approval of the program in which the classes are taken), with the exception of clinical placements or internships, or when the students' continued participation is deemed by the program director or department head to be harmful or disruptive to other students and/or the program.

If the appeal is unsuccessful and the dismissal stands, the student will be removed from any classes in which he or she is registered and will be responsible for any tuition and fees accrued as a result of registration during the appeals process.

Academic Action Appeal Procedure Overview:

Students who wish to appeal a final assigned grade or dismissal from an academic program for any reason other than academic dishonesty should follow, in order, the academic appeal procedure outlined below. (n.b. For these procedures, a "working day" = a day classes are held on campus)

Appeals of a final assigned grade and appeals of dismissals from an academic program follow similar procedures:

1) Appeal to Instructor; 2) Appeal to Department Head (The term "Department Head" in these procedures refers both to Department Heads and School Directors); 3) Appeal to Academic College – Associate Dean – may dismiss appeal or send to: 4) College Academic Action Committee Review; or 5) Academic Dean Review.

An Appeal to Provost is only allowed for (1) alleged violations of procedures, (2) discrimination based on a protected class, or (3) the student's exercise of rights guaranteed by the United States Constitution. No right of appeal is available beyond the Provost.

Final Grade Appeal Procedures

The following procedures detail the steps for appealing a final assigned grade (whether or not that grade results in dismissal from the Graduate School). The student is encouraged to meet/talk with the instructor prior to filing a formal appeal.

The student must demonstrate that the grade was impermissibly or arbitrarily assigned (see Academic Action Policy). That the student simply disagrees with the assigned grade does not constitute a basis for a review.

(Step 1) Appeal to Instructor: Within 35 calendar days after the student receives notification of the academic action (grade) the student should submit a formal written appeal to the instructor. This appeal must include: a) a statement of the reason(s) why the student believes the grade was impermissibly or arbitrarily assigned (see policy Academic Action Appeal Policy) b) the resolution sought.

If the grade being appealed is leading to dismissal from the Graduate School, the Dean of the Graduate School should be copied on the student's initial appeal. All correspondence should include contact information.

The instructor must respond to the student's request in writing as soon as possible (no later than ten working days after receiving the student's written appeal). This response should detail whether or not the instructor is approving or denying the appeal.

(Step 2) Appeal to Department Head: If the student is unable to resolve the grievance through the appeal to the instructor, the student should submit a written appeal to the department head within 10 working days of receiving the instructor's written response (from Step 1). If the department head is the instructor for the grade assigned, the associate dean of the department's college will serve this function. Students appealing to the department head assume the burden of proof. Therefore, the appeal must include: a) A statement of the reason(s) the student believes the grade was impermissibly or arbitrarily assigned; b) The steps taken to resolve the disagreement over the assigned course grade; and c) The resolution sought.

The appeal must be accompanied by evidence the student believes supports the conclusion that the grade was impermissibly or arbitrarily assigned. Evidence might include papers, tests, syllabi, or written documentation.

Within ten working days of receiving this appeal, the department head will attempt to resolve the appeal. If the department head is unable to resolve the appeal within ten working days, the department head will notify the student of the decision, and the student has 10 days to appeal to the associate dean of the academic college.

(Step 3) Appeal to the Academic College (Associate Dean Review): If appealing to the academic college, the student should forward (to the associate dean of the academic college) his/her initial Appeal to the Instructor and response from the instructor (from Step 1), the subsequent Appeal to the Department Head, and the department head's written notification (from Step 2). Upon receipt of the appeal and aforementioned materials the associate dean may request further information from the student, the instructor, and/or the department head.

If the associate dean concludes that the facts alleged by the student do not constitute permissible grounds for appeal as set forth in this Academic Action Appeal Policy or Procedures, the associate dean may, in consultation with the Dean and Graduate Dean if applicable, dismiss the review. The student will not be allowed any further appeal.

If the associate dean determines that the facts alleged in the student's written appeals could, if true, constitute a violation of the Academic Action Appeal Policy or Procedures, the associate dean, within ten working days of receiving all information, shall refer the case to the College's *Academic Action Committee*.

(Step 4) Academic Action Committee Review: The *College Academic Action Committee* (CAAC) will consist of faculty members (who do not teach in the program from which the appeal originated) and students as designated by the academic college (graduate or undergraduate based upon appeal) appointed by the appropriate Academic Dean or Associate Dean. At least two of the faculty members shall be selected from "allied" disciplines or programs. The Associate Dean will serve as ex officio (non-voting) chair of this committee. The purpose of the CAAC is to determine whether the facts support the student's contention that the grade was impermissibly or arbitrarily assigned, or there was material procedural deviation, as defined in the policy. It is not the function of the Committee to re-evaluate the student's work to determine whether the CAAC agrees with the professional judgment of the faculty member who assigned the grade.

The CAAC Chair shall convene the Committee not later than ten working days from the request by the associate dean to examine the student's appeals to the instructor and department head. The CAAC will also take into consideration any written statements received by the associate dean from either the student or the instructor, and any additional relevant documentation. Additionally, the CAAC may request oral presentations from both parties. Other relevant parties may be questioned.

Neither the student nor the faculty member may be accompanied or represented in the hearing by legal counsel or other advisor. The CAAC may consider only such evidence as is offered by the parties and at the hearing(s) and need consider only the evidence offered that it considers fair and reliable. The burden of proof shall be on the student to satisfy the Committee that a preponderance of the evidence supports a conclusion that the grade was awarded arbitrarily or impermissibly as defined. All recommendations of the CAAC shall be made by a simple majority vote.

Within ten working days from the conclusion of its hearing(s) on the matter, the CAAC Chair will provide a written report to the academic dean and to the graduate dean (for graduate-level grade appeals). The Committee report must include the Committee's finding as to whether or not the grade assigned was awarded arbitrarily or impermissibly as defined in the policy. If such a determination is made, the CAAC shall recommend a course of action which could

include recommending assignment of a specific grade to replace the one originally assigned or implementation of some process to re-evaluate the student's work.

(Step 5) Review by the Dean: Within ten working days after receiving the CAAC's report, recommendations and other documentation assembled in the review, the academic Dean will, in consultation with the faculty member and department head, determine a final course of action. S/he will then communicate the final action in writing to the student, faculty member, department head, and (for graduate-level grade appeals) the dean of the Graduate School.

Appeal to the Provost: An appeal to the Provost is only allowed if the student can establish a reasonable basis that the appeal procedures were not followed, discrimination of a protected class has occurred, and/or a student's exercise of rights guaranteed by the First Amendment has been violated. If the student feels one of these conditions applies, s/he must file a written appeal to the Provost explaining the situation that warrants this level of appeal. The Provost shall provide his/her written decision to the student within ten calendar days of receipt of the appeal. No appeal is available beyond the Provost.

Substitution Provisions: In the event that the faculty member whose grade is being reviewed is also a department head/school director, the associate dean shall do those things required by the head or director. In the event that the faculty member whose grade is being reviewed is also an associate dean, the academic dean or Provost can name an appropriate substitute to perform the functions of the associate dean as required by this policy.

Program Dismissal Appeal Procedures

The following procedures detail the steps for appealing a dismissal from a program for any reason other than final assigned grade(s), including failure to adhere to technical standards.

Dismissal from the Graduate School (and therefore dismissal from the program) based on bad grades may not be appealed. In this case, the affected student must appeal the final grade(s) resulting in the dismissal from the Graduate School. The student is encouraged to meet/talk with the program director prior to filing a formal appeal.

The student must demonstrate that dismissal was impermissibly or arbitrarily assigned (see Academic Action Policy). That the student simply disagrees with the dismissal does not constitute a basis for a review.

(Step 1) Appeal to Program Director: Within 35 calendar days after the student receives notification of the academic action (cause for program dismissal) the student should submit a formal written appeal to the instructor. This appeal must include: a) a statement of the reason(s) why the student believes the dismissal was impermissibly or arbitrarily assigned (see policy Academic Action Appeal Policy); b) the resolution sought.

When appealing a dismissal from a graduate program, the student must copy the Dean of the Graduate School on this initial appeal. All correspondence should include contact information.

The program director must respond to the student's request in writing as soon as possible (no later than ten working days after receiving the student's written appeal). This response should detail whether or not the program is approving or denying the appeal.

(Step 2) Appeal to Department Head: If the student is unable to resolve the grievance through the appeal to the program director, the student should submit a written appeal to the department head within 10 working days of receiving the program director's written response (from Step 1). If the department head is the instructor for the grade assigned, the associate dean of the department's college will serve this function. Students appealing to the department head assume the burden of proof. Therefore, the appeal must include: a) A statement of the reason(s) the student believes the dismissal was impermissibly or arbitrarily assigned; b) The steps taken to resolve the disagreement over the dismissal; and c) The resolution sought. The appeal must be accompanied by evidence the student believes supports the conclusion that the dismissal was impermissibly or arbitrarily assigned. Evidence might include papers, tests, syllabi, or written documentation.

Within ten working days of receiving this appeal, the department head will attempt to resolve the appeal. If the department head is unable to resolve the appeal within ten working days, the department head will notify the student of the decision and copy the dean of the Graduate School, and the student has 10 days to appeal to the associate dean of the academic college.

(Step 3) Appeal to the Academic College (Associate Dean Review): If appealing to the academic college, the student should forward (to the associate dean of the academic college) his/her initial Appeal to the Program Director and the program director's response (from Step 1), the subsequent Appeal to the Department Head, and the department head's written notification (from Step 2). Upon receipt of the appeal and these materials the associate dean may request further information from the student, the program director, and/or the department head.

If the associate dean concludes that the facts alleged by the student do not constitute permissible grounds for appeal as set forth in this Academic Action Appeal Policy or Procedures, the associate dean may, in consultation with the academic Dean and Graduate Dean if applicable, dismiss the review. The student will not be allowed any further appeal.

If the associate dean determines that the facts alleged in the student's written appeals could, if true, constitute a violation of the Academic Action Appeal Policy or Procedures, the associate dean, within ten working days of receiving all information, shall refer the case to the College's *Academic Action Committee*.

(Step 4) Academic Action Committee Review: The *College Academic Action Committee* (CAAC) will consist of faculty members (who do not teach in the program from which the appeal originated) and students as designated by the academic college (graduate or undergraduate based upon appeal) appointed by the appropriate Academic Dean or Associate Dean. At least two of the faculty members shall be selected from "allied" disciplines or programs. The Associate Dean will serve as ex officio (non-voting) chair of this committee. The purpose of this Committee is to determine whether the facts support the student's contention that the dismissal was impermissibly or arbitrarily assigned, or there was a material procedural deviation, as defined in the policy. It is not the function of the CAAC to re-evaluate the student's work to determine whether the Committee agrees with the professional judgment of the program director or faculty member(s).

The CAAC Chair shall convene the Committee not later than ten working days from the request by the associate dean to examine the student's appeals to the program director and department head. The committee will also take into consideration any written statements received by the associate dean from either the student or the program director, and any additional relevant documentation. Additionally, the Committee may request oral presentations from both parties. Other relevant parties may be questioned.

Neither the student nor the program director may be accompanied or represented in the hearing by legal counsel or other advisor. The CAAC may consider only such evidence as is offered by the parties and at the hearing(s) and need consider only the evidence offered that it considers fair and reliable. The burden of proof shall be on the student to satisfy the Committee that a preponderance of the evidence supports a conclusion that the dismissal was awarded arbitrarily or impermissibly as defined. All recommendations of the CAAC shall be made by a simple majority vote.

Within ten working days from the conclusion of its hearing(s) on the matter, the CAAC Chair will provide a written report to the academic dean and to the graduate dean (for graduate-level grade appeals). The Committee report must include the Committee's finding as to whether or not the dismissal assigned was awarded arbitrarily or impermissibly as defined in the policy. If such a determination is made, the CAAC shall recommend a course of action which could include recommending readmission or implementation of some process to re-evaluate the student's actions/work that lead to the program dismissal.

(Step 5) Review by the Dean: Within ten working days after receiving the CAAC's report, recommendations, and other documentation assembled in the review, the academic Dean will, in consultation with the program director and department head, determine a final course of action. S/he will then communicate the final action in writing to the student, faculty member, department head, and the dean of the Graduate School.

Appeal to the Provost: An appeal to the Provost is only allowed if the student can establish a reasonable basis that the appeal procedures were not followed, discrimination of a protected class has occurred, and/or a student's exercise of

rights guaranteed by the First Amendment has been violated. If the student feels one of these conditions applies, s/he must file a written appeal to the Provost explaining the situation that warrants this level of appeal. The Provost shall provide his/her written decision to the student within ten calendar days of receipt of the appeal. No right of appeal is available beyond the Provost.

Substitution Provisions: In the event that the faculty member whose grade is being reviewed is also a department head/school director, the associate dean shall do those things required by the head or director. In the event that the faculty member whose grade is being reviewed is also an associate dean, the academic dean or Provost can name an appropriate substitute to perform the functions of the associate dean as required by this policy.

Grade Replacement and Course Repeat Policy

A maximum of 15 credit hours may be repeated. When a student repeats a course, only the most recent grade will be used in calculation of the student's grade point average and counted in the hours toward graduation. However, all grades shall remain on the student's transcript.

Exceptions:

1. The First Year Seminar may not be repeated.
2. Courses available for re-enrollment for additional credit are not counted as repeats unless the student declares a repeat or exceeds the number of times for which credit can be earned in the course.
3. Some academic programs may have policies that further regulate the number of repeats. Check with your advisor.

The 15 credit hour limit of the repeat/grade replacement policy may be appealed by the student in writing to the student's adviser, department head or program director, and Dean.

Note:

1. All course repeats, except courses available for re-enrollment for additional credit, require a permit for enrollment. *If a faculty advisor approves the repeat permit, he/she can call or email the department head to have the permit entered in Banner so the student can enroll. DO NOT SEND STUDENTS TO THE ONESTOP FOR REPEAT PERMITS. ONESTOP PERSONNEL DO NOT HAVE THE AUTHORITY TO GRANT REPEAT PERMITS.*
2. All repeats, except for re-enrollment for additional credit courses, result in a mandatory grade replacement. *(The last course taken replaces the grade of the previous course.)*

Note: Pursuant to actions of the North Carolina General Assembly and policy adopted by the Board of Governors of the University of North Carolina, a fifty percent tuition surcharge applies to students who take more than 140 semester hours and more than eight regular semesters (i.e., fall and spring) to complete a baccalaureate degree. The semester hours used to calculate the total of 140 hours include repeated, failed, and transferred credit courses.

Academic Re-evaluation Policy

To be eligible to elect an academic re-evaluation, a student must have a cumulative GPA below 2.0 and must have made a GPA of 2.30 or better on twelve or more hours of work for each of two successive semesters, one of which may be summer school. At least eighteen hours of the work taken in the two semesters must apply to liberal studies requirements or the requirements in the major, if these have not been met already. A written request for re-evaluation is required.

To be eligible to graduate after re-evaluation, a student must complete at least two semesters in residence. No course passed with a C- or less prior to these two semesters will count toward the 120, 122, or 128 hours required for a degree. Such courses may be used to waive liberal studies requirements but not to fulfill major requirements.

The student's GPA for retention and graduation will be computed only on work taken during and after the two semesters on which re-evaluation is based. However, the number of hours previously passed with a grade of C (2.0) or higher will be counted as earned hours.

This policy does not alter the administration of the two-year rule policy.

Two-Year Rule Policy. An undergraduate with a GPA below 2.0 who has not attended the university for two or more calendar years and who is eligible for readmission is given the option of having the two-year rule applied or not applied.

If the two-year rule is applied, all courses completed before the interruption are treated as if they were transferred from another institution. No hours of credit will be allowed for courses in which C- or less grades were earned, although, at the discretion of the student's major department, they may be used to waive appropriate course requirements. The student's cumulative GPA will be based on courses attempted after readmission. The earned hours will include all credits (1) transferred from other institutions, (2) completed with a grade of C (2.0) or higher before the two-year rule was applied, and (3) earned after the last two-year rule was applied.

If the two-year rule is not applied, the student will return with a cumulative GPA, credit hours, and grades as if the interruption had not occurred. The quality point deficit of some students may be of such a magnitude that the application for readmission from a student who has chosen not to apply the two-year rule may be rejected.

A student, having elected to have the two-year rule applied or not applied, may not reverse the option later. Applications for the two-year rule may be obtained from the Advising Center and submitted to that office prior to the initial term of re-enrollment.

Credit and Placement Policy

Evaluation of transfer, CLEP, and advanced placement credits are coordinated through the Office of the Registrar. The university will accept or transfer appropriate undergraduate credits earned through credit by examination, advanced placement, CLEP, correspondence courses, extension courses, armed forces service schools, and college-level courses completed prior to graduation from high school. With the approval of the appropriate academic departments, the amount of such credit which may be applied toward a degree is subject to limitation only by the university's general residence requirement and the prescribed courses in the major field of study; the degree program may not exceed 45 semester hours of CLEP credit. Credit toward a degree is not awarded for Continuing Education Units or for General Education Development tests (GED).

Transfer of Credit. An evaluation of credits offered in transfer is completed after admission and after all official records are received directly from each institution previously attended. The applicability of transferred credits toward degree requirements is determined by the registrar's office and the department head of the student's major. In some cases, due to accreditation standards, validation of a course by successful completion of more advanced work in the same discipline or by examination may be required.

Only work passed with a grade of C (2.0) or better may be transferred. Courses with other grading systems that are equivalent to a C or better may be transferred. Except for consortium agreements, no credit will be allowed toward graduation or toward fulfillment of major requirements for a course passed with a C- or less at another institution. Credit will not be awarded for courses determined to be below the collegiate level at Western Carolina University nor from an institution not accredited by a nationally recognized regional accrediting agency. Undergraduate credit will not be awarded for graduate-level courses.

A Comprehensive Articulation Agreement (CAA) has been developed by the North Carolina Community College (NCCC) system and the University of North Carolina (UNC) General Administration providing for the transferability of a student's first two years of collegiate work to a senior UNC institution. This agreement provides that a student who enrolls at a NCCC institution fall 1997 or later, and completes his/her home institution's 44 semester hours of general education requirements with a grade of C or better in each course, is guaranteed that those hours will be applied toward a baccalaureate degree at any UNC institution. These 44 hours must be used to satisfy the receiving institution's liberal studies requirements. In addition, the CAA also guarantees that upon completion of the Associate of Arts or Associate

of Science degree, 20-21 hours of pre major work with a grade of C or better will be transferred and applied toward the student's baccalaureate degree at a UNC institution provided that the student remains within his/her major.

Credit may be transferred from a technical program of a two-year institution and applied toward an appropriate bachelor's degree if the institution is regionally accredited. A minimum of twenty-five percent of semester hours applied toward a bachelor's degree must be earned through regular enrollment in Western Carolina University junior-senior level courses, including a minimum of twelve hours in junior-senior courses in the major field.

In addition to those credits accepted as equivalents of the university's freshman and sophomore courses, a maximum of thirty hours of credit may be allowed toward graduation for freshman and sophomore courses completed at other institutions which are normally offered above the sophomore level at Western Carolina University.

There is no time limit on the course work accepted for undergraduate transfer credit. However, students who plan to schedule courses with stated prerequisites should consider auditing the prerequisite courses if no work has been attempted in the field within the past five years.

Regularly enrolled students who desire to take any course at another institution on a transient basis for transfer to WCU must secure the appropriate department head's and the registrar's approval before enrollment at the other institution. Transient Permission Forms are available from the One Stop Student Service Center and the departments. Students must be in good standing and eligible to re-enroll at Western Carolina University to secure transient permission. Course work taken at an institution which has a consortium agreement with Western Carolina University will be given credit on the same basis as course work taken at WCU.

Grades made in transferred courses are not considered in computing the GPA at Western Carolina University, but transferred hours are added to earned hours and will affect the student's overall academic standing. A student may not expect to have the repeat course policy applied on the basis of courses completed at other institutions. Currently enrolled and former students (those not enrolled for one or more of the immediately preceding semesters, excluding summer terms) who attempt courses at other institutions must earn a cumulative 2.0 GPA and submit official transcripts of all work attempted to the Office of Admissions in order to be eligible to return to Western Carolina University.

Transfer Students With Two or More Years Away From Their Previous Academic Institution

Transfer Students. Applicants must have official transcripts with statements of honorable dismissal by all institutions formally attended. The applicant must meet freshman admission requirements and submit an official high school transcript with SAT or ACT test results. Transfer applications should be submitted by July 1 for all fall admissions and at least thirty days prior to the beginning of spring semester.

Generally, transfer students must have earned a minimum GPA of 2.0 (C average) on all work attempted. Applicants who are ineligible to return to the last institution attended for any reason may be ineligible for admission to Western Carolina University. However, transfer students who have not attended any institution for a period of two or more years prior to the intended semester of enrollment will be considered for admission subject to review of specific circumstances by the director of admissions.

The academic records of transfer students will be evaluated by the Office of the Registrar and the department head/program director of the student's major. University policies on transfer of undergraduate credit are explained in the section of this catalog on academic regulations.

Placement in First-Year Composition. Students with Advanced Placement credit or high school credit for English 101 and/or English 102 will be given credit for these courses. All other students will be placed in English 101. Members of the Honors College may be placed in English 101-H, and enrollment in these honors sections will be reserved for members of the Honors College. Students placed in English 101 or 101-H must complete the six-hour First-Year Composition sequence of English 101 or 101-H, followed by English 102 or 102-H.

Mathematics Placement Policy. A mathematics skills assessment is administered to students who wish to take Math 140 (Introductory Calculus), Math 145 (Trigonometry), Math 146 (Algebra and Analytic Geometry), or Math 153 (Calculus I) without first completing the prerequisite course(s). Students planning to major in mathematics, computer

science, chemistry, biology, electronics engineering technology, industrial technology, and manufacturing engineering technology should plan to take this skills assessment. Students who have a strong mathematics background and would like to take the highest level course for which they are qualified should take the skills assessment. The skills assessment will be administered to entering freshmen in the fall when classes begin and to continuing students during early registration when they plan to register for one of the courses listed above in the next semester. Transfer students may take the skills assessment by arrangement with the director of mathematics placement. The assessment does not generate course credit for course requirements that are waived as a result of placement. A scientific or graphics calculator is recommended for taking the assessment. Transfer credit for college-equivalent courses can be used to meet prerequisites. Any student may take the liberal studies math course, Math 101 (Mathematical Concepts). There is no placement requirement for this course, but it does not satisfy the prerequisites for college algebra or any other algebra-based course.

Advanced Placement. Students may become eligible to enter intermediate or advanced courses in a field, bypassing one or more lower-level courses, if they qualify on the basis of their performance on advanced placement tests.

Placement in Modern Foreign Languages. Students will be placed at the appropriate level in a language based on the number of years of high school and/or college-level language study. Any student placed in the second or higher course in French, German, or Spanish who passes that course with a grade of C (2.0) or better will receive three or six hours of credit for the courses bypassed. This may include the liberal studies course 101. Additional information can be obtained from the department or from the Advising Center.

Chemistry. Freshmen with above-average ability in chemistry are encouraged to take a chemistry placement examination. Satisfactory performance allows a student credit in either CHEM 132 or 140. Additional tests may be taken for a maximum of eight hours of credit.

Advanced Placement Program. Students who earn a grade of three or above on the College Board advanced placement courses are eligible to receive credit based upon the evaluations of the appropriate department heads. Currently, credit may be earned in American and European history, art history, biology, calculus, chemistry, computer science, economics, English, environmental science, French language and literature, German language, Latin, music, Physics, political science, psychology, and Spanish language and literature and statistics.

Assessment Program. As part of Western Carolina University's continuing effort to maintain the quality of academic programs and university services, the university conducts student learning outcomes assessment. Measuring student intellectual growth, attitudes, perceptions, and skills provides the university with essential information in evaluating its effectiveness. Students are required to participate in these assessments throughout their enrollment at the university. The assessment information is not part of the student's official record, and individual scores may be reported only to the student. Other uses of assessment data include reporting data only in aggregate form to the university community and required external sources.

Noncredit Courses. Credit earned in MATH 100 will not count toward the 120-128 hours required for graduation.

Credit by Examination

A student may apply to be examined in any course identified by a department head as available for credit by examination. The student must present an approved permission form after the examination has been completed. Students making an A (4.0) or B (3.0) will receive credit. Those making C (2.0) do not receive credit, but are eligible for a waiver of a course requirement. With a D or F, credit may be earned only by regular enrollment during a subsequent semester. The GPA will not be affected by the grade made on the examination. All credit by examination attempts must be completed prior to the semester of graduation.

The examination procedure may be attempted only once for any one course. Students who have completed more than two collegiate courses in the field of study concerned may earn credit by examination only after securing written approval of the head of the department in which the course is offered. However, they may take the examination and secure a waiver of a curricular requirement by scoring a C (2.0) or higher.

The fee for scheduling a course on a credit by examination basis is \$15. No fee will be assessed if the examination is being used to validate transfer credits or when the student is enrolled full-time during a fall or spring semester.

The College Level Examination Program. The university cooperates with the College Board in this program, through which credit may be awarded for the CLEP subject examinations that have been approved by the academic departments as appropriate measures of academic achievement in their courses. Elective credit may be granted for examinations covering material which is not the substantial equivalent of any specific Western Carolina University course. These elective credits may be applied toward graduation requirements if the student fulfills certain liberal studies requirements or complies with other conditions prescribed by the appropriate deans and department heads. The subject examinations also may be used to validate credits earned at unaccredited institutions and to earn credit for courses failed at the university or other institutions. A current list of approved examinations and the credit that may be awarded is available via the Registrar's Office website (registrar.wcu.edu).

The American Council on Education has endorsed a uniform credit granting score of 50 for all 34 exams. Percentile scores are no longer used as a basis for granting credit. Departments also may require demonstration of achievement by satisfactory completion of an essay or by provision of other evidence of the competencies to be mastered in a course or course sequence. The general examinations of CLEP are not accepted for credit. Subject examinations that are repeated within less than one year from the date of previous testing will not be considered for credit.

Credits earned through CLEP will be posted on the transcript, but no grades are recorded. The student's GPA will not be affected. Duplicate credit is not awarded in any case. CLEP credits earned at other institutions will be evaluated in the same manner as the equivalent courses at those institutions. The same policies and procedures used in evaluating the applicability of other advanced-standing and transfer credits toward a degree will be applied.

Credit for Experiential Learning

Western Carolina University endorses the concept of undergraduate credit for experiential learning in recognition of valid learning experiences. Departments awarding credit for experiential learning do so on the basis of detailed departmental guidelines and procedures as approved by the Council on Instruction and Curriculum. However, credit is awarded by a department only for those competencies which are related to areas of instruction in that department and which are applicable to the degree program being completed. Credit is not extended automatically or in blanket fashion.

To receive credit for experiential learning, a student must submit a request to the appropriate department head. A faculty committee named by the department head will review the request. If the request seems appropriate, the student will be provided with guidelines for preparing a portfolio which the committee will review to determine the conditions and amount of credit to be awarded.

Credit for all or part of a course(s) may be awarded. If partial credit is awarded, the student will pay the full cost of the course, but will be required to attend only those classes and do additional work as designated. There is no charge for courses for which full credit is awarded. Committee actions, when endorsed by the department head and dean, must be reported to the registrar. The credit awarded is not applicable to the university's residency requirement.

Credit for Military Personnel and Veterans of Military Service

To the greatest extent possible, the university will grant credit for military service schools and occupational experience that have been evaluated by the Office of Military Programs of the American Council on Education (ACE) and for which ACE has recommended the granting of college credit. Students will not be awarded credit for formal schools or occupational experience that carry only one hour of recommended credit. Applicants to, or current students in, the university who have served in the military in any capacity (active duty, National Guard, or Reserve) should have official military ACE transcripts sent from one or more of the sources listed below to the Office of Undergraduate Admissions or to the Graduate School.

Army: <https://aartstranscript.army.mil/>

Navy and Marine Corps: <https://smart.navy.mil/smart/welcome.do>

Air Force: <http://www.au.af.mil/au/ccaf/transcripts.asp>. NOTE: The Community College of the Air Force (CCAF) is accredited by the Southern Association of Colleges and Schools (SACS).

Coast Guard: http://www.uscg.mil/hq/cgi/vc/official_transcript.asp

In addition, university policy states that students who have served on the active duty for at least one continuous year are eligible to be granted seven (7) hours of general electives credit. In order to receive this credit, the student must have received an honorable discharge for the year of continual active service. Proof of eligibility for this credit will be the student's DD Form 214 (Certificate of Release or Discharge from Active Duty) or similar official document.

Degree & Program Requirements

Programs of Study Information

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The university offers programs leading to bachelor's, master's, education-specialist, and doctoral degrees as well as preprofessional, interinstitutional, and certification curricula. All of the bachelor's-level programs, including the course requirements for the various majors, minors, and concentrations offered by the colleges and departments, are described in the sections that follow. Programs of interest to graduate students are presented in the graduate catalog of *The Record*.

Degree Programs and Requirements

The following table lists alphabetically the university's principal academic programs and indicates the college offering the programs. The colleges are: Arts and Sciences (A&S); Business (BUS); Education and Allied Professions (E&AP); Fine and Performing Arts (FPA); Health and Human Sciences (HHS) and Kimmel School of Construction Management and Technology (KS).

Undergraduate Major	College	Degree
Accounting	BUS	B.S.B.A.
Anthropology	A&S	B.A.
	A&S	B.S.
Art	FPA	B.A.
	A&S	B.F.A.
	E&AP	B.S.Ed.
Athletic Training	HHS	B.S.
Biology	A&S	B.S.
Birth-Kindergarten	E&AP	BS
Business Administration and Law	BUS	B.S.B.A.
Chemistry	A&S	B.S.
	A&S	B.A.
Communication	A&S	B.S.
Communication Sciences and Disorders	HHS	B.S.

Computer Information Systems	BUS	B.S.B.A.
Computer Science	A&S	B.S.
Construction Management	KS	B.S.
Criminal Justice	HHS	B.S.
Electrical and Computer Engineering Technology	KS	B.S.
Electrical Engineering	KS	B.S.
Elementary Education	E&AP	B.S.Ed.
Emergency and Disaster Management	HHS	B.S.
Emergency Medical Care	HHS	B.S.
Engineering Technology	KS	B.S.
English	A&S	B.A.
	E&AP	B.S.Ed.
Entrepreneurship	BUS	B.S.B.A.
	BUS	B.S.
Environmental Health	HHS	B.S.
Environmental Sciences	A&S	B.S.
Finance	BUS	B.S.B.A.
Forensic Science	A&S	B.S.
French (inactive status)	A&S	B.A.
Geography (inactive status)	A&S	B.S.
Geology	A&S	B.S.
German	A&S	B.A.
	E&AP	B.S.Ed.
Health and Physical Education	E&AP	B.S.Ed.
Health Information Administration	HHS	B.S.
History	A&S	B.A.

	A&S	B.S.
Hospitality Tourism Management	BUS	B.S.
Interior Design	FPA	B.S.
International Studies	A&S	B.A.
Management	BUS	B.S.B.A.
Marketing	BUS	B.S.B.A.
Mathematics	A&S	B.S.
	E&AP	B.S.Ed.
Middle Grades Education	E&AP	B.S.Ed.
Motion Picture and Television Production	FPA	B.F.A.
Music	FPA	B.A.
	FPA	B.M.
	E&AP	B.S.Ed.
Natural Resources Conservation and Management	A&S	B.S.
Nursing	HHS	B.S.N.
Nutrition and Dietetics	HHS	B.S.
Parks and Recreation Management	E&AP	B.S.
Philosophy	A&S	B.A.
Political Science	A&S	B.A.
	A&S	B.S.
Psychology	E&AP	B.S.
Recreational Therapy	HHS	B.S.
Secondary and Special Subject Teaching	E&AP	B.S.Ed.
Science Education	E&AP	B.S.Ed.
Social Sciences	A&S	B.S.Ed.
Social Work	HHS	B.S.W.

Sociology	A&S	B.A.
	A&S	B.S.
Spanish	A&S	B.A.
	E&AP	B.S.Ed.
Special Education (General)	E&AP	B.S.Ed.
Special Studies		B.A.
		B.S.
Stage and Screen	FPA	B.A.
Theatre	FPA	B.F.A.

The bachelor's degree programs require the completion of a minimum of 120 semester hours to a maximum of 128 semester hours, including: (1) liberal studies program; (2) a major as prescribed by each of the departments; and (3) elective courses. Unless specifically provided for in the catalog description, credit for any course may be applied only once toward the required hours for graduation.

Majors. A major consists of a group of prescribed and elective courses (totaling at least 27 hours) providing breadth and depth in an academic discipline, in two or more closely related disciplines, or in an interdisciplinary field of study. The requirements for a major in one discipline may include supporting courses selected from other disciplines.

In degree programs that include a major of 27-45 hours, a minor, second major, or other approved program also is required.

In degree programs that do not require a minor or second major, 46-64 hours are required in a major, including any concentrations, emphases, or specialization options that may be a part of the major.

Concentrations. A concentration is a student option within a major that consists of a group of prescribed courses designed to provide preparation in a specific professional specialty within the major discipline. Ordinarily, degree programs in which the major includes a concentration do not require a minor or second major. Concentrations are required in some majors and cannot exceed 26 hours.

Minors. A minor consists of a group of prescribed and elective courses in an academic discipline, two or more closely related disciplines, an interdisciplinary field of study, or a specially designed individual program. It differs from a major principally in requiring fewer courses (16-24 semester hours) and providing less depth.

A student may not major and minor in the same field.

Second Academic Concentration. A second academic concentration is an eighteen hour course of study in an academic discipline required of education students enrolled in a B.S.Ed. program in elementary, middle grades, or physical education. The concentration areas available are the following: anthropology, art, biology, Cherokee, communication training and development, English, health promotion and wellness, history, mathematics, natural science, philosophy, political science, psychology, social sciences, sociology, Spanish, and theatre.

See Section on Grading and Quality Point System for requirements concerning composition condition (cc) marks.

Second Majors. A second major, often called a double major, is completed at the student's option by taking the course requirements specified in the major component of the applicable degree program. The hours earned in completing a second major apply to the minimum 120-128 hours required for any bachelor's degree and do not lead to the award of a

second degree. Students interested in earning a second bachelor's degree must meet the additional requirements stated below for second degrees.

General Electives. Unless a program has been specifically exempted, each degree plan includes a minimum of twelve hours of general (free) electives. These electives are exclusive of (1) hours earned in meeting the requirements of the other components of a degree program, (2) any remedial or developmental work a student may take, and (3) elective hours that may become available to a student through application of the liberal studies waiver policy.

Waivers and Substitutions. Waivers and substitutions of courses, other degree requirements, and academic regulations may be made only with adequate cause. Exemption from, or substitutions in, requirements established by an academic department must be approved by the department head. Liberal studies requirements may be waived or altered only with the approval of the Director of Undergraduate Advising (or designee) or the associate vice chancellor for academic affairs for liberal studies. College wide requirements may be waived or altered only with the approval of the dean of the college. Waivers of, and substitutions in, university-wide regulations and requirements must be approved by the Office for Academic Affairs. All requests must be submitted to the registrar on the Waiver and Substitutions Form.

Academic Advisers. Students enter the university undeclared and are advised by a professional adviser. Upon declaring a major, students are advised by a faculty adviser in their major department.

Students Undecided About a Major. Through the Academic Advising Center, the university provides a specific program of academic advising to assist the undecided student in course selections and career decisions. When an undeclared student does select a major, the declaration or change of major/adviser procedures should be observed.

Policy on Declaring a Major. Freshmen students are encouraged to declare a major at any time, but must declare a major prior to completion of forty-five (45) credit hours. Transfer students with forty-five (45) or more credit hours must declare a major prior to registration for their second semester. To encourage students to comply with the stated policy, a "hold" will be placed on registration until the student officially declares a major.

Declaration or Change of Major/Adviser Procedure. A student who decides to declare or change a major must complete the declaration process in order to be assigned a new adviser in the appropriate department and to change the official records of the university. The student secures the declaration form from the present adviser or department head and completes the procedure by following the instructions on the form. The new program of study should appear on the next transcript that is issued after the completed form has been submitted to the registrar.

Curricular Checksheets. Departments maintain a supply of curricular checksheets on each of their degree programs. Students should secure copies of the sheets for their programs to use as a supplementary aid in complying with catalog requirements. However, in the event of a conflict between requirements as listed on a checksheet and as stated in the catalog, catalog requirements shall prevail.

Second Bachelor's Degree. Students already graduated from accredited four-year institutions who are admitted to work toward another bachelor's degree must meet the university's regular graduation requirements. The student must meet the requirements in liberal studies and in the major as specified by the department head and dean. A student may obtain from the university a second bachelor's degree provided the degree is in a different major (students may not earn a second degree in the same major).

Students enrolled at the university who wish to work toward two bachelor's degrees simultaneously may do so, provided they secure the prior approval of the departments and colleges through which the degree programs are offered. Approval must be secured not later than the end of the junior year. Students must meet the university's regular graduation requirements for each degree and obtain at least a 2.0 GPA.

In addition to the curricula offered by a department or jointly by two departments, the university provides a number of special-purpose programs in which students may participate either as a part of the regular degree programs of their choice or as alternatives to them. These opportunities include the following programs:

An Approved Program

An approved program is a selection of courses designed to take the place of a minor or second major in cases where a student has a secondary interest in an area not covered by a recognized second major or minor. The program must consist of 16-24 credit hours of courses, developed in consultation with the major adviser and appropriate faculty adviser(s) in the relevant department(s). The approved program must be approved by the department head of the major department, the head of the approved program department, and the dean(s) of all involved college(s), upon consultation with the head of the department(s) which offer(s) the courses in the approved program.

Special Studies Programs

A Special Studies Program is an interdisciplinary program to take the place of a recognized major program in cases in which a student wishes to earn a degree in a specialized area not covered by recognized majors, or an area that intersects two or more recognized majors and cannot be accommodated by a combination of a recognized major and minor, second major, or approved program.

A Special Studies Program is developed by the student in consultation with an academic adviser (referred to as the Special Studies Primary Advisor) in one of the primary departments and in consultation with advisors/faculty from all involved departments. The college to which the Primary Advisor belongs is designated as the college for which the College Curriculum Committee approves the plan of study.

The program should include completion of the liberal studies program, and any other applicable college and university requirements. It should include a distribution of courses to complete the Special Studies program, in place of a recognized major, plus a minor, second major, or approved program (as needed). It should include a plan for some kind of senior project, capstone course, or final assessment component.

The Special Studies Program will be approved by the primary's department's college curriculum committee and dean, with consultations attached from all departments involved in the program of study. The consultations/reviews should pay particular attention to the assessment component(s) of the proposed program and will approve or disapprove the special studies program. Once approved at the college level the plan is forwarded to the Office of the Provost for processing.

The Special Studies Proposal form can be obtained from the Office of the Provost.

Study Abroad

Undergraduate students can apply their financial aid to study in 37 countries worldwide through the following programs offered by the Office of International Programs and Services: the University of North Carolina Exchange Program (UNC-EP), the International Student Exchange Program (ISEP), and several Western Carolina University exchanges. Students with a 2.75 GPA and higher can study internationally for a semester or a year by paying the Western Carolina University rate for tuition and fees and comparable room and board charges. Students pay tuition and fees to WCU and comparable room and board charges to the host institution. Financial aid assists students with study abroad costs and scholarships are available through external grant agencies. Some summer programs include intensive language courses and internships are available through many of our overseas partners and financial aid, grants, and scholarships are available. For more information call (828) 227-7494.

For summer abroad programs sponsored by Western Carolina University faculty contact the Division of Educational Outreach at (828) 227-7397.

Cooperative Transfer Agreements with Community Colleges

Western Carolina University participates in the general transfer agreements developed by the University of North Carolina General Administration in cooperation with the North Carolina community colleges. The university is developing additional agreements and transfer guides with individual community colleges in all academic areas. For additional information, contact the transfer coordinator in the Western Carolina University admissions office or a local community college.

Cooperative Program in Agriculture and Life Sciences

Students who complete a two-year prescribed course of study at Western Carolina University have the opportunity to transfer to North Carolina State University in one of the following bachelor's degree programs in the School of Agriculture and Life Sciences.

Agricultural economics, agricultural business management, agronomy, animal science, biological and agricultural engineering, biochemistry, biological sciences, botany, conservation, fisheries and wildlife sciences, food science, horticultural science, medical technology, pest management, poultry science, applied sociology, zoology, and selected preprofessional programs. For further information, contact the department head in the geosciences and natural resources management department.

Cooperative Program in Forestry

By agreement between Western Carolina University and the School of Forest Resources at North Carolina State University, a student interested in the field of forest resources may take the first two years of the program at Western Carolina University and the remainder at North Carolina State University. For further information, contact the department head in the geosciences and natural resources management department.

During the freshman year, students should select one of four specialty areas of the program: (1) forestry; (2) wood science and technology; (3) pulp and paper science and technology; (4) recreation resources administration. The courses to be pursued for each area are available from the department head in the geosciences and natural resources management department.

Students with acceptable scholastic records in the first two years of the program may earn the professional degree in two additional years. Before transferring, students should check their credits with the requirements of North Carolina State University to determine the advisability of completing additional courses in summer school at one of the two institutions. A GPA of 2.5 is required for transfer.

Experiential Programs

Western Carolina University endorses the concept of education as a multidimensional process of learning that incorporates study and practice. To that end, its curricula are designed to provide for acquisition of knowledge and understanding of theory combined with opportunities for experience in practical applications in real settings. Many of the degree programs include required work in professional situations specific to the positions and career areas for which the students are preparing. At the student's option, a variety of other work opportunities deriving from and related to academic study are available. To further its commitment to the preparation of well-qualified graduates, the university provides various types of support to departmentally developed experiential activities. It also operates university-wide programs that make work opportunities directly related to their fields of study available to all students.

Western Carolina University has the following guidelines for enrolling students in external instruction courses/programs. External instruction programs are defined as instruction received at a site(s) to which the student is sent by the enrolling institution to participate in instructional activities. Encompassed in the scope of external instruction are programs referred to as cooperative education, practical training, independent study, and open-circuit televised instruction.

1. All courses are bona fide: approved by all required college, university, state, regional, and national regulatory agencies. Courses are also approved to meet all certification and licensing requirements.
2. All courses are an integral part of the student's program; credit will apply toward graduation and/or will be required for a particular degree program.
3. All courses are appropriately rigorous with credit assigned proportionate to the amount of instructor involvement and control (course credit is determined by university and state requirements).

4. The university/college has an agreement on file with specific work sites assuring that the experiences will provide opportunities for application of the knowledge, skills, and competencies gained from on-campus academic programs.
5. All courses have regularly-employed faculty members responsible for all students participating in external instruction courses.

Cooperative Education Program. Cooperative education is a program in which students combine academic study with career-related work experience while pursuing a degree. Designed to be an integral part of the educational experience, the program offers experiential learning in both full-time and part-time positions in virtually all majors. Participants are primarily undergraduates, but some graduate programs offer co-op to their students. Information about eligibility for the program, work opportunities, and requirements for credit is available from the Career Services/Cooperative Education Office, Room 237, Killian Annex.

Internships and Practicums. A broad range of full-time and part-time learning opportunities are provided through internships, practica, field courses, and clinical affiliations for periods of one or more terms. The courses allow students to gain experience in the actual practice of a profession and to develop mastery of the tasks, skills, and theory applications in career fields pertinent to their majors. The experiences gained are well integrated into the curricula and are frequently included in the requirements for a degree.

Independent Study. Independent study courses are offered by several departments at Western Carolina University. The content and criteria for each course is determined by each academic department. Credit for these courses range from one to six semester hours credit as determined by the department. Students must be juniors or seniors in order to take an independent study course.

General University Degree Requirements

To be awarded a bachelor's degree, the student must meet the following general requirements:

1. Completion of a minimum of 120 semester hours to a maximum of 128 semester hours under requirements outlined for one of the degree programs.
2. A minimum GPA of 2.0 on all work attempted at Western Carolina University and on all courses in the major. **
3. A minimum of 25 percent of semester hours applied toward a bachelor's degree must be earned through regular enrollment in Western Carolina University junior-senior level courses, including a minimum of twelve hours in junior-senior courses in the major field.
4. Fifty percent or more of the credits in the major presented for graduation on the juniorsenior level unless the degree program being completed by the student is specifically exempted from the requirement.
5. Be enrolled at Western the intended graduation semester or complete the form *Intend to Complete Degree Requirements at Another Institution* (www.wcu.edu/registrar/forms/students.asp)
6. To participate in a commencement ceremony, a student must be eligible for degree completion at the conclusion of that semester.

***: See graduate catalog for graduate degree requirements.**

**** See section on Grading and Quality Point System for requirements concerning composition condition (cc) marks.**

Liberal Studies Program

Rationale

At Western Carolina University, all bachelor's degree programs include courses in Liberal Studies designed to provide each student with the knowledge, skills, and attitudes of an educated person. These include the ability to think critically, to communicate effectively, to identify and solve problems reflectively, to use information and technology responsibly, to appreciate the creative and performing arts, and to seek personal development and lifelong learning.

Through a First-Year Seminar in Liberal Studies, first-year students begin to experience intellectual life at the university level. Through participation in an Academic Learning Community, students begin to experience the integration of knowledge. The core provides students with the academic skills and intellectual habits needed throughout the undergraduate experience; therefore, it should be completed as soon as possible. The Perspectives component of the Liberal Studies program exposes students to important modes of inquiry, discovery, and interpretation through study of the concepts, principles, and theories of the Liberal Arts. Because all disciplines at the university can offer courses in the Liberal Studies program, the Perspectives provide a broadened worldview and knowledge base, with opportunities to take courses outside areas of familiarity or major interest. Students also take at least one three hour course at the upper level (300 or 400 level) in a Perspectives area outside their major. It is a primary goal of the Liberal Studies program to promote a lifelong love of learning.

Requirements

Click below to view the requirements for the Liberal Studies Program.

[Liberal Studies Program Requirements](#)

Perspectives Courses and the Major

If a particular Liberal Studies Perspectives course (with the exception of the Upper Level Perspective) is required by a degree program or major, the Perspectives category requirement met by that course will be satisfied for students in that program.

Liberal Studies and Transfer Students

Courses transferred from other institutions to fulfill Liberal Studies requirements will be evaluated by the registrar in consultation with the appropriate department head, advising center designee, or the associate vice chancellor for academic affairs for liberal studies, based on university guidelines. Credit earned by examination and advanced placement may be applied toward fulfillment of Liberal Studies requirements.

Students who have completed the general education core (44 hours) or the Associate of Arts degree or the Associate of Science Degree in the North Carolina Community College System will have the Liberal Studies requirements waived. However, if a student has completed the Associate of Applied Science Degree in the North Carolina Community College System, the student's academic transcript will be evaluated for transfer credit. When a transfer student has completed the General Education or Liberal Studies requirements of a public or private institution outside of the University of North Carolina system, the Associate Vice Chancellor of Academic Affairs, in consultation with the Advising Center and the Liberal Studies Oversight Committee, will determine whether that institution's general education program is sufficiently similar to Western Carolina University's Liberal Studies program to warrant a blanket waiver of the Liberal Studies requirements.

Programs of Study

The university offers programs leading to bachelor's, master's, education-specialist, and doctoral degrees as well as preprofessional, interinstitutional, and certification curricula. All of the bachelor's-level programs, including the course requirements for the various majors, minors, and concentrations offered by the colleges and departments, are described in the sections that follow. Programs of interest to graduate students are presented in the graduate catalog of *The Record*.

Degree Programs

The following table lists alphabetically the university's principal academic programs and indicates the college offering the programs. The colleges are: Applied Sciences (AS); Arts and Sciences (A&S); Business (BUS); Education and Allied Professions (E&AP) and Kimmel School of Construction Management and Technology (KS).

Undergraduate Major	College	Degree
Accounting	BUS	B.S.B.A.
Anthropology	A&S	B.A.
	A&S	B.S.
Art	FPA	B.A.
	A&S	B.F.A.
	E&AP	B.S.Ed.
Athletic Training	HHS	B.S.
Biology	A&S	B.S.
Birth-Kindergarten	E&AP	BS
Business Administration and Law	BUS	B.S.B.A.
Chemistry	A&S	B.S.
	A&S	B.A.
Clinical Laboratory Sciences	HHS	B.S.
Communication	A&S	B.S.
Communication Sciences and Disorders	HHS	B.S.
Computer Information Systems	BUS	B.S.B.A.
Computer Science	A&S	B.S.
Construction Management	KS	B.S.
Criminal Justice	HHS	B.S.
Electrical and Computer Engineering Technology	KS	B.S.
Electrical Engineering	KS	B.S.
Elementary Education	E&AP	B.S.Ed.
Emergency and Disaster Management	HHS	B.S.

Emergency Medical Care	HHS	B.S.
Engineering Technology	KS	B.S.
English	A&S	B.A.
	E&AP	B.S.Ed.
Entrepreneurship	BUS	B.S.B.A.
Environmental Health	HHS	B.S.
Environmental Sciences	A&S	B.S.
Finance	BUS	B.S.B.A.
Forensic Science	A&S	B.S.
French (inactive status)	A&S	B.A.
	E&AP	B.S.Ed.
Geography (inactive status)	A&S	B.S.
Geology	A&S	B.S.
German	A&S	B.A.
	E&AP	B.S.Ed.
Health Information Administration	HHS	B.S.
History	A&S	B.A.
	A&S	B.S.
Hospitality and Tourism	BUS	B.S.
Industrial Distribution (inactive status)	KS	B.S.
Interior Design	FPA	B.S.
Management	BUS	B.S.B.A.
Marketing	BUS	B.S.B.A.
Mathematics	A&S	B.S.
	E&AP	B.S.Ed.
Middle Grades Education	E&AP	B.S.Ed.

Motion Picture and Television Production	FPA	B.F.A.
Music	FPA	B.A.
	FPA	B.M.
	E&AP	B.S.Ed.
Natural Resources Management	A&S	B.S.
Nursing	HHS	B.S.N.
Nutrition and Dietetics	HHS	B.S.
Parks and Recreation Management	E&AP	B.S.
Philosophy	A&S	B.A.
Physical Education	E&AP	B.S.Ed.
Political Science	A&S	B.A.
	A&S	B.S.
Psychology	E&AP	B.S.
Recreational Therapy	HHS	B.S.
Science Education	E&AP	B.S.Ed.
Social Sciences	A&S	B.A.
	A&S	B.S.
	E&AP	B.S.Ed.
Social Work	HHS	B.S.W.
Sociology	A&S	B.A.
	A&S	B.S.
Spanish	A&S	B.A.
	E&AP	B.S.Ed.
Special Education (General)	E&AP	B.S.Ed.
Special Studies		B.A.
		B.S.

Speech and Theatre Arts	FPA	B.A.
Sport Management	E&AP	B.S.
Telecommunications Engineering Technology (inactive status)	KS	B.S.
Theatre	FPA	B.F.A.

In addition to the curricula offered by a department or jointly by two departments, the university provides a number of special-purpose programs in which students may participate either as a part of the regular degree programs of their choice or as alternatives to them. These opportunities include the following programs:

An Approved Program

An approved program is a selection of courses designed to take the place of a minor or second major in cases where a student has a secondary interest in an area not covered by a recognized second major or minor. The program must consist of 16-24 credit hours of courses, developed in consultation with the major adviser and appropriate faculty adviser(s) in the relevant department(s). The approved program must be approved by the department head of the major department, the head of the approved program department, and the dean(s) of all involved college(s), upon consultation with the head of the department(s) which offer(s) the courses in the approved program.

Special Studies Programs

A Special Studies Program is an interdisciplinary program to take the place of a recognized major program in cases in which a student wishes to earn a degree in a specialized area not covered by recognized majors, or an area that intersects two or more recognized majors and cannot be accommodated by a combination of a recognized major and minor, second major, or approved program.

A Special Studies Program is developed by the student in consultation with an academic adviser in one of the primary departments and in consultation with advisers/faculty from all involved departments.

The program should include completion of the liberal studies program, and any other applicable college and university requirements. It should include a distribution of courses to complete the Special Studies program, in place of a recognized major, plus a minor, second major, or approved program (as needed). It should include a plan for some kind of senior project, capstone course, or final assessment component.

The Special Studies Program will be approved by all involved department heads, the curriculum committees of all involved colleges, and the University-Wide Curriculum Committee. The University Curriculum Committee should pay particular attention to the assessment component(s) of the proposed program and will approve or disapprove the special studies program.

Study Abroad

Undergraduate students can apply their financial aid to study in 37 countries worldwide through the following programs offered by the Office of International Programs and Services: the University of North Carolina Exchange Program (UNC-EP), the International Student Exchange Program (ISEP), and several Western Carolina University exchanges. Students with a 2.75 GPA and higher can study internationally for a semester or a year by paying the Western Carolina University rate for tuition and fees and comparable room and board charges. Students pay tuition and fees to WCU and comparable room and board charges to the host institution. Financial aid assists students with study abroad costs and scholarships are available through external grant agencies. Some summer programs include intensive language courses and internships are available through many of our overseas partners and financial aid, grants, and scholarships are available. For more information call (828) 227-7494.

For summer abroad programs sponsored by Western Carolina University faculty contact the Division of Educational Outreach at (828) 227-7397.

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Western Carolina University participates in the general transfer agreements developed by the University of North Carolina General Administration in cooperation with the North Carolina community colleges. The university is developing additional agreements and transfer guides with individual community colleges in all academic areas. For additional information, contact the transfer coordinator in the Western Carolina University admissions office or a local community college.

Cooperative Program in Agriculture and Life Sciences

Students who complete a two-year prescribed course of study at Western Carolina University have the opportunity to transfer to North Carolina State University in one of the following bachelor's degree programs in the School of Agriculture and Life Sciences:

Agricultural economics, agricultural business management, agronomy, animal science, biological and agricultural engineering, biochemistry, biological sciences, botany, conservation, fisheries and wildlife sciences, food science, horticultural science, medical technology, pest management, poultry science, applied sociology, zoology, and selected preprofessional programs. For further information, contact the department head in the geosciences and natural resources management department.

Cooperative Program in Forestry

By agreement between Western Carolina University and the School of Forest Resources at North Carolina State University, a student interested in the field of forest resources may take the first two years of the program at Western Carolina University and the remainder at North Carolina State University. For further information, contact the department head in the geosciences and natural resources management department.

During the freshman year, students should select one of four specialty areas of the program: (1) forestry; (2) wood science and technology; (3) pulp and paper science and technology; (4) recreation resources administration. The courses to be pursued for each area are available from the department head in the geosciences and natural resources management department.

Students with acceptable scholastic records in the first two years of the program may earn the professional degree in two additional years. Before transferring, students should check their credits with the requirements of North Carolina State University to determine the advisability of completing additional courses in summer school at one of the two institutions. A GPA of 2.5 is required for transfer.

Experiential Programs

Western Carolina University endorses the concept of education as a multidimensional process of learning that incorporates study and practice. To that end, its curricula are designed to provide for acquisition of knowledge and understanding of theory combined with opportunities for experience in practical applications in real settings. Many of the degree programs include required work in professional situations specific to the positions and career areas for which the students are preparing. At the student's option, a variety of other work opportunities deriving from and related to academic study are available. To further its commitment to the preparation of well-qualified graduates, the university provides various types of support to departmentally developed experiential activities. It also operates university-wide programs that make work opportunities directly related to their fields of study available to all students.

Western Carolina University has the following guidelines for enrolling students in external instruction courses/programs. External instruction programs are defined as instruction received at a site(s) to which the student is sent by the enrolling institution to participate in instructional activities. Encompassed in the scope of external

instruction are programs referred to as cooperative education, practical training, independent study, and open-circuit televised instruction.

1. All courses are bona fide: approved by all required college, university, state, regional, and national regulatory agencies. Courses are also approved to meet all certification and licensing requirements.
2. All courses are an integral part of the student's program; credit will apply toward graduation and/or will be required for a particular degree program.
3. All courses are appropriately rigorous with credit assigned proportionate to the amount of instructor involvement and control (course credit is determined by university and state requirements).
4. The university/college has an agreement on file with specific work sites assuring that the experiences will provide opportunities for application of the knowledge, skills, and competencies gained from on-campus academic programs.
5. All courses have regularly-employed faculty members responsible for all students participating in external instruction courses.

Cooperative Education Program. Cooperative education is a program in which students combine academic study with career-related work experience while pursuing a degree. Designed to be an integral part of the educational experience, the program offers experiential learning in both full-time and part-time positions in virtually all majors. Participants are primarily undergraduates, but some graduate programs offer co-op to their students. Information about eligibility for the program, work opportunities, and requirements for credit is available from the Career Services/Cooperative Education Office, Room 237, Killian Annex.

Internships and Practicums. A broad range of full-time and part-time learning opportunities are provided through internships, practica, field courses, and clinical affiliations for periods of one or more terms. The courses allow students to gain experience in the actual practice of a profession and to develop mastery of the tasks, skills, and theory applications in career fields pertinent to their majors. The experiences gained are well integrated into the curricula and are frequently included in the requirements for a degree.

Independent Study. Independent study courses are offered by several departments at Western Carolina University. The content and criteria for each course is determined by each academic department. Credit for these courses range from one to six semester hours credit as determined by the department. Students must be juniors or seniors in order to take an independent study course.

Undergraduate Programs

To be awarded a bachelor's degree, the student must meet the following general requirements:

1. Completion of a minimum of 120 semester hours to a maximum of 128 semester hours under requirements outlined for one of the degree programs.
2. A minimum GPA of 2.0 on all work attempted at Western Carolina University and on all courses in the major. **
3. A minimum of 25 percent of semester hours applied toward a bachelor's degree must be earned through regular enrollment in Western Carolina University junior-senior level courses, including a minimum of twelve hours in junior-senior courses in the major field.
4. Fifty percent or more of the credits in the major presented for graduation on the juniorsenior level unless the degree program being completed by the student is specifically exempted from the requirement.
5. Be enrolled at Western the intended graduation semester or complete the form *Intend to Complete Degree Requirements at Another Institution* (www.wcu.edu/registrar/forms/students.asp)
6. To participate in a commencement ceremony, a student must be eligible for degree completion at the conclusion of that semester.

***: See graduate catalog for graduate degree requirements.**

**** See section on Grading and Quality Point System for requirements concerning composition condition (cc) marks.**

College of Arts and Sciences

Office Info: 340 Stillwell Building/Main Campus (828) 227-7646

Arts and Sciences Website

Richard Starnes, Interim Dean *David J. Butcher, Associate Dean*

The role of the College of Arts and Sciences is to serve as a community of scholarship involving students and faculty in a broad range of intellectual and aesthetic activities.

The most significant of these activities is the teaching/learning process that takes place between students and faculty in classrooms, laboratories, studios, and field locations. The college provides a varied curriculum in the humanities, social sciences and natural sciences. The curriculum includes general education courses that provide the basic intellectual skills and perspectives essential for preparing all university students for effective participation in modern life. In addition, specialized courses are offered that serve the baccalaureate and graduate degree programs of this college and its sister colleges. Many departments in the college are actively involved in teacher preparation.

The College of Arts and Sciences contains the following academic departments: Anthropology and Sociology; Biology; Chemistry and Physics; Communication; English; Geosciences and Natural Resources; History; Mathematics and Computer Science; Modern Foreign Languages; Philosophy and Religion; Political Science and Public Affairs. The College also offers baccalaureate degrees in the following interdisciplinary areas: Environmental Science; Forensic Science; International Studies.

Scholarly productivity through a variety of discipline-related activities is essential to the growth of the college and university. For this purpose, the faculty engage in research, creative activities, and publication. Students are often directly involved in these scholarly activities, which enhance the reputation of the college and university in the broader academic world.

The activities of the college also include service to the university, region, state, nation, and international community. Faculty members act as advisers for undergraduate and graduate students and support extracurricular activities. Faculty participate in university governance through membership on departmental, college, and university committees. College faculty also share intellectual, cultural, and problem-solving interests with audiences throughout Western North Carolina and beyond.

Program Requirements. College-level program requirements for all bachelor of arts degree programs include MFL 231-232 or 240.

American Studies (Interdisciplinary), Minor

Total number of hours for the program: 18.

Minor Requirements

The minor requires 18 hours, including:

- ENGL 241 - Formalism & American Literature Credits: (3)

American Literature Courses

Two junior-senior level American literature courses selected from:

- ENGL 459 - Southern Literature Credits: (3)
- ENGL 465 - Topics in African American Literature Credits: (3)

- ENGL 366 - Literature of American Immigration Credits: (3)
- ENGL 367 - Appalachian Literature Credits: (3)
- ENGL 463 - Contemporary Literature Credits: (3)
- ENGL 464 - Native American Literature Credits: (3)
- ENGL 475 - Modernism Credits: (3)
- ENGL 479 - Studies in Literature Credits: (3, R6)
or
- ENGL 480 - Studies in English Credits: (1-3, R6)

Additional Courses

9 hours from other course offerings with a focus on the American landscape, life, history or culture, including:

Courses which have prerequisites:

- ANTH 417 - Southern Appalachian Culture Credits: (3)
- ANTH 431 - North American Prehistory Credits: (3)
- ANTH 461 - Indians of North America Credits: (3)
- ANTH 473 - Contemporary Cherokee Culture and Society Credits: (3)
- ART 414 - American Art Credits: (3)
- ASI 493 - Topics in American Studies Credits: (3, R6)
- ASI 494 - Topics in Cherokee Studies Credits: (3, R6)
- BIOL 251 - Natural History of the Southern Appalachians Credits: (4)
- BIOL 425 - Flora of the Southern Appalachians Credits: (4)
- GEOG 400 - Natural Regions of North America Credits: (3)

Courses available to all majors:

- HIST 231 - American History to 1865 Credits: (3)
- HIST 232 - American History Since 1865 Credits: (3)
- HIST 341 - North Carolina History Credits: (3)
- HIST 432 - The Revolutionary Era, 1763-1800 Credits: (3)
- HIST 433 - The Young Republic, 1800-1848 Credits: (3)
- HIST 434 - Civil War and Reconstruction, 1848-1877 Credits: (3)
- HIST 435 - Emergence of Industrial America, 1877-1929 Credits: (3)
- HIST 436 - The United States Since 1929 Credits: (3)
- HIST 442 - African American History Credits: (3)
- HIST 443 - The American South Credits: (3)
- HIST 445 - Cherokee History Credits: (3)
- HIST 446 - Southern Appalachian History Credits: (3)
- HIST 451 - American Women's History Credits: (3)
- PAR 330 - America's Wilderness Ethics and Aesthetics Credits: (3)
- PSC 302 - Problems and Policies of American Government Credits: (3)
- PSC 305 - Congress Credits: (3)
- PSC 306 - American Presidency Credits: (3)
- PSC 334 - United States Foreign Policy Credits: (3)
- PSC 347 - American Social and Political Eras Credits: (3)
- PSC 407 - American Political Parties Credits: (3)

Anthropology (Forensic Anthropology Concentration), B.S.

Total number of hours for the program: 120. Students must meet all requirements indicated including a second major, minor, or other approved program.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements (36 hours)

The major requires 36 hours as follows. Nine hours of Anthropology Core courses, twelve hours of Forensic Anthropology courses specified for the concentration, and fifteen hours of Anthropology Program Electives are required in the major.

Anthropology Core

Must take:

- ANTH 250 - Archaeology and Bioanthropology Credits: (3)
- ANTH 260 - Cultural and Social Anthropology Credits: (3)
- ANTH 341 - History of Anthropological Theory Credits: (3)

Forensic Anthropology Concentration

Must take:

- ANTH 251 - Introduction to Forensic Anthropology Credits: (3)
- ANTH 364 - Human Osteology Credits: (3)
- ANTH 400 - Human Osteology Method & Theory Credits: (3)
- ANTH 401 - Bone Trauma & Modification Credits: (3)

Anthropology Program Electives

Electives (15 hours) selected from junior and senior level anthropology courses.

Additional Program Requirements (42 hours)

To complete the program, 42 hours are required, including a second major, minor, or other approved program. Students must take at least 32 hours at the junior-senior level at WCU to satisfy general degree requirements.

Visit the department's website at <http://www.wcu.edu/3403.asp> to view the 8 semester curriculum guide.

Anthropology, B.A.

Total number of hours for the program: 120. Students must meet all requirements indicated including a second major, minor, or other approved program.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements (36 hours)

The major requires 36 hours as follows: Six hours of Language courses, nine hours of Anthropology Core courses, and 21 hours of Anthropology Program Electives are required in the major.

Language Requirement

MFL 231, 232, or 240 credits: (6)

Anthropology Core

Must take:

- ANTH 250 - Archaeology and Bioanthropology Credits: (3)
- ANTH 260 - Cultural and Social Anthropology Credits: (3)
- ANTH 341 - History of Anthropological Theory Credits: (3)

Anthropology Program Electives

Electives (21 hours) selected from sophomore, junior and senior level anthropology courses.

Additional Program Requirements (42 hours)

To complete the program, 42 hours are required, including a second major, minor, or other approved program. Students must take at least 32 hours at the junior-senior level at WCU to satisfy general degree requirements.

Visit the department's website at <http://www.wcu.edu/3390.asp> to view the 8 semester curriculum guide.

Anthropology, B.S.

Total number of hours for the program: 120. Students must meet all of the requirements indicated including a second major, minor or other approved program.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements (36 hours)

The major requires 36 hours as follows: Nine hours of Anthropology Core courses, and 27 hours of Anthropology Program Elective are required in the major.

Anthropology Core

Must take:

- ANTH 250 - Archaeology and Bioanthropology Credits: (3)
- ANTH 260 - Cultural and Social Anthropology Credits: (3)
- ANTH 341 - History of Anthropological Theory Credits: (3)

Anthropology Program Electives

Electives (27 hours) selected from sophomore, junior, and senior level anthropology courses.

Additional Program Requirements (42 hours)

To complete the program, 42 hours are required, including a second major, minor, or other approved program. Students must take at least 32 hours at the junior-senior level at WCU to satisfy general degree requirements.

Visit the department's website at <http://wcu.edu/3390.asp> to view the 8 semester curriculum guide.

Anthropology, Minor

Total number of hours for the program: 18.

Minor Requirements

The minor requires 18 hours, including:

- ANTH 250 - Archaeology and Bioanthropology Credits: (3)
- ANTH 260 - Cultural and Social Anthropology Credits: (3)

Additional Requirements

12 hours of sophomore, junior or senior level anthropology courses.

Appalachian Studies (Interdisciplinary), Minor

Minor Requirements

The minor requires 21 hours, including:

- ASI 250 - Introduction to Appalachian Studies Credits: (3)
- ASI 450 - Appalachian Studies Seminar Credits: (3)

Electives

15 hours of electives from:

- ANTH 417 - Southern Appalachian Culture Credits: (3)
- ANTH 473 - Contemporary Cherokee Culture and Society Credits: (3)
- BIOL 251 - Natural History of the Southern Appalachians Credits: (4)
- ENGL 367 - Appalachian Literature Credits: (3)
- GEOG 441 - Geography of Appalachia Credits: (3)
- HIST 445 - Cherokee History Credits: (3)
- HIST 446 - Southern Appalachian History Credits: (3)
- HIST 472 - Local History and Genealogy Credits: (3)

Applied Mathematics-Four Plus One B.S./M.S.

The BS Mathematics / MS Applied Mathematics allows an outstanding student to complete the requirements for both degrees in a period of 5 years. Guidelines: Students eligible for the Four Plus One Program have: i. Completed a

minimum of seventy-five (75) and a maximum of ninety-six (96) credit hours in their undergraduate programs, including credits earned from advanced placement, and ii. A minimum accumulated grade point average (GPA) of 3.25 at WCU.

Students may apply for admission to Graduate School and permission to have up to 12 credit hours of graduate level course work during their senior year count as advanced placement toward their MS degree. Such a request must be approved by both the Head of the Mathematics Department and the Director of the Graduate Program of the Mathematics Department. They in turn must recommend this course of action to the Graduate School. After the student receives the BS degree and completes admission requirements, he or she may be officially admitted into the MS degree program in Applied Mathematics. After admission to the master's program, the designated courses in which the student earned grades of B or better may be applied toward the requirements of that degree. These courses also count toward the 128 hours needed for the BS degree.

Visit the department's website at <http://www.cs.wcu.edu/> to view the semester curriculum guide.

Biology, B.S.

Total number of hours for the Program: 120.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major requires 47 hours of core courses, including:

Senior Research, 3 hours, at the senior level (choose from BIOL 480, 495, 498 and 499) and 25 hours of a concentration.

- BIOL 140 - Principles of Biology I Credits: (4)
- BIOL 141 - Principles of Biology II Credits: (4)
- BIOL 240 - Introduction to Genetics Credits: (4)
- BIOL 241 - Introduction to Ecology and Evolution Credits: (4)
- CHEM 139 - General Chemistry I Credits: (4)
- CHEM 140 - Advanced General Chemistry Credits: (4)
- CHEM 241 - Organic Chemistry I Credits: (3)
- CHEM 242 - Organic Chemistry II Credits: (3)
- CHEM 272 - Organic Chemistry Lab Credits: (2)
- MATH 153 - Calculus I Credits: (4)
- PHYS 130 - Introductory Physics I Credits: (4)
- PHYS 131 - Introductory Physics II Credits: (4)

Concentration:

Concentration (25 hours) selected from one of the following:

Ecology and Evolutionary Biology

- BIOL 304 - General Ecology Credits: (3)
- BIOL 306 - Evolutionary Biology Credits: (3)

- BIOL 375 - Methods in Ecology and Evolution Credits: (4)

Guided Electives (15 hours)

May include two non-biology courses:

- One elective from the Ecology and Evolution set
- One elective from the Organismal Biology set
- One elective from the Cell and Molecular Biology set
- Electives chosen from any course set sufficient to bring the total for the concentration to 25 hours.

General Biology

- BIOL 304 - General Ecology Credits: (3)
- BIOL 306 - Evolutionary Biology Credits: (3)
- BIOL 333 - Cell and Molecular Biology Credits: (4)

Guided Electives (15 hours)

May include two non-biology courses:

- One Elective from the Ecology and Evolution set
- One elective from the Organismal Biology set
- One elective from the Cell and Molecular Biology set
- Electives chosen from any course set sufficient to bring the total for the concentration to 25 hours.

Molecular Biology

- BIOL 333 - Cell and Molecular Biology Credits: (4)
- BIOL 361 - Principles of Biochemistry Credits: (3)
- BIOL 413 - Principles of General Microbiology Credits: (3)

Guided Electives (15 hours)

May include two non-biology courses:

- One elective from the Ecology and Evolution set
- One elective from the Organismal Biology set
- One elective from the Cell and Molecular Biology set
- Electives chosen from any course set sufficient to bring the total for the concentration to 25 hours.

Pre-Health Professional

- BIOL 311 - Animal Physiology Credits: (3)
- BIOL 333 - Cell and Molecular Biology Credits: (4)
- BIOL 361 - Principles of Biochemistry Credits: (3)

Guided Electives (15 hours)

May include two non-biology courses:

- One elective from the Ecology and Evolution set
- One elective from the Organismal Biology set
- One elective from the Cell and Molecular Biology set
- Electives chosen from any course set sufficient to bring the total for the concentration to 25 hours.

General Electives

(6-15 hours depending on the hours taken for Liberal Studies that also count in the major.)

General electives (6 hours) at the 300/400 level) are required to complete the program for each of the concentrations offered. Students must take at least 30 hours of the courses at the junior-senior level at WCU in order to satisfy general university requirements.

Biology Elective Course Sets

Cell and Molecular Biology Elective Set

- BIOL 313 - Microbiology in Health and Nutrition Credits: (4)
- BIOL 333 - Cell and Molecular Biology Credits: (4)
- BIOL 361 - Principles of Biochemistry Credits: (3)
- BIOL 412 - Cellular and Molecular Immunology Credits: (3)
- BIOL 413 - Principles of General Microbiology Credits: (3)
- BIOL 414 - Methods of General Microbiology Credits: (2)
- BIOL 416 - Plant Molecular Biology Credits: (3)
- BIOL 417 - Biochemistry Credits: (3)
- BIOL 419 - Cell Biology Credits: (3)
- BIOL 421 - Principles of Biotechnology Credits: (4)
- BIOL 422 - Forensic Biology Credits: (4)
- BIOL 423 - Biophysics Credits: (3)
- BIOL 424 - Pharmacology Credits: (3)
- CHEM 370 - Instrumental Analysis I Credits: (4)
- CHEM 435 - Instrumental Analysis II Credits: (3)
- CHEM 462 - Molecular Bioinformatics Credits: (3)

Ecology and Evolution Elective Set

- BIOL 304 - General Ecology Credits: (3)
- BIOL 306 - Evolutionary Biology Credits: (3)
- BIOL 375 - Methods in Ecology and Evolution Credits: (4)
- BIOL 420 - Darwin's Origin of Species Credits: (3)
- BIOL 433 - Ecological Co-Adaptations Credits: (4)
- BIOL 434 - Terrestrial Ecology Credits: (4)
- BIOL 435 - Aquatic Ecology Credits: (4)
- BIOL 438 - Ecological Restoration Credits: (3)
- BIOL 441 - Conservation Biology Credits: (3)
- BIOL 453 - Principles of Systematics Credits: (3)
- BIOL 471 - Animal Behavior Credits: (4)
- BIOL 473 - Microbial Ecology Credits: (4)

- CHEM 461 - Environmental Chemistry Credits: (3)
- GEOL 305 - Soils and Hydrology Credits: (4)
- NRM 371 - Landscape Ecology Credits: (3)
- NRM 442 - Natural Resources Policy and Administration Credits: (3)

Organismal Biology Elective

- BIOL 311 - Animal Physiology Credits: (3)
- BIOL 373 - Invertebrate Zoology Credits: (4)
- BIOL 374 - Vertebrate Zoology Credits: (4)
- BIOL 415 - Plant Physiology Credits: (3)
- BIOL 425 - Flora of the Southern Appalachians Credits: (4)
- BIOL 452 - Plant Anatomy Credits: (4)
- BIOL 455 - Vascular Plants Credits: (4)
- BIOL 470 - Biology of Arthropods Credits: (4)
- BIOL 472 - Ornithology Credits: (4)
- BIOL 475 - Animal Development Credits: (4)
- BIOL 476 - Contemporary Fisheries Credits: (4)
- BIOL 477 - Herpetology Credits: (4)

General Biology Elective Set

- BIOL 389 - Cooperative Education in Biology Credits: (1 or 3, R15)
- BIOL 467 - Biostatistics Credits: (3)
- BIOL 480 - Research in Biology Credits: (1-3, R6)
- BIOL 493 - Studies in Biology Credits: (1-6, R12) -- includes courses available through Highlands Biological Station -- includes courses available through Highlands Biological Station
- BIOL 495 - Introduction to Senior Thesis Credits: (1)
- BIOL 498 - Senior Thesis I Credits: (2)
- BIOL 499 - Senior Thesis II Credits: (1)
- GEOG 321 - Geographic Information Systems Credits: (3)
- MATH 370 - Probability and Statistics I Credits: (3)
- MATH 375 - Statistical Methods II Credits: (3)
- NRM 344 - Introduction to Geographic Information Systems Credits: (4)
- PAR 311 - Philosophy of Science Credits: (3)
- PAR 330 - America's Wilderness Ethics and Aesthetics Credits: (3)
- PAR 332 - Biomedical Ethics and Social Justice Credits: (3)
- PAR 333 - Environmental Ethics Credits: (3)

Biology, Minor

Total number of hours for the program: 23.

Minor Requirements

The minor requires 23 hours, including:

- BIOL 140 - Principles of Biology I Credits: (4)
- BIOL 141 - Principles of Biology II Credits: (4)
- BIOL 240 - Introduction to Genetics Credits: (4)

- BIOL 241 - Introduction to Ecology and Evolution Credits: (4)

Electives

And at least 7 hours of junior/senior level biology electives.

Broadcast Sales, Minor

Total number of hours for the program: 18.

Minor Requirements

This minor is designed to prepare students for a career in media sales. The minor requires 18 hours including:

- COMM 303 - Public Relations Writing Credits: (3)
- COMM 458 - Broadcast Sales and Promotion Credits: (3)
- MKT 206 - Introduction to Professional Selling Credits: (3)
- MKT 310 - Consultative Selling Credits: (3)
- MKT 409 - Negotiations/Relationship Marketing Credits: (3)
- MKT 410 - Sales Management and Negotiation Credits: (3)

Note:

For students outside the Communication major minoring in Broadcast Sales:

A student majoring or minoring in Broadcast Sales cannot pass the above-listed courses with a grade below C- (minus) and still have that course count toward satisfying the minor in Broadcast Sales.

Certificate in Public History

Certificate Requirements

The Certificate (15 hours) requires completion of:

- HIST 471 - Introduction to Public History Credits: (3)
- HIST 472 - Local History and Genealogy Credits: (3)
- HIST 473 - Introduction to Museum and Historic Site Interpretation Credits: (3)
- HIST 474 - Introduction to Oral History Credits: (3)
- HIST 483 - Internship Project in History Credits: (3)

Note:

History majors and minors may not count these courses for both the major/ minor and the certificate.

Chemistry (ACS-Certified Concentration with 4+1 Option), B.S.

Total number of hours for the program: 120.

Students completing this concentration are certified by the Committee on Professional Training of the American Chemical Society. This concentration is intended for those students who are anticipating pursuing a graduate degree in chemistry or a related field. The 4+1 option, described in detail below, allows students to earn both a B.S. and M.S. in

Chemistry from WCU in 5 years. As this degree concentration requires independent research with faculty advisor, students anticipating pursuing a career as an R & D chemist will also be best prepared to enter the workforce.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The Chemistry core curriculum requires 45 hours in Chemistry as follows:

- CHEM 139 - General Chemistry I Credits: (4)
- CHEM 140 - Advanced General Chemistry Credits: (4)
- CHEM 232 - Quantitative Analysis Credits: (4)
- CHEM 241 - Organic Chemistry I Credits: (3)
- CHEM 242 - Organic Chemistry II Credits: (3)
- CHEM 272 - Organic Chemistry Lab Credits: (2)
- CHEM 352 - Physical Chemistry I Credits: (3)
- CHEM 361 - Principles of Biochemistry Credits: (3)
- CHEM 370 - Instrumental Analysis I Credits: (4)
- CHEM 371 - Chemical Dynamics Credits: (2)
- CHEM 495 - Seminar in Chemistry Credits: (I, R4)
- MATH 153 - Calculus I Credits: (4)
- PHYS 230 - General Physics I Credits: (4)
- PHYS 231 - General Physics II Credits: (3-4)

ACS-Certified Chemistry Concentration

The concentration requires 23 hours as follows:

- MATH 255 - Calculus II Credits: (4)
- MATH 256 - Calculus III Credits: (4)
- CHEM 321 - Inorganic Chemistry Credits: (3)
- CHEM 380 - Research in Chemistry Credits: (1-3,R12) 4 credit hours of CHEM 380 are required.
- CHEM 435 - Instrumental Analysis II Credits: (3)
- CHEM 453 - Physical Chemistry II Credits: (3)
- CHEM 472 - Chemical Syntheses Credits: (2)

ACS-Certified Chemistry Concentration 4+1 Option

The concentration requires 23 hours as follows:

- MATH 255 - Calculus II Credits: (4)
- MATH 256 - Calculus III Credits: (4)
- CHEM 321 - Inorganic Chemistry Credits: (3)
- CHEM 380 - Research in Chemistry Credits: (1-3,R12) 4 credit hours of CHEM 380 are required, although 4+1 students are strongly encouraged to complete at least 6 hours of research to ensure timely completion of the M.S. degree.
- CHEM 535 - Instrumental Analysis II Credits: (3)
- CHEM 553 - Physical Chemistry II Credits: (3)

- CHEM 572 - Chemical Syntheses Credits: (2)

Electives

General electives (10-19 hours) are required to complete the program depending on the number of hours in the major that also count for Liberal Studies. Students must take at least 30 hours at the junior-senior level at WCU in order to satisfy general university degree requirements. Students may wish to consider the following electives to aid in their development as a professional chemist:

- PAR 320 - Philosophical and Religious Classics Credits: (3)
- MATH 270 - Statistical Methods I Credits: (3)
- ENGL 305 - Technical Writing Credits: (3)
- CS 150 - Problem Solving and Programming I Credits: (4)
- CS 151 - Problem Solving and Programming II Credits: (4)

4+1 Option

The Four Plus One option in Chemistry allows an outstanding student to complete the requirements for both B.S. and M.S. degrees in a period of 5 years. Students are expected to meet all of the requirements of the M.S. program. These include a minimum of 30 semester hours of graduate study, including a thesis and an oral defense of the thesis. Once a student has completed the B.S. he/she formally applies to the graduate school. Students begin research while earning the B.S. degree. Up to 12 credit hours of 500+ course work taken in the undergraduate program can count toward M.S. degree requirements. All grades, even those below a B taken at the 500+ level will count toward both the graduate and undergraduate GPA. All graduate degree program rules apply to all courses taken for the graduate program, including the 500 level courses taken as an undergraduate student.

Students applying for the 4+1 B.S. program in Chemistry must meet the following guidelines:

- a minimum cumulative GPA and GPA in the chemistry major of 3.00 at WCU.
- Completed a minimum of seventy-five (75) and a maximum of ninety-six (96) credit hours in their undergraduate programs, including graduate courses taken as an undergraduate.
- Completed at least two sections of CHEM 380-Research before completing the B.S. degree.

Applicants must be approved by the Graduate School, Department Head, Departmental Graduate Program Director and the Thesis advisor. After the student receives the B.S. degree, meets and completes admission requirements, he or she may be officially admitted into the M.S. degree program depending on GRE scores. After admission to the master's program, the 500+ courses in which the student completed (and made a grade of C or better) during the B.S. will be applied toward the requirements of the M.S. degree. These courses also count toward the 120 hours needed for the B.S. degree.

Students need to be aware that making 3 Cs or below automatically dismisses them from the Graduate degree program of study - the courses taken at the undergraduate level in anticipation of counting in the M.S. program also apply to this rule.

Additional Information

Visit the department's website at <http://www.wcu.edu/4409.asp> to view the 8 semester curriculum guide.

Chemistry (General Concentration), B.S.

Total number of hours for the program: 120.

This concentration is intended for those students wishing to pursue a career in a specific chemistry-related discipline other than biochemistry. Students should choose the chemistry courses in the concentration that best represent the chemistry sub-discipline of choice. The student should also consider completing general elective in their intended area of specialization. For example, students wishing to pursue a career in environmental chemistry should consider additional course work in areas such as biology, geology, natural resource management, or environmental health.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major requires 45 hours in Chemistry as follows:

- CHEM 139 - General Chemistry I Credits: (4)
- CHEM 140 - Advanced General Chemistry Credits: (4)
- CHEM 232 - Quantitative Analysis Credits: (4)
- CHEM 241 - Organic Chemistry I Credits: (3)
- CHEM 242 - Organic Chemistry II Credits: (3)
- CHEM 272 - Organic Chemistry Lab Credits: (2)
- CHEM 352 - Physical Chemistry I Credits: (3)
- CHEM 361 - Principles of Biochemistry Credits: (3)
- CHEM 370 - Instrumental Analysis I Credits: (4)
- CHEM 371 - Chemical Dynamics Credits: (2)
- CHEM 495 - Seminar in Chemistry Credits: (1, R4)
- MATH 153 - Calculus I Credits: (4)
- PHYS 230 - General Physics I Credits: (4)
- PHYS 231 - General Physics II Credits: (3-4)
(4 required)

General Concentration

Concentration Requirements

The concentration requires 15 hours as follows:

- MATH 255 - Calculus II Credits: (4)
- CHEM 321 - Inorganic Chemistry Credits: (3)
- CHEM 472 - Chemical Syntheses Credits: (2)

Choose 6 hours from the following:

- CHEM 411 - Industrial Chemistry Credits: (3)
- CHEM 421 - Advanced Inorganic Chemistry Credits: (3)
- CHEM 435 - Instrumental Analysis II Credits: (3)
- CHEM 441 - Advanced Organic Chemistry Credits: (3)
- CHEM 453 - Physical Chemistry II Credits: (3)
- CHEM 454 - Computer Interfacing Credits: (3)
- CHEM 461 - Environmental Chemistry Credits: (3)

- CHEM 465 - Forensic Chemistry Credits: (4)
- CHEM 493 - Topics in Chemistry Credits: (1-3, R6)

General Electives

General electives (18-27 hours) are required to complete the program depending on the number of hours taken in the major that double count for Liberal Studies. Students must take at least 30 hours at the junior-senior level at WCU in order to satisfy general university degree requirements.

Visit the department's website at <http://www.wcu.edu/4409.asp> to view the 8 semester curriculum guide.

Chemistry (Premedical/Biomedical Science and Technology Concentration), B.S.

Total number of hours for the program: 120.

This concentration is intended for those students wishing to pursue a career in the biomedical or biotechnology fields, including students wishing to pursue a degree from a medical, dental, pharmacy, veterinary, or optometry school. Specific courses within the concentration should be chosen carefully, based on the intended career path. Students anticipating obtaining a professional degree (such as an M.D. or Pharm.D.) should also judiciously choose their electives to satisfy admissions preferences and fully prepare for entrance exams.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major requires 45 hours in Chemistry as follows:

- CHEM 139 - General Chemistry I Credits: (4)
- CHEM 140 - Advanced General Chemistry Credits: (4)
- CHEM 232 - Quantitative Analysis Credits: (4)
- CHEM 241 - Organic Chemistry I Credits: (3)
- CHEM 242 - Organic Chemistry II Credits: (3)
- CHEM 272 - Organic Chemistry Lab Credits: (2)
- CHEM 352 - Physical Chemistry I Credits: (3)
- CHEM 361 - Principles of Biochemistry Credits: (3)
- CHEM 370 - Instrumental Analysis I Credits: (4)
- CHEM 371 - Chemical Dynamics Credits: (2)
- CHEM 495 - Seminar in Chemistry Credits: (1, R4)
- MATH 153 - Calculus I Credits: (4)
- PHYS 130 - Introductory Physics I Credits: (4)
and
- PHYS 131 - Introductory Physics II Credits: (4)
or
- PHYS 230 - General Physics I Credits: (4)
and
- PHYS 231 - General Physics II Credits: (3-4)

Premedical/Biomedical Science and Technology Concentration

Concentration Requirements

The concentration requires 22 hours as follows:

- BIOL 140 - Principles of Biology I Credits: (4)
- BIOL 141 - Principles of Biology II Credits: (4)
- BIOL 240 - Introduction to Genetics Credits: (4)
- BIOL 333 - Cell and Molecular Biology Credits: (4)
- CHEM 321 - Inorganic Chemistry Credits: (3)

and 3 hours selected from the following:

- BIOL 311 - Animal Physiology Credits: (3)
- BIOL 412 - Cellular and Molecular Immunology Credits: (3)
- BIOL 413 - Principles of General Microbiology Credits: (3)
- BIOL 419 - Cell Biology Credits: (3)
- BIOL 424 - Pharmacology Credits: (3)
- CHEM 435 - Instrumental Analysis II Credits: (3)
- CHEM 453 - Physical Chemistry II Credits: (3)
- CHEM 462 - Molecular Bioinformatics Credits: (3)
- CHEM 463 - Molecular Biotechnology Credits: (3)
- CHEM 464 - Genomics Credits: (3)

General Electives

General electives (12-20 hours) are required to complete the program depending on the number of hours in the major that double count for Liberal Studies. Students must take at least 30 hours at the junior-senior level at WCU in order to satisfy general university degree requirements. Pre-medical, pre-dental, pre-pharmacy, pre-veterinary, and pre-optometry students should discuss with their advisers the most appropriate electives for their intended professional school. Some examples of electives that may aid in professional school entrance exams and/or satisfy admissions preferences are included below:

- BIOL 291 - Human Anatomy and Physiology I Credits: (4)
- BIOL 292 - Human Anatomy and Physiology II Credits: (4)
- CS 150 - Problem Solving and Programming I Credits: (4)
- MATH 255 - Calculus II Credits: (4)
- MATH 270 - Statistical Methods I Credits: (3)
- PAR 230 - Legal, Scientific, & Critical Reasoning Credits: (3)

Additional Information

Visit the department's website at <http://www.wcu.edu/4409.asp> to view the 8 semester curriculum guide.

Chemistry, Minor

Total number of hours for the program: 21.

Minor Requirements

The minor requires 21 hours. CHEM 101 and 132 are not valid courses for the minor. At least 5 hours must be at the junior-senior level.

Cherokee Studies (Interdisciplinary), Minor

Total number of hours for the program: 21.

Minor Requirements

The minor requires 21 hours, including:

- ANTH 461 - Indians of North America Credits: (3)
- ANTH 473 - Contemporary Cherokee Culture and Society Credits: (3)
- CHER 101 - Experiencing Cherokee and the Cherokee-Speaking World Credits: (3)
- CHER 132 - Elementary Cherokee II Credits: (3)
- HIST 445 - Cherokee History Credits: (3)

Electives

6 hours of electives selected from:

- ANTH 379 - Cherokee Arts and Crafts Credits: (3)
- ART 379 - Cherokee Arts and Crafts Credits: (3)
- CHER 231 - Intermediate Cherokee I Credits: (3)
- CHER 232 - Intermediate Cherokee II Credits: (3)
- USI 394 - Topics in Cherokee Studies Credits: (3, R9)

Communication, B.S.

Total number of hours for the program: 120.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major requires 38 hours, including 6 hours of course prerequisites for major, 14 hours in communication core courses and an 18-hour concentration.

Course Prerequisites for the Communication Major (6 hours)

- COMM 150 - Interpersonal and Small Group Communication Credits: (3)
- COMM 240 - Writing for Communication Credits: (3)

Communication Core Courses, 14 hours:

- COMM 296 - Introduction to Professional Development Credits: (1)
- COMM 345 - Public and Mediated Speaking Credits: (3)
- COMM 350 - Communication Theory and Criticism Credits: (3)

- COMM 415 - Intercultural Communication Credits: (3)
- COMM 483 - Internship in Communications Credits: (3, R9)
- COMM 496 - Seminar in Professional Development Credits: (1)

Concentrations, 18 hours selected from:

Broadcasting:

- COMM 254 - Radio Production I Credits: (3)
- COMM 255 - Television Production I Credits: (3)
- COMM 352 - Writing for Broadcast Credits: (3, R6)
- LAW 406 - Media Law Credits: (3)
- 6 hours of communication department electives.

Broadcast Sales:

- COMM 458 - Broadcast Sales and Promotion Credits: (3)
- ENT 201 - Introduction to Entrepreneurship Credits: (3)
- MKT 201 - Marketing Planning and Strategy Credits: (3)
- MKT 206 - Introduction to Professional Selling Credits: (3)
- MKT 310 - Consultative Selling Credits: (3)
- 3 hours of marketing electives.

Journalism:

To be admitted to the Journalism concentration a student must receive a B or higher in ENGL 101, 102 and COMM 240.

- COMM 330 - News Reporting I Credits: (3)
- COMM 430 - News Reporting II Credits: (3)
- ENGL 303 - Introduction to Professional Writing and Editing Credits: (3)
- ENGL 313 - Authoring Multimedia Credits: (3, R6)
- GEOG 103 - Cultural Geography Credits: (3)
- LAW 406 - Media Law Credits: (3)

Public Relations

- COMM 260 - Introduction to Public Relations Credits: (3)
- COMM 303 - Public Relations Writing Credits: (3)
- COMM 204 - Desktop Publishing Credits: (3, R6)
- COMM 365 - Public Relations Case Studies Credits: (3)
- COMM 460 - Public Relations Campaigns Credits: (3)
- 3 hours of communication department electives.

General Requirements

To become a communication major the student first declares the communication pre-major and must make a C or better in COMM 150 and COMM 240. Upon successful completion of the pre-major, the student will be admitted as a communication major. To continue in the program, a student must earn a grade of C or better in each course required for the major and maintain a 2.75 overall GPA. To complete the program, a total of 40 hours is required, including a minor, second major, second communication concentration, second major, or other approved program and student

selected general electives. At least 30 hours taken at WCU must be at the junior-senior level to meet one of the general university degree requirements.

Communication, Minor

Total number of hours for the program: 18.

Minor Requirements

The minor requires 18 hours:

- COMM 150 - Interpersonal and Small Group Communication Credits: (3)
- COMM 190 - A User's Guide to the Mass Media Credits: (3)
- COMM 240 - Writing for Communication Credits: (3)
- COMM 345 - Public and Mediated Speaking Credits: (3)
- COMM 346 - Communications Ethics and Responsibilities Credits: (3)
- COMM 350 - Communication Theory and Criticism Credits: (3)

Computer Science, B.S.

Total number of hours for the program: 120.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major requires 72 hours.

Core Courses (14 hours)

A grade of C (2.0) or higher is required for all core computer science courses to satisfy requirements for the major.

- CS 150 - Problem Solving and Programming I Credits: (4)
- CS 151 - Problem Solving and Programming II Credits: (4)
- CS 351 - Data Structures and Algorithms Credits: (3)
- CS 363 - Software Development Credits: (3)

Required Courses (40 hours)

In addition to the core courses, the following courses are also required:

- CS 220 - Social and Ethical Issues of Computing Credits: (1)
- CS 263 - Software Engineering Credits: (3)
- CS 350 - Computer Organization Credits: (3)
- CS 352 - Organization of Programming Languages Credits: (3)
- CS 361 - Computer Graphics Credits: (3)
- CS 370 - Operating Systems Credits: (3)
- CS 465 - Computer Networking Credits: (3)

- CS 495 - Capstone I Credits: (2)
- CS 496 - Capstone II Credits: (2)
- MATH 153 - Calculus I Credits: (4)
- MATH 250 - Introduction to Logic and Proof Credits: (3)
- MATH 255 - Calculus II Credits: (4)
- MATH 310 - Discrete Structures Credits: (3)
- MATH 270 - Statistical Methods I Credits: (3)
or
- MATH 370 - Probability and Statistics I Credits: (3)

Complete 12 hours selected from the following groups:

Eight hours to be selected from one group and the remaining four hours from another group in a different science.

- BIOL 140 - Principles of Biology I Credits: (4)
and
- BIOL 141 - Principles of Biology II Credits: (4)
or
- CHEM 139 - General Chemistry I Credits: (4)
and
- CHEM 140 - Advanced General Chemistry Credits: (4)
or
- GEOL 150 - Methods in Geology Credits: (4)
and
- GEOL 155 - Historical Geology Credits: (4)
or
- PHYS 130 - Introductory Physics I Credits: (4)
and
- PHYS 131 - Introductory Physics II Credits: (4)
or
- PHYS 230 - General Physics I Credits: (4)
and
- PHYS 231 - General Physics II Credits: (3-4)

Electives (6 hours)

Six additional hours of courses selected from CS courses numbered above 250 (excluding CS 301, CS 337, and CS 340) that are not required or from the courses listed below. (*Three hours of the CS elective courses have to be at the 400 level.*)

- ECET 331 - Digital Integrated Circuits Credits: (4)
- ECET 332 - Microcontrollers Credits: (4)
- ECET 431 - Microprocessor Interfacing Credits: (4)
- MATH 441 - Introduction to Numerical Analysis Credits: (3)
- MATH 450 - Linear Optimization Credits: (3)
- ECET 345 - Introduction to Local Area Networks Credits: (4)

Liberal Studies and Electives

Students must complete all liberal studies requirements and general electives as needed to reach the total of 120 hours. At least 30 hours taken at WCU must be at the junior-senior level to meet one of the general university degree requirements.

Visit the department's website at <http://www.wcu.edu/8462.asp> to view the 8 semester curriculum guide.

Computer Science, Minor

Total number of hours for the program: 17.

Minor Requirements

The minor requires 17 hours, including:

- CS 150 - Problem Solving and Programming I Credits: (4)
- CS 151 - Problem Solving and Programming II Credits: (4)

Additional Requirements

9 hours of other CS courses numbered 250 or above (excluding CS 320) or:

- MATH 441 - Introduction to Numerical Analysis Credits: (3)

Creative Writing, Minor

Total number of hours for the program: 18.

The Creative Writing minor requires 18 hours, including a 3 hour core course, 9 hours of writing electives, and 6 hours of English electives.

NOTE: The Minor in Creative Writing is not open to students pursuing the BA in English with a Professional Writing concentration. Additionally, BA English (Literature, Professional Writing, English Studies Pedagogy, and Motion Picture Studies) students who elect to enroll in the Professional Writing, Film Studies, Literature, or Creative Writing minor may not use an ENGL course for both the major and the minor; counting of a course between those majors and this minor is not allowed.

Core (3 hours)

- ENGL 302 - Introduction to Creative Writing and Editing Credits: 3

Creative Writing Electives (9 hours)

- ENGL 306 - Nonfiction Writing Credits: (3)
- ENGL 308 - Fiction Writing Credits: (3, R6)
- ENGL 309 - Poetry Writing Credits: (3, R6)
- ENGL 405 - Advanced Creative Writing Credits: (3)
- ENGL 412 - Grammar for Writers Credits: (3)
- ENGL 493 - Topics in Creative Writing Credits: (1-3, R6)
- ENGL 497 - Senior Seminar in Writing Credits: (3)
- MPTP 310 - Introduction to Screenwriting Credits: (3)

English Electives (6 hours)

6 hours from any of the 300-400 level ENGL classes.

Earth Sciences, Minor

Total number of hours for the program: 17.

Minor Requirements

The minor requires 17 or 18 hours, including:

- GEOG 150 - Environmental Geography Credits: (3)
- GEOG 300 - Weather and Climate Credits: (4)
- GEOL 150 - Methods in Geology Credits: (4)
- GEOL 250 - Introduction to the Rock Forming Minerals Credits: (3)

Plus

One other freshman-level geology course.

English (English Studies Pedagogy), B.A.

Total number of hours for the program: 120.

This program does not lead to licensure. Only students who also complete the BSEd Secondary and Special Subject Teaching (grades 9-12) -- English may be recommended for NC Teaching Licensure in English Language Arts.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Language Requirement (6 hours)

MFL 231, 232, 240 Credits: (6)

The BA language requirement (6 hours at the intermediary/200- level) is waived for students who are double majoring in the concentration (BA English -- ESP) and in the BSEd Secondary English Teaching (grades 9-12) degree. Students double majoring in this concentration (BA English -- ESP) and in the BSEd Secondary English Teaching (grades 9-12) degree must satisfy the language requirement for that BSEd degree, which is 6 hours of any foreign language or languages at any level.

The Major Requires 34 hours:

Gateway Course (1 hour)

- ENGL 200 - Introduction to the English Major Credits: (1)

Capstone Course (3 hours)

One (3 hours) of the following:

- EDSE 484 - Supervised Internship I Credits: (1-3)
or
- ENGL 498 - Senior Seminar in English Credits: (3)

English Core (6 hours)

Two (6 hours) of the following:

- ENGL 240 - Research, Literary Criticism & British Literature Credits: (3).
- ENGL 241 - Formalism & American Literature Credits: (3)
- ENGL 242 - Cultural Studies & Non-Western World Literature Credits: (3)

English Studies Pedagogy Methods Core (12 hours)

- ENGL 319 - The Teaching of Grammar Credits: (3)
- ENGL 414 - Fundamentals of Teaching Composition Credits: (3)
- ENGL 416 - Teaching English as a Second Language Credits: (3)
- ENGL 418 - Fundamentals of Teaching Literature Credits: (3).

English Studies Pedagogy Electives (12 hours)

12 hours from the following courses:

- ENGL 303 - Introduction to Professional Writing and Editing Credits: (3)
- ENGL 333 - Introduction to Shakespeare Credits: (3)
- ENGL 350 - The Renaissance Credits: (3)
- ENGL 351 - The Beats, Radicals, and Avant-Garde Literature Credits: (3)
- ENGL 352 - The Journey in Literature Credits: (3)
- ENGL 353 - Stories Retold Credits: (3)
- ENGL 465 - Topics in African American Literature Credits: (3)
- ENGL 366 - Literature of American Immigration Credits: (3)
- ENGL 367 - Appalachian Literature Credits: (3)
- ENGL 378 - Motion Picture Histories Credits: (3)
- ENGL 390 - The Bible as Literature Credits: (3)
- ENGL 394 - Film Adaptation Credits: (3, R6)
- ENGL 411 - History of the English Language Credits: (3)
- ENGL 419 - Medieval Literature Credits: (3)
- ENGL 420 - Chaucer and His Age Credits: (3)
- ENGL 421 - Fairy Tale Literature Credits: (3)
- ENGL 430 - English Literature of the Renaissance Credits: (3)
- ENGL 431 - Shakespeare and His Age Credits: (3)
- ENGL 440 - Milton and His Age Credits: (3)
- ENGL 441 - The Age of Pope, Swift, and Johnson Credits: (3)
- ENGL 450 - Major Writers Credits: (3, R6)
- ENGL 451 - Nineteenth-Century British Writers Credits: (3)
- ENGL 459 - Southern Literature Credits: (3)
- ENGL 461 - The "Long 19th Century" in American Literature Credits: (3)
- ENGL 463 - Contemporary Literature Credits: (3)
- ENGL 464 - Native American Literature Credits: (3)
- ENGL 469 - Directors/Screenwriters/Stars Credits: 3, R6
- ENGL 470 - Twentieth-Century and Contemporary Postcolonial Literature Credits: (3)
- ENGL 471 - Studies in Poetry Credits: (3)
- ENGL 472 - Studies in Fiction Credits: (3)
- ENGL 473 - Studies in Drama Credits: (3)
- ENGL 474 - Literary Theory Credits: (3)
- ENGL 475 - Modernism Credits: (3)

- ENGL 476 - The Short Story Credits: (3)
- ENGL 477 - Literature and Gender Credits: (3)
- ENGL 478 - Film Theory Credits: (3)
- ENGL 479 - Studies in Literature Credits: (3, R6)
- ENGL 480 - Studies in English Credits: (1-3, R6)
- ENGL 496 - Seminar in World Literature Credits: (3)
- ENGL 498 - Senior Seminar in English Credits: (3)

Additional Information:

A total of 120 hours is required to graduate with a BA in English, including a minor, second major (such as BSEd), or other approved program (38-44 hours depending on the number of hours taken in the major that also count for Liberal Studies). BA - English Studies Pedagogy students are encouraged to take ENGL classes as their general electives to meet the 120 hour requirement. The number of additional hours (beyond program and Liberal Studies requirements) needed to graduate will vary depending on the hours required by the minor, second major or approved program.

Note: BA English --English Studies Pedagogy students who do not double major in the BSEd Secondary English Teaching must satisfy the BA Language requirements (MFL 231 & 232 or MFL 240) and must have a minor, second major or approved program.

BA English (Literature, Professional Writing, English Studies Pedagogy, or Motion Picture Studies) students who elect to enroll in the Professional Writing, Film Studies, Literature, or Creative Writing minor may not use an ENGL course for both the major and the minor; double counting of a course between those majors and this minor is not allowed.

English (Literature Concentration), B.A.

Total number of hours for the program: 120.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

Language Requirement - 6 hours MFL 231, 232, 240 Credits: (6)

The major requires 34 hours as follows:

Gateway Course (1 hour)

- ENGL 200 - Introduction to the English Major Credits: (1)

The Capstone Course (3 hours)

- ENGL 498 - Senior Seminar in English Credits: (3)

The following three Survey Core Courses (9 hours)

- ENGL 240 - Research, Literary Criticism & British Literature Credits: (3).
- ENGL 241 - Formalism & American Literature Credits: (3)
- ENGL 242 - Cultural Studies & Non-Western World Literature Credits: (3)

One of the following three Professional Writing Courses (3 hours)

- ENGL 303 - Introduction to Professional Writing and Editing Credits: (3)
- ENGL 305 - Technical Writing Credits: (3)
- ENGL 401 - Writing for Careers Credits: (3)

Literature and Film Studies Electives (18 hours)

18 hours of 300-400 level English Literature or Film courses. Only 6 of these hours may be Liberal Studies courses:

- ENGL 474 - Literary Theory Credits: (3)
- ENGL 333 - Introduction to Shakespeare Credits: (3)
- ENGL 350 - The Renaissance Credits: (3)
- ENGL 351 - The Beats, Radicals, and Avant-Garde Literature Credits: (3)
- ENGL 352 - The Journey in Literature Credits: (3)
- ENGL 353 - Stories Retold Credits: (3)
- ENGL 459 - Southern Literature Credits: (3)
- ENGL 465 - Topics in African American Literature Credits: (3)
- ENGL 366 - Literature of American Immigration Credits: (3)
- ENGL 367 - Appalachian Literature Credits: (3)
- ENGL 368 - Film Genres Credits: (3, R6)
- ENGL 476 - The Short Story Credits: (3)
- ENGL 378 - Motion Picture Histories Credits: (3)
- ENGL 390 - The Bible as Literature Credits: (3)
- ENGL 394 - Film Adaptation Credits: (3, R6)
- ENGL 411 - History of the English Language Credits: (3)
- ENGL 419 - Medieval Literature Credits: (3)
- ENGL 420 - Chaucer and His Age Credits: (3)
- ENGL 421 - Fairy Tale Literature Credits: (3)
- ENGL 430 - English Literature of the Renaissance Credits: (3)
- ENGL 431 - Shakespeare and His Age Credits: (3)
- ENGL 440 - Milton and His Age Credits: (3)
- ENGL 441 - The Age of Pope, Swift, and Johnson Credits: (3)
- ENGL 450 - Major Writers Credits: (3, R6)
- ENGL 451 - Nineteenth-Century British Writers Credits: (3)
- ENGL 461 - The "Long 19th Century" in American Literature Credits: (3)
- ENGL 463 - Contemporary Literature Credits: (3)
- ENGL 464 - Native American Literature Credits: (3)
- ENGL 469 - Directors/Screenwriters/Stars Credits: 3, R6
- ENGL 470 - Twentieth-Century and Contemporary Postcolonial Literature Credits: (3)
- ENGL 471 - Studies in Poetry Credits: (3)
- ENGL 472 - Studies in Fiction Credits: (3)
- ENGL 473 - Studies in Drama Credits: (3)
- ENGL 475 - Modernism Credits: (3)
- ENGL 477 - Literature and Gender Credits: (3)
- ENGL 478 - Film Theory Credits: (3)
- ENGL 479 - Studies in Literature Credits: (3, R6)
- ENGL 480 - Studies in English Credits: (1-3, R6)
- ENGL 496 - Seminar in World Literature Credits: (3)

Additional Requirements

A total of 120 hours is required to graduate with a BA, including a minor, second major, or other approved program (at least 38 hours). Literature students are encouraged to take ENGL classes as their general electives to meet the 120 hour requirement. If courses taken in the major also are used to meet Liberal Studies requirements more hours need to be completed to reach the 120 hours required for the degree.

BA English (Literature, Professional Writing, English Studies Pedagogy or Motion Picture Studies) students who elect to enroll in the Professional Writing, Film Studies, Literature or Creative Writing minor may not use an ENGL course for both the major and the minor; double counting of a course between those majors and this minor is not allowed.

All BSEd Secondary Education -- English majors must also enroll in the BA English degree program. Any BA English concentration may be selected (i.e. Literature, Professional Writing, Motion Picture Studies, or English Studies Pedagogy) but the English Studies Pedagogy (ESP) concentration allows completion of both degrees within 120 hours. BSEd Secondary Education -- English students who enroll in the BA English -- ESP concentration satisfy the BA language requirement with the language requirement of the BSEd Secondary Education - English (six hours in an foreign language or languages). Selection of any other BA English concentration requires completion of the prescribed BA foreign language requirement (6 hours MFL 231/232 or 240) and may require coursework beyond 120 hours in order to couplet the requirements of both programs.

English (Motion Picture Studies Concentration), B.A.

Total number of hours for the program: 120.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

Language Requirement (6 hours)

- MFL 231, 232 or 240 Credits: (6)

The major requires 34 hours as follows:

Gateway Course (1 hour)

- ENGL 200 - Introduction to the English Major Credits: (1)

English Studies Core (6 hours)

Required core course (3 hours):

- ENGL 242 - Cultural Studies & Non-Western World Literature Credits: (3)
One of the following (3 hours):
- ENGL 240 - Research, Literary Criticism & British Literature Credits: (3).
- ENGL 241 - Formalism & American Literature Credits: (3)

Motion Picture Studies Required Courses (15 hours)

All of the following courses:

- ENGL 278 - Introduction to Film Studies Credits: (3)
- ENGL 308 - Fiction Writing Credits: (3, R6)
- ENGL 394 - Film Adaptation Credits: (3, R6)
- ENGL 478 - Film Theory Credits: (3)
- MPTP 310 - Introduction to Screenwriting Credits: (3)

Interdisciplinary Electives (6 hours)

6 hours selected from the following:

- ART 479 - Motion Graphics II Credits: (3, R6)
- COMM 255 - Television Production I Credits: (3)
- COMM 351 - Introduction to Television Studies Credits: (3)
- LAW 406 - Media Law Credits: (3)
- MPTP 320 - Adapting the Short Story Credits: (3)
- MPTP 321 - Scene Writing Credits: (3)
- MPTP 340 - Filmmakers on Filmmaking Credits: (3)
- MUS 469 - Music in Motion Pictures Credits: (3)
- PAR 309 - Philosophy In and Of Film Credits: (3)
- PAR 353 - Religion in Film Credits: (3)

English Electives (6 hours)

6 hours of 300-400 level ENGL electives. The following are recommended but not required:

- ENGL 303 - Introduction to Professional Writing and Editing Credits: (3)
- ENGL 304 - Writing for Electronic Environments Credits: (3)
- ENGL 307 - Professional Editing and Publishing Credits: (3)
- ENGL 313 - Authoring Multimedia Credits: (3, R6)
- ENGL 474 - Literary Theory Credits: (3)
- ENGL 378 - Motion Picture Histories Credits: (3)
- ENGL 469 - Directors/Screenwriters/Stars Credits: 3, R6
- ENGL 476 - The Short Story Credits: (3)
- ENGL 472 - Studies in Fiction Credits: (3)

Additional Requirements

A total of 120 hours is required to graduate with a BA, including a minor, second major, or other approved program (at least 38 hours). BA English - Motion Picture Studies students may not declare a Film Studies minor.

BA English (Literature, Professional Writing, English Studies Pedagogy, or Motion Picture Studies) students who elect to enroll in the Professional Writing, Film Studies, Literature or Creative Writing minor may not use an ENGL course for both the major and the minor; double counting of course between those majors and this minor is not allowed. If courses taken in the major are also used to complete the Liberal Studies requirements more hours need to be completed to reach the 120 hours required for degree.

All BSEd Secondary Education - English majors must also enroll in the BA English degree program. Any BA English concentration may be selected (i.e. Literature, Professional Writing, Motion Picture Studies, or English Studies Pedagogy) but the English Studies Pedagogy (ESP) concentration allows completion of both degrees within 120 hours. BSEd Secondary Education - English students who enroll in the BA English - ESP concentration satisfy the BA language requirement with the language requirement of the BSEd Secondary Education - English (six hours in any

foreign language or languages). Selection of any other BA English concentration requires completion of the prescribed BA foreign language requirement (6 hours MFL 231/232 or 240) and may require coursework beyond the 120 hours in order to complete the requirements of both programs.

English (Professional Writing Concentration), B.A.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

Language Requirement - 6 hours MFL 231, 232 or 240 Credits: (6)

The major requires 34 hours as follows:

(1 hour) Gateway Course

- ENGL 200 - Introduction to the English Major Credits: (1)

(3 hour) Capstone Course

- ENGL 389 - Cooperative Education: Professional Writing Credits: (1 or 3, R15)
or
- ENGL 483 - Writing Internship Credits: (3)

(6 Hours) Two of the following three Survey Core Courses

- ENGL 240 - Research, Literary Criticism & British Literature Credits: (3).
- ENGL 241 - Formalism & American Literature Credits: (3)
- ENGL 242 - Cultural Studies & Non-Western World Literature Credits: (3)

(6 hours) Professional Writing Required Courses

- ENGL 302 - Introduction to Creative Writing and Editing Credits: 3
- ENGL 303 - Introduction to Professional Writing and Editing Credits: (3)

12 Hours Professional Writing Electives Selected From:

- ENGL 304 - Writing for Electronic Environments Credits: (3)
- ENGL 305 - Technical Writing Credits: (3)
- ENGL 306 - Nonfiction Writing Credits: (3)
- ENGL 307 - Professional Editing and Publishing Credits: (3)
- ENGL 308 - Fiction Writing Credits: (3, R6)
- ENGL 309 - Poetry Writing Credits: (3, R6)
- ENGL 313 - Authoring Multimedia Credits: (3, R6)
- ENGL 401 - Writing for Careers Credits: (3)
- ENGL 405 - Advanced Creative Writing Credits: (3)
- ENGL 493 - Topics in Creative Writing Credits: (1-3, R6)
- MPTP 310 - Introduction to Screenwriting Credits: (3)

- ENGL 412 - Grammar for Writers Credits: (3)
- ENGL 497 - Senior Seminar in Writing Credits: (3)

(6 Hours) Guided English Electives

6 hours selected from 300-400 level ENGL courses.

A total of 120 hours is required to graduate with a BA, including a minor, second major, or other approved program (at least 38 hours). Professional Writing Students are encouraged to take ENGL classes as their general electives to meet the 120 hour requirement.

BA English (Literature, Professional Writing, English Studies, Pedagogy, or Motion Picture Studies) students who elect to enroll in the Professional Writing, Film Studies, Literature, or Creative Writing minor may not use an ENGL course for both the major and the minor; double counting of a course between majors and this minor is not allowed.

All BSEd Secondary Education - English majors must also enroll in the BA English degree program. Any BA English concentration may be selected (i.e. Literature, Professional Writing, Motion Picture Studies, or English Studies Pedagogy) but the English Studies Pedagogy (ESP) concentration allows completion of both degrees within 120 hours. BSEd Secondary Education - English students who enroll in the BA English - ESP concentration satisfy the BA language requirements with the language requirement of the BSEd Secondary Education - English (six hours in any foreign language or languages). Selection of any other BA English concentration requires completion of the prescribed BA foreign language requirement (6 hours MFL 231,232 or 240) and may require coursework beyond the 120 hours in order to complete the requirements of both programs.

Visit the department's website at <http://www.wcu.edu/609.asp> to view the 8 semester curriculum guide.

English, Minor

Total number of hours for the program: 18.

The Minor in English requires 18 semester hours of English hours.

NOTE: The Minor in English is not open to students pursuing a degree in English in any concentration.

18 Semester hours selected from the following English courses:

The minor requires 18 hours of English courses, exclusive of ENGL 300 and those approved for 100-200 level liberal studies credit.

- ENGL 240 - Research, Literary Criticism & British Literature Credits: (3).
- ENGL 241 - Formalism & American Literature Credits: (3)
- ENGL 242 - Cultural Studies & Non-Western World Literature Credits: (3)
- ENGL 278 - Introduction to Film Studies Credits: (3)
- ENGL 290 - Literature and the Sacred Credits: (3)
- ENGL 302 - Introduction to Creative Writing and Editing Credits: 3
- ENGL 303 - Introduction to Professional Writing and Editing Credits: (3)
- ENGL 304 - Writing for Electronic Environments Credits: (3)
- ENGL 305 - Technical Writing Credits: (3)
- ENGL 306 - Nonfiction Writing Credits: (3)
- ENGL 307 - Professional Editing and Publishing Credits: (3)
- ENGL 308 - Fiction Writing Credits: (3, R6)
- ENGL 309 - Poetry Writing Credits: (3, R6)

- ENGL 312 - Grammar for Teachers Credits: (3)
- ENGL 313 - Authoring Multimedia Credits: (3, R6)
- ENGL 319 - The Teaching of Grammar Credits: (3)
- ENGL 333 - Introduction to Shakespeare Credits: (3)
- ENGL 350 - The Renaissance Credits: (3)
- ENGL 351 - The Beats, Radicals, and Avant-Garde Literature Credits: (3)
- ENGL 352 - The Journey in Literature Credits: (3)
- ENGL 353 - Stories Retold Credits: (3)
- ENGL 366 - Literature of American Immigration Credits: (3)
- ENGL 367 - Appalachian Literature Credits: (3)
- ENGL 368 - Film Genres Credits: (3, R6)
- ENGL 378 - Motion Picture Histories Credits: (3)
- ENGL 389 - Cooperative Education: Professional Writing Credits: (1 or 3, R15)
- ENGL 390 - The Bible as Literature Credits: (3)
- ENGL 394 - Film Adaptation Credits: (3, R6)
- ENGL 401 - Writing for Careers Credits: (3)
- ENGL 405 - Advanced Creative Writing Credits: (3)
- ENGL 411 - History of the English Language Credits: (3)
- ENGL 412 - Grammar for Writers Credits: (3)
- ENGL 414 - Fundamentals of Teaching Composition Credits: (3)
- ENGL 415 - Linguistics Credits: (3)
- ENGL 416 - Teaching English as a Second Language Credits: (3)
- ENGL 417 - Methods for Teaching English Credits: (3)
- ENGL 419 - Medieval Literature Credits: (3)
- ENGL 420 - Chaucer and His Age Credits: (3)
- ENGL 421 - Fairy Tale Literature Credits: (3)
- ENGL 430 - English Literature of the Renaissance Credits: (3)
- ENGL 431 - Shakespeare and His Age Credits: (3)
- ENGL 440 - Milton and His Age Credits: (3)
- ENGL 441 - The Age of Pope, Swift, and Johnson Credits: (3)
- ENGL 450 - Major Writers Credits: (3, R6)
- ENGL 451 - Nineteenth-Century British Writers Credits: (3)
- ENGL 459 - Southern Literature Credits: (3)
- ENGL 461 - The "Long 19th Century" in American Literature Credits: (3)
- ENGL 463 - Contemporary Literature Credits: (3)
- ENGL 464 - Native American Literature Credits: (3)
- ENGL 465 - Topics in African American Literature Credits: (3)
- ENGL 469 - Directors/Screenwriters/Stars Credits: 3, R6
- ENGL 470 - Twentieth-Century and Contemporary Postcolonial Literature Credits: (3)
- ENGL 471 - Studies in Poetry Credits: (3)
- ENGL 472 - Studies in Fiction Credits: (3)
- ENGL 473 - Studies in Drama Credits: (3)
- ENGL 474 - Literary Theory Credits: (3)
- ENGL 475 - Modernism Credits: (3)
- ENGL 476 - The Short Story Credits: (3)
- ENGL 477 - Literature and Gender Credits: (3)
- ENGL 478 - Film Theory Credits: (3)
- ENGL 479 - Studies in Literature Credits: (3, R6)
- ENGL 480 - Studies in English Credits: (1-3, R6)

- ENGL 483 - Writing Internship Credits: (3)
- ENGL 484 - Writing Internship Credits: (3)
- ENGL 485 - Writing Internship Credits: (3)
- ENGL 493 - Topics in Creative Writing Credits: (1-3, R6)
- ENGL 494 - Special Topics in Advanced American English for Non-Native Speakers Credits: (1, R6)
- ENGL 496 - Seminar in World Literature Credits: (3)
- ENGL 497 - Senior Seminar in Writing Credits: (3)
- ENGL 498 - Senior Seminar in English Credits: (3)
- MPTP 310 - Introduction to Screenwriting Credits: (3)
- MPTP 406 - Screenwriting II Credits: (3)
- MPTP 407 - Screenwriting III Credits: (3, R6)

Environmental Science (Interdisciplinary), B.S.

Total number of hours for program: 120.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major requires 69 hours as follows:

Foundations in Environmental Science

- BIOL 140 - Principles of Biology I Credits: (4)
- BIOL 141 - Principles of Biology II Credits: (4)
- CHEM 140 - Advanced General Chemistry Credits: (4)
- ES 101 - Careers and Issues in Environmental Science Credits: (1)
- ES 150 - Introduction and Approaches to Environmental Science Credits: (4)
- ES 495 - Senior Research Seminar in Environmental Science Credits: (3)
- GEOL 150 - Methods in Geology Credits: (4)
- MATH 140 - Introductory Calculus Credits: (5)

Geographic Information Systems

Choose one from the following list:

- GEOG 321 - Geographic Information Systems Credits: (3)
- or*
- NRM 344 - Introduction to Geographic Information Systems Credits: (4)

Environmental Health

Choose one from the following list:

- ENVH 310 - Water Quality Control Credits: (3)
- ENVH 375 - Environmental Toxicology Credits: (3)
- ENVH 440 - Air Quality Control Credits: (3)
- ENVH 470 - Principles of Epidemiology Credits: (4)

Environmental Policy

Choose one from the following list:

- ECON 310 - Natural Resource Economics Credits: (3)
- ENVH 458 - Environmental Regulation and Law Credits: (3)
- NRM 442 - Natural Resources Policy and Administration Credits: (3)

Environment and Society

Choose one from the following list:

- ANTH 351 - Environmental Anthropology Credits: (3)
- GEOG 402 - Conservation of Natural Resources Credits: (3)
- PAR 330 - America's Wilderness Ethics and Aesthetics Credits: (3)
- PAR 333 - Environmental Ethics Credits: (3)
- SOC 371 - Society and the Environment Credits: (3)

Advanced Study in the Environmental Sciences

Student must obtain approval of a degree plan from the ES committee prior to pursuing Advanced Study courses. Advanced Study courses must not duplicate Foundations courses.

A. Quantitative Methods

Choose one from the following list:

- BIOL 467 - Biostatistics Credits: (3)
- CHEM 232 - Quantitative Analysis Credits: (4)
- MATH 375 - Statistical Methods II Credits: (3)

B. Advanced Environmental Sciences

i. Field & Natural Environmental Science

Choose one from the following list:

- BIOL 434 - Terrestrial Ecology Credits: (4)
- BIOL 435 - Aquatic Ecology Credits: (4)
- GEOL 305 - Soils and Hydrology Credits: (4)
- GEOL 405 - Hydrogeology Credits: (4)

ii. Analytical/Instrumentation

Choose one from the following list:

- CHEM 330 - Aquatic Chemistry Credits: (Lecture 3; Lab 1)
- CHEM 370 - Instrumental Analysis I Credits: (4)
- CHEM 435 - Instrumental Analysis II Credits: (3)
- CHEM 461 - Environmental Chemistry Credits: (3)

C. Guided Electives

Choose 18 hours of upper level courses from the list below, or course(s) in consultation with your advisor. Courses may not duplicate other degree requirements.

- BIOL 304 - General Ecology Credits: (3)
- BIOL 434 - Terrestrial Ecology Credits: (4)
- BIOL 435 - Aquatic Ecology Credits: (4)
- BIOL 467 - Biostatistics Credits: (3)
- BIOL 473 - Microbial Ecology Credits: (4)
- BIOL 476 - Contemporary Fisheries Credits: (4)
- CHEM 330 - Aquatic Chemistry Credits: (Lecture 3; Lab 1)
- CHEM 370 - Instrumental Analysis I Credits: (4)
- CHEM 435 - Instrumental Analysis II Credits: (3)
- CHEM 461 - Environmental Chemistry Credits: (3)
- ENVH 310 - Water Quality Control Credits: (3)
- ENVH 312 - Solid and Hazardous Waste Management Credits: (2)
- ENVH 375 - Environmental Toxicology Credits: (3)
- ENVH 440 - Air Quality Control Credits: (3)
- ENVH 457 - Industrial Hygiene Credits: (3)
- ENVH 470 - Principles of Epidemiology Credits: (4)
- GEOL 305 - Soils and Hydrology Credits: (4)
- GEOL 405 - Hydrogeology Credits: (4)
- GEOL 410 - Fluvial Geomorphology Credits: (3)
- GEOL 423 - Contaminated Rivers: Assessment, Remediation, and Restoration Credits: (3)
- GEOL 455 - Wetlands Credits: (3)
- MATH 270 - Statistical Methods I Credits: (3)
- MATH 370 - Probability and Statistics I Credits: (3)
- MATH 375 - Statistical Methods II Credits: (3)
- NRM 351 - Forest Ecology Credits: (3)
- NRM 371 - Landscape Ecology Credits: (3)
- NRM 472 - Geospatial Analysis Credits: (4)

D. General Electives Hours (9-24 hours)

Students must take at least 30 hours at the junior-senior level at WCU in order to satisfy general university degree requirements.

(General Elective Hours depend on the number of hours taken in the major that also count for Liberal Studies.)

Visit the department's website at <http://www.wcu.edu/4428.asp> to view the 8 semester curriculum guide.

Film Studies, Minor

Total number of hours for the program: 18.

The Minor in Film Studies requires 18 semester hours as follows, exclusive of those counting toward the major.

NOTE: The Minor in Film Studies is not open to students pursuing the BA in English with a Motion Picture Studies concentration. Additionally, BA English (Literature, Professional Writing, English Studies Pedagogy, and Motion Picture Studies) students who elect to enroll in the Professional Writing, Film Studies, Literature, or Creative Writing minor may not use an ENGL course for both the major and the minor; counting of a course between those majors and this minor is not allowed.

Required Courses

- ENGL 278 - Introduction to Film Studies Credits: (3)
- ENGL 378 - Motion Picture Histories Credits: (3)

12 semester hours selected from:

- ART 479 - Motion Graphics II Credits: (3, R6)
- COMM 255 - Television Production I Credits: (3)
- COMM 351 - Introduction to Television Studies Credits: (3)
- ENGL 368 - Film Genres Credits: (3, R6)
- ENGL 394 - Film Adaptation Credits: (3, R6)
- ENGL 478 - Film Theory Credits: (3)
- LAW 406 - Media Law Credits: (3)
- MPTP 310 - Introduction to Screenwriting Credits: (3)
- MPTP 320 - Adapting the Short Story Credits: (3)
- MPTP 321 - Scene Writing Credits: (3)
- MPTP 340 - Filmmakers on Filmmaking Credits: (3)
- MUS 469 - Music in Motion Pictures Credits: (3)
- PAR 309 - Philosophy In and Of Film Credits: (3)
- PAR 353 - Religion in Film Credits: (3)

NOTE: A course carrying a repeat credit may be applied only once to the minor.

Forensic Anthropology, Minor

Total number of hours for the program: 21.

Minor Requirements

The minor requires 21 hours, including:

- ANTH 250 - Archaeology and Bioanthropology Credits: (3)
- ANTH 251 - Introduction to Forensic Anthropology Credits: (3)
- ANTH 260 - Cultural and Social Anthropology Credits: (3)
- ANTH 364 - Human Osteology Credits: (3)
- ANTH 400 - Human Osteology Method & Theory Credits: (3)

Additional Requirements

6 hours of junior-senior level anthropology courses.

Forensic Science (Interdisciplinary), B.S.

Total number of hours for the program: 124.

Pre-Forensic Science Core Major: Declaration of major in Pre-Forensic Science does not guarantee entry into the Forensic Science Program. Admittance into the program is dependent on completion of program entry requirements. Students should apply to the Forensic Science Program by the end of their sophomore year. For the most up to date information regarding these requirements, please visit the Forensic Science Program Website at <http://www.wcu.edu/4429.asp>.

Pre-Forensic Science Core Coursework: All students wishing to apply to the Forensic Science Program must have completed a core set of science courses. This coursework includes BIOL 140, 270, CHEM 139, 140 and 241, PHYS 130 and 131, and MATH 153 and 270.

Minimum GPA Requirement: All Forensic Science students must maintain a 2.75 GPA in the major coursework. Students who fail to meet this requirement may be denied entry into the Forensic Science Program. Students are also required to maintain a 2.75 GPA in all major coursework while enrolled as a Forensic Science student.

Statement of Goals: Each student applying for entry into the Forensic Science Program must submit an essay describing his/her career goals in Forensic Science or related area. The essay must be no longer than 2 pages, and should be included with the submitted application packet.

Comprehensive Examination: All students wishing to apply to the Forensic Science Program must register to take the Forensic Science Comprehensive Entrance Examination at the end of their sophomore year (or as soon as the core science coursework has been satisfied). This exam includes material from core science coursework including General Biology I & II, General Chemistry I & II, Organic Chemistry, Physics I & II, Statistics and Calculus I. A grade of 70% or better on this exam is considered passing. Students not earning a grade of 70% or better may be denied acceptance into the Forensic Science Program. Additional information and registration forms for the comprehensive examination can be found on the Forensic Science Program website.

Other Requirements: Students must sign a memorandum which states that they have been advised of the implications of having a criminal record of any kind, and of the potential to be subjected to a criminal background check should they be accepted into an internship position.

When do students apply?: To be considered for admission, students must have satisfied (or be in the process of satisfying) all of the entry requirements stated above. The admission application packet can be found on the Forensic Science Program website. The completed applications must be received no later than April 1st for Fall Admission, and October 1st for Spring Admission. Notifications will be sent to WCU students email accounts in June for Fall Admission and in November for Spring Admission.

Waivers: Students with exceptional academic records may appeal one or more of the entry requirements to the Program Director. At the time the waivers are approved, the student will be admitted into the program. The student should note, however, that this type of waiver does not exempt them from completing the course requirement for degree completion.

Liberal Studies, 42 hours

Major requirements, 82 hours as follows:

Core Science Courses: (30 hours)

- BIOL 140 - Principles of Biology I Credits: (4)
- CHEM 139 - General Chemistry I Credits: (4)
- CHEM 140 - Advanced General Chemistry Credits: (4)
- CHEM 241 - Organic Chemistry I Credits: (3)
- MATH 153 - Calculus I Credits: (4)
- MATH 270 - Statistical Methods I Credits: (3)
- PHYS 130 - Introductory Physics I Credits: (4)
- PHYS 131 - Introductory Physics II Credits: (4)

Additional Natural Science and Forensic Science Courses: (29 Hours)

- BIOL 422 - Forensic Biology Credits: (4)

or

- CHEM 465 - Forensic Chemistry Credits: (4)
- CJ 150 - Introduction to Criminal Justice & Criminology Credits: (3)
- CJ 323 - Crime Scene Investigations Credits: (3)
- CHEM 232 - Quantitative Analysis Credits: (4)
- CHEM 242 - Organic Chemistry II Credits: (3)
- CHEM 272 - Organic Chemistry Lab Credits: (2)
- FS 380 - Research in Forensic Science Credits: (3, R15)

or

- FS 389 - Cooperative Education in Forensic Science Credits: (3)
- FS 463 - The Scientific Method Credits: (3)
- FS 466 - Physical Methods in Forensic Science Credits: (3)
- FS 495 - Senior Seminar in Forensic Science Credits: (1, R3)

One concentration selected from Biology or Chemistry

Biology Concentration (17 hours selected from)

- BIOL 240 - Introduction to Genetics Credits: (4)
- BIOL 330 - Population Genetics for Forensic Science Credits: (3)

or

- FS 330 - Population Genetics for Forensic Science Credits: (3)
- BIOL 333 - Cell and Molecular Biology Credits: (4)
- BIOL 361 - Principles of Biochemistry Credits: (3)

or

- CHEM 361 - Principles of Biochemistry Credits: (3)

Choose from one of the following (3 hours)

- CHEM 462 - Molecular Bioinformatics Credits: (3)
- CHEM 464 - Genomics Credits: (3)

Chemistry Concentration (16 hours selected from)

Students must take the following (10 hours)

- CHEM 352 - Physical Chemistry I Credits: (3)
 - CHEM 361 - Principles of Biochemistry Credits: (3)
- or*
- BIOL 361 - Principles of Biochemistry Credits: (3)
 - CHEM 370 - Instrumental Analysis I Credits: (4)

Choose two of the following (6 hours)

- CHEM 321 - Inorganic Chemistry Credits: (3)
- CHEM 435 - Instrumental Analysis II Credits: (3)
- CHEM 441 - Advanced Organic Chemistry Credits: (3)

Guided Electives:

6-15 hours (depending on the number of major courses that also count in Liberal Studies Requirements.)

- ANTH 364 - Human Osteology Credits: (3)
- ANTH 400 - Human Osteology Method & Theory Credits: (3)
- ANTH 401 - Bone Trauma & Modification Credits: (3)
- PSY 370 - Psychology and Law Credits: (3)
- PSY 470 - Abnormal Psychology Credits: (3)

Additional Requirements:

Students must take at least 31 hours at the junior-senior level at WCU to satisfy general university degree requirements.

Visit the department's website at <http://www.wcu.edu/4429.asp> to view the 8 semester curriculum guide.

French, B.A.

This program is on inactive status and no new students are being enrolled.

Geography, B.S.

This program is on inactive status and no new students are being enrolled.

Geography, Minor

Total number of hours for the program: 21.

Minor Requirements

The minor requires 21 hours, including:

- GEOG 150 - Environmental Geography Credits: (3)
- GEOG 350 - Economic Geography Credits: (3)

Electives

15 hours of electives above the freshmen level.

Geology, B.S.

Total number of hours for program: 120.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major requires 64 hours, including 29 hours in core courses and 35 hours in a concentration.

Core Courses

- Capstone course such as a research project, senior thesis, or senior research seminar Credits: (3)
- GEOL 150 - Methods in Geology Credits: (4)
- GEOL 155 - Historical Geology Credits: (4)
- GEOL 250 - Introduction to the Rock Forming Minerals Credits: (3)
- GEOL 305 - Soils and Hydrology Credits: (4)
- GEOL 355 - Petrology Credits: (4)
- GEOL 371 - Structural Geology Credits: (4)
- GEOL 422 - Sedimentation and Stratigraphy Credits: (4)

Concentrations

Environmental Hydrology Concentration Hours:35

- CHEM 140 - Advanced General Chemistry Credits: (4)
- CHEM 330 - Aquatic Chemistry Credits: (Lecture 3; Lab 1)
or
- CHEM 461 - Environmental Chemistry Credits: (3)
- GEOL 405 - Hydrogeology Credits: (4)
- PHYS 130 - Introductory Physics I Credits: (4)
or
- PHYS 230 - General Physics I Credits: (4)

And Either

- MATH 146 - Precalculus Credits: (4)
and
- MATH 153 - Calculus I Credits: (4)

Or

- MATH 140 - Introductory Calculus Credits: (5)
and
- MATH 270 - Statistical Methods I Credits: (3)

Upper Level Electives

Upper-level electives in sciences or mathematics chosen from courses below or one approved by advisor, 11 to 12 hours:

- GEOL 260 - Oceanography Credits: (3)
- GEOL 410 - Fluvial Geomorphology Credits: (3)
- GEOL 423 - Contaminated Rivers: Assessment, Remediation, and Restoration Credits: (3)
- GEOL 455 - Wetlands Credits: (3)

Solid Earth Concentration Hours:35

- CHEM 140 - Advanced General Chemistry Credits: (4)
- GEOL 356 - Advanced Petrology Credits: (2)

or

- GEOL 471 - Tectonics Credits: (3)
- PHYS 130 - Introductory Physics I Credits: (4)

or

- PHYS 230 - General Physics I Credits: (4)

And Either

- MATH 146 - Precalculus Credits: (4)
- and*
- MATH 153 - Calculus I Credits: (4)

Or

- MATH 140 - Introductory Calculus Credits: (5)
- and*
- MATH 270 - Statistical Methods I Credits: (3)

Plus

- CHEM 232 - Quantitative Analysis Credits: (4)
- or*
- PHYS 131 - Introductory Physics II Credits: (4)
- or*
- PHYS 231 - General Physics II Credits: (3-4)

Upper Level Electives

Upper-level electives in sciences or mathematics courses approved by advisor, 10 to 14 hours.

Interdisciplinary Concentration Hours:35

- CHEM 132 - Survey of Chemistry I Credits: (4)
- or*
- CHEM 140 - Advanced General Chemistry Credits: (4)
 - MATH 146 - Precalculus Credits: (4)
 - MATH 170 - Applied Statistics Credits: (3)
- or*
- MATH 270 - Statistical Methods I Credits: (3)

Plus

- BIOL 140 - Principles of Biology I Credits: (4)
- or*
- PHYS 130 - Introductory Physics I Credits: (4)
- or*
- PHYS 230 - General Physics I Credits: (4)

Upper Level Electives

Upper-level electives in sciences or mathematics courses approved by advisor, 20 hours. At least 9 hours must form an approved set of coherent courses outside of geology.

General Electives

General electives, (14-23 hours) depending on hours taken in major that meet liberal studies requirements.

Additional Requirements

At least 30 hours of the courses taken at WCU must be at the junior-senior level to meet one of the general university degree requirements.

Note: For students planning to pursue graduate work, it is recommended that the following courses be included in the above curriculum: At least two chemistry courses, a Geology Summer Field course and:

- MATH 153 - Calculus I Credits: (4)
and
- MATH 255 - Calculus II Credits: (4)
- PHYS 131 - Introductory Physics II Credits: (4)
or
- PHYS 231 - General Physics II Credits: (3-4)

Additional Information

Visit the geology program's website at <http://geology.wcu.edu>.

Geology, Minor

Total number of hours for the program: 21.

Minor Requirements

The minor requires 21 hours, including:

- GEOL 150 - Methods in Geology Credits: (4)
- GEOL 250 - Introduction to the Rock Forming Minerals Credits: (3)

Plus

One other freshman-level geology course.

Electives

10-11 hours of geology electives above the freshman level.

German, B.A.

Total number of hours for program: 120.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Liberal Studies Recommendations

It is strongly recommended that students who choose to major in foreign language meet part of this requirement by taking a course in a different language.

Major Requirements

The German major requires 33 hours including 21 hours of German core courses and a 12-hour concentration.

To complete the program, a total of 53 hours is required, including a minor, a second major, or other approved program and general electives. At least 32 hours of the courses taken at WCU must be at the junior-senior level to meet one of the general university degree requirements. Students must maintain a minimum of 2.75 GPA in the major, and no grade below a C (2.0) for any required course in the major will be accepted.

Required German Courses (21 hours)

- GER 231 - Intermediate German I Credits: (3)
- GER 232 - Intermediate German II Credits: (3)
- or*
- GER 240 - Accelerated Second-Year German Credits: (6)
- GER 301 - German for Everyday Use Credits: (3)
- GER 321 - German Civilization Credits: (3)

A Concentration of Twelve Hours Selected From One of the Concentrations Below:

German Language and Culture

6 hours selected from:

- GER 304 - Introduction to Business German Culture Credits: (3)
- GER 310 - Introduction to German Prose and Poetry Credits: (3)
- GER 331 - Survey of German Literature Credits: (3)
- GER 431 - Studies in German Literature Credits: (3, R6)

6 hours selected from:

- GER 401 - Contrastive Features of German and English Credits: (3)
- GER 451 - Advanced German Grammar Credits: (3)
- GER 452 - Advanced German Conversation Credits: (3)
- GER 493 - Special Topics in German Credits: (1-6, R6)

German Studies

6 hours selected from:

- GER 304 - Introduction to Business German Culture Credits: (3)
- GER 310 - Introduction to German Prose and Poetry Credits: (3)
- GER 401 - Contrastive Features of German and English Credits: (3)
- GER 431 - Studies in German Literature Credits: (3, R6)
- GER 451 - Advanced German Grammar Credits: (3)
- GER 452 - Advanced German Conversation Credits: (3)
- GER 493 - Special Topics in German Credits: (1-6, R6)

6 hours selected from

- PHIL 307 - Liberty, System, and History in the Age of Revolutions Credits: (3)
- HIST 221 - European History to 1517 Credits: (3)
- HIST 222 - European History Since 1517 Credits: (3)
- HIST 330 - Modern Germany Credits: (3)
- PSC 215 - European Political Systems Credits: (3)

Additional Information

Visit department's website at <http://www.wcu.edu/as/MFL/>.

German, Minor

Total number of hours for the program: 21.

Minor Requirements (6 hours)

- GER 231 - Intermediate German I Credits: (3)
- GER 232 - Intermediate German II Credits: (3)
- or*
- GER 240 - Accelerated Second-Year German Credits: (6)

Guided Electives from German Courses:

15 hours (five courses) at the 300-400 level.

History, B.A.

Total number of hours for program: 120.

Students who elect to pursue the BA as part of the double degree licensure program in Social Sciences Education could exceed the 128 credit hours.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

Modern Foreign Language (6 hours)

- MFL 231 Credits: 3
- MFL 232 Credits: 3

Survey Credits (6 hours)

- HIST 221 - European History to 1517 Credits: (3)
- HIST 222 - European History Since 1517 Credits: (3)
- HIST 231 - American History to 1865 Credits: (3)

- HIST 232 - American History Since 1865 Credits: (3)

Methods Credits (3 hours)

- HIST 297 - Sophomore Seminar Credits: (3)

Upper Division Electives (24 hours)

24 hours of junior-senior electives to include 6 hours in United States History, 6 hours in European History, 3 hours in non-Western History. Students must complete a Capstone Experience. At least 9 hours must be at the 400 level.

HIST 395 will be double counted as an upper level division elective course in the history major for dual-degree students seeking a BA in History and a BSED in Social Science Education. It is a requirement in the BSED program in Social Science Education.

Additional Requirements

To complete the program, a total of 39 hours is required, including a minor, or a second major, or another approved program and general electives. At least 30 hours of the courses taken at WCU must be at the junior-senior level to meet one of the general university degree requirements.

Students should consult their advisors during the term before their senior year to create a plan for their Capstone Experience.

Visit the department's website at <http://www.wcu.edu/as/history/> to view the 8 semester curriculum guide.

History, B.S.

Total number of hours for program: 120. Students who elect to pursue the BS as part of the double licensure program in Social Sciences Education (BSED) could exceed the 128 credit hours.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

- MATH 170 - Applied Statistics Credits: (3)

Survey Credits (6 hours)

Take any two from the following:

- HIST 221 - European History to 1517 Credits: (3)
- HIST 222 - European History Since 1517 Credits: (3)
- HIST 231 - American History to 1865 Credits: (3)
- HIST 232 - American History Since 1865 Credits: (3)

Methods Credits (3 hours)

- HIST 297 - Sophomore Seminar Credits: (3)

Upper Division Electives (24 hours)

24 hours of junior-senior electives to include 6 hours in United States History, 6 hours in European History, 3 hours in non-Western History. Students must complete a Capstone Experience. At least 9 hours must be at the 400 level history courses.

HIST 395 will be double counted as an upper division elective course in the history major for dual-degree students seeking a BS in History and a BSED in Social Science Education. It is a requirement in the BSED program in Social Science Education.

Additional Requirements

To complete the program, a total of 42 hours is required, including a minor, or second major, or other approved program and general electives. At least 30 hours of the courses taken at WCU must be at the junior-senior level to meet one of the general university degree requirements.

Students should consult their advisors during the term before their senior year to create a plan for their Capstone Experience.

Visit the department's website at <http://www.wcu.edu/as/history/> to view the 8 semester curriculum guide.

History, Minor

Total number of hours for the program: 21.

Minor Requirements

The minor requires 21 hours, including 6 hours from:

- HIST 221 - European History to 1517 Credits: (3)
- HIST 222 - European History Since 1517 Credits: (3)
- HIST 231 - American History to 1865 Credits: (3)
- HIST 232 - American History Since 1865 Credits: (3)

Electives

15 hours of junior-senior history electives.

International Studies (Interdisciplinary), B.A.

Total number of hours for this program: 120 .

Liberal Studies Hours: 42

Liberal Studies Program Requirements

The major requires 30 hours:

Modern Foreign Languages (12 hours)

MFL 231-232 or 240 (6 hours) and 6 hours of MFL at the 300 level in the same language. or MFL 231-232 or 240 (6 hours) in the same language and 6 hours MFL in a second language.

Introductory Course (3 hours)

- PSC 110 - Global Issues Credits: (3)

Core Competencies (9 hours required)

Politics: *(select one)*

- PSC 241 - International Politics Credits: (3) or
- HIST 317 - History of Twentieth-Century International Relations Credits: (3) or
- GEOG 444 - Political Geography Credits: (3) or
- PAR 392 - Global Justice, Liberty, and Human Rights Credits: (3)

Culture: *(select one)*

- ANTH 327 - Economy and Society Credits: (3) or
- GEOG 440 - Regional Geography Credits: (3, R12) (3 credit hours only) or
- SOC 434 - Regional and Societal Development Credits: (3) or
- ENGL 470 - Twentieth-Century and Contemporary Postcolonial Literature Credits: (3)

Globalization: *(select one)*

- GEOG 350 - Economic Geography Credits: (3) or
- HIST 335 - History of Capitalism Credits: (3) or
- PSC 321 - International Political Economy Credits: (3)
or
- SOC 373 - The Global Society Credits: (3)

Guided Electives (6 hours) selected from the list below, exclusive of courses taken to fulfill a Core Competency requirement:

Politics:

- GEOG 444 - Political Geography Credits: (3)
- HIST 317 - History of Twentieth-Century International Relations Credits: (3)
- HIST 323 - British History Since 1603 Credits: (3)
- HIST 327 - Modern Russia Credits: (3)
- HIST 330 - Modern Germany Credits: (3)
- HIST 416 - Europe in the Twentieth Century Credits: (3)
- HIST 425 - Modern European Military History Credits: (3)
- HIST 452 - American Diplomatic History Credits: (3)
- HIST 463 - History of the Mexican Nation Credits: (3)
- PAR 392 - Global Justice, Liberty, and Human Rights Credits: (3)
- PSC 215 - European Political Systems Credits: (3)
- PSC 216 - Politics of Developing Areas Credits: (3)
- PSC 219 - Latin American Political Systems Credits: (3)
- PSC 241 - International Politics Credits: (3)
- PSC 317 - Politics of Asia Credits: (3)
- PSC 320 - International Environmental Politics Credits: (3)
- PSC 334 - United States Foreign Policy Credits: (3)

Culture:

- ANTH 327 - Economy and Society Credits: (3)
- ANTH 465 - Cultures of Latin America Credits: (3)
- ANTH 477 - Cultures of subSaharan Africa Credits: (3)

- ENGL 470 - Twentieth-Century and Contemporary Postcolonial Literature Credits: (3)
- ENGL 496 - Seminar in World Literature Credits: (3)
- GEOG 440 - Regional Geography Credits: (3, R12)
(3 credits only)
- HIST 361 - Latin American History I Credits: (3)
- HIST 362 - Latin American History II Credits: (3)
- HIST 375 - Middle East since Mohammed Credits: (3)
- PAR 251 - Understanding Islamic Traditions Credits: (3)
- PAR 355 - Contemporary Religious Classics Credits: (3)
- PSC 343 - Politics of Ethnic Conflict Credits: (3)
- SOC 434 - Regional and Societal Development Credits: (3)
- SPAN 321 - Hispanic Culture Credits: (3)
- **Globalization:**
- COMM 415 - Intercultural Communication Credits: (3)
- GEOG 350 - Economic Geography Credits: (3)
- HIST 335 - History of Capitalism Credits: (3)
- HIST 373 - Modern Asia Credits: (3)
- HIST 411 - Western Imperialism, 1500 to the Present Credits: (3)
- PSC 242 - International Organization Credits: (3)
- PSC 321 - International Political Economy Credits: (3)
- PSC 355 - Model United Nations Credits: (3, R6)
- SOC 373 - The Global Society Credits: (3)

Note:

Students majoring in a discipline that contributes courses to this major may take a maximum of 6 hours that would count toward satisfying both majors.

Additional Requirements:

To complete the program (48 hours) a second major is required including general electives. At least 30 hours of the courses taken at WCU must be at the junior-senior level to meet one of the general university degree requirements.

International Studies (Interdisciplinary), Minor

Minor Requirements

The minor requires 18 hours, including either:

Either

- PSC 110 - Global Issues Credits: (3)
- or*
- PSC 241 - International Politics Credits: (3)

Additional Requirements

An additional 15 hours outside the major is required from:

- ANTH 327 - Economy and Society Credits: (3)
- ANTH 465 - Cultures of Latin America Credits: (3)
- ANTH 477 - Cultures of subSaharan Africa Credits: (3)
- GEOG 350 - Economic Geography Credits: (3)

- GEOG 440 - Regional Geography Credits: (3, R12)
- GEOG 444 - Political Geography Credits: (3)
- HIST 317 - History of Twentieth-Century International Relations Credits: (3)
- HIST 322 - British History to 1603 Credits: (3)
- HIST 323 - British History Since 1603 Credits: (3)
- HIST 327 - Modern Russia Credits: (3)
- HIST 330 - Modern Germany Credits: (3)
- HIST 335 - History of Capitalism Credits: (3)
- HIST 361 - Latin American History I Credits: (3)
- HIST 362 - Latin American History II Credits: (3)
- HIST 373 - Modern Asia Credits: (3)
- HIST 375 - Middle East since Mohammed Credits: (3)
- HIST 411 - Western Imperialism, 1500 to the Present Credits: (3)
- HIST 413 - Europe in the Eighteenth Century Credits: (3)
- HIST 414 - Europe in the Nineteenth Century Credits: (3)
- HIST 416 - Europe in the Twentieth Century Credits: (3)
- HIST 425 - Modern European Military History Credits: (3)
- HIST 452 - American Diplomatic History Credits: (3)
- HIST 463 - History of the Mexican Nation Credits: (3)
- PSC 215 - European Political Systems Credits: (3)
- PSC 216 - Politics of Developing Areas Credits: (3)
- PSC 219 - Latin American Political Systems Credits: (3)
- PSC 241 - International Politics Credits: (3)
- PSC 242 - International Organization Credits: (3)
- PSC 317 - Politics of Asia Credits: (3)
- PSC 320 - International Environmental Politics Credits: (3)
- PSC 321 - International Political Economy Credits: (3)
- PSC 333 - International Law Credits: (3)
- PSC 334 - United States Foreign Policy Credits: (3)
- PSC 343 - Politics of Ethnic Conflict Credits: (3)
- SOC 255 - Population Dynamics Credits: (3)
- SOC 373 - The Global Society Credits: (3)
- SOC 434 - Regional and Societal Development Credits: (3)

Additional Information

Contact the Political Science Department for further information at 828- 227-7475.

Japanese Studies, Minor

Core Courses (12 hours)

- JPN 101 - Beginning Japanese I Credits: (3)
- JPN 102 - Beginning Japanese II Credits: (3)
- JPN 231 - Intermediate Japanese I Credits: (3)
- JPN 232 - Intermediate Japanese II Credits: (3)

Electives (9 hours)

- JPN 301 - Third Year Japanese I Credits: (3)
- JPN 302 - Third Year Japanese II Credits: (3)
- JPN 451 - Advanced Japanese Grammar Credits: (3)
- JPN 452 - Advanced Japanese Conversation Credits: (3)
- JPN 305 - Introduction to Japanese Literature in Translation Credits: (3)
- JPN 393 - Special Topics in Japanese Credits: (3, R12)
- JPN 306 - Anime, Manga and Japan Credits: (3)
- JPN 307 - Japanese Language in Cinema Credits: (3)
- JPN 493 - Special Topics in Japanese Credits: (3, R12)

Journalism, Minor

The total number of hours for this program: 21.

This minor is designed to prepare students for a career in journalism. To be admitted to the journalism minor a student must receive a B or higher in ENGL 101, 102 or the AP equivalent and COMM 240.

All other classes are required for the minor must be passed with a C or higher for the class to count toward satisfying the minor in journalism.

Minor Requirements (21 hours)

- COMM 240 - Writing for Communication Credits: (3)
- COMM 330 - News Reporting I Credits: (3)
- COMM 430 - News Reporting II Credits: (3)
- ENGL 303 - Introduction to Professional Writing and Editing Credits: (3)
- ENGL 313 - Authoring Multimedia Credits: (3, R6)
- GEOG 103 - Cultural Geography Credits: (3)
- LAW 406 - Media Law Credits: (3)

Literature, Minor

Total number of hours for the program: 18.

The Minor in Literature requires 18 semester hours of English Literature/ Film courses, exclusive of those counting toward the major.

NOTE: The Minor in Literature is not open to students pursuing the BA in English with a Literature Concentration. Additionally, BA English (Literature, Professional Writing, English Studies Pedagogy, or Motion Picture Studies) students who elect to enroll in the Professional Writing, Film Studies, Literature, or Creative Writing minor may not use an ENGL course for both the major and minor; double counting of a course between those majors and this minor is not allowed.

18 semester hours selected from the following English courses:

- ENGL 240 - Research, Literary Criticism & British Literature Credits: (3).
- ENGL 241 - Formalism & American Literature Credits: (3)
- ENGL 242 - Cultural Studies & Non-Western World Literature Credits: (3)
- ENGL 333 - Introduction to Shakespeare Credits: (3)
- ENGL 350 - The Renaissance Credits: (3)
- ENGL 351 - The Beats, Radicals, and Avant-Garde Literature Credits: (3)

- ENGL 352 - The Journey in Literature Credits: (3)
- ENGL 353 - Stories Retold Credits: (3)
- ENGL 366 - Literature of American Immigration Credits: (3)
- ENGL 367 - Appalachian Literature Credits: (3)
- ENGL 378 - Motion Picture Histories Credits: (3)
- ENGL 390 - The Bible as Literature Credits: (3)
- ENGL 394 - Film Adaptation Credits: (3, R6)
- ENGL 411 - History of the English Language Credits: (3)
- ENGL 419 - Medieval Literature Credits: (3)
- ENGL 420 - Chaucer and His Age Credits: (3)
- ENGL 421 - Fairy Tale Literature Credits: (3)
- ENGL 430 - English Literature of the Renaissance Credits: (3)
- ENGL 431 - Shakespeare and His Age Credits: (3)
- ENGL 440 - Milton and His Age Credits: (3)
- ENGL 441 - The Age of Pope, Swift, and Johnson Credits: (3)
- ENGL 450 - Major Writers Credits: (3, R6)
- ENGL 451 - Nineteenth-Century British Writers Credits: (3)
- ENGL 459 - Southern Literature Credits: (3)
- ENGL 461 - The "Long 19th Century" in American Literature Credits: (3)
- ENGL 463 - Contemporary Literature Credits: (3)
- ENGL 464 - Native American Literature Credits: (3)
- ENGL 465 - Topics in African American Literature Credits: (3)
- ENGL 469 - Directors/Screenwriters/Stars Credits: 3, R6
- ENGL 470 - Twentieth-Century and Contemporary Postcolonial Literature Credits: (3)
- ENGL 471 - Studies in Poetry Credits: (3)
- ENGL 472 - Studies in Fiction Credits: (3)
- ENGL 473 - Studies in Drama Credits: (3)
- ENGL 474 - Literary Theory Credits: (3)
- ENGL 475 - Modernism Credits: (3)
- ENGL 476 - The Short Story Credits: (3)
- ENGL 477 - Literature and Gender Credits: (3)
- ENGL 479 - Studies in Literature Credits: (3, R6)
- ENGL 480 - Studies in English Credits: (1-3, R6)
- ENGL 496 - Seminar in World Literature Credits: (3)
- ENGL 498 - Senior Seminar in English Credits: (3)

Mathematics, B.S.

Total number of hours for the program: 120.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major requires 38-50 hours as follows. Only grades of C (2.0) or higher in required mathematics core courses will satisfy requirements in the major.

The following courses are required:

Core, 24 hours:

- MATH 153 - Calculus I Credits: (4)
- MATH 250 - Introduction to Logic and Proof Credits: (3)
- MATH 255 - Calculus II Credits: (4)
- MATH 256 - Calculus III Credits: (4)
- MATH 270 - Statistical Methods I Credits: (3)
- MATH 310 - Discrete Structures Credits: (3)
- MATH 362 - Introduction to Linear Algebra Credits: (3)

Additional Required Course:

- MATH 479 - Capstone: Seminar Credits: (2)

Math Electives Categories

Algebra/Discrete:

- MATH 361 - Introduction to Abstract Algebra Credits: (3)

- MATH 461 - Abstract Algebra Credits: (3)
- or MATH 561 - Abstract Algebra Credits: (3)

- MATH 462 - Linear Algebra Credits: (3)
- or MATH 562 - Linear Algebra Credits: (3)

Analysis:

- MATH 422 - Real Analysis Credits: (3)
- or MATH 522 - Real Analysis Credits: (3)

- MATH 423 - Advanced Calculus II Credits: (3)
- or MATH 523 - Advanced Calculus II Credits: (3)

- MATH 424 - Complex Variable Theory Credits: (3)
- or MATH 524 - Complex Variable Theory Credits: (3)

Computer/Modeling:

- MATH 320 - Ordinary Differential Equations Credits: (3)

- MATH 430 - Mathematical Modeling Credits: (3)
- or MATH 530 - Mathematical Modeling Credits: (3)

- MATH 441 - Introduction to Numerical Analysis Credits: (3)
- or MATH 541 - Introduction to Numerical Analysis Credits: (3)

- MATH 450 - Linear Optimization Credits: (3)
- or MATH 550 - Linear Optimization Credits: (3)

Statistics:

- MATH 370 - Probability and Statistics I Credits: (3)
- MATH 373 - Theory of Interest for Actuarial Exam FM Credits: (3)
- MATH 375 - Statistical Methods II Credits: (3)

- MATH 470 - Probability and Statistics II Credits: (3)
- or MATH 570 - Statistical Theory II Credits: (3)

- MATH 471 - Problem Solving for Actuarial Exam P Credits: (3)
- or MATH 571 - Problem Solving for Actuarial Exam P Credits: (3)

Applied Option:**Required 12 hours:**

Two additional courses from the math electives with at least one of these courses in the Computing/Modeling category and:

- MATH 320 - Ordinary Differential Equations Credits: (3)
- MATH 340 - Introduction to Scientific Computing Credits: (3)

To complete the program:

48 hours are required, including a second major or a minor in one of the following areas of application: biology, chemistry, computer science, economics, finance, geology, physics, or a program approved by the mathematics and computer science department head.

Traditional Mathematics Option:**Required 18 hours:**

Twelve additional hours: one course from each of the three non-Algebra/Discrete math electives categories, and one additional course from any of the four math elective categories, MATH 400 History of Mathematics, or other math courses approved by the mathematics and computer science department head and:

- MATH 361 - Introduction to Abstract Algebra Credits: (3)
- MATH 340 - Introduction to Scientific Computing Credits: (3)

To complete the program:

42 hours are required, including a second major, a minor, or a program approved by the mathematics and computer science department head.

Mathematic Education Option:**Required 18 hours:**

- MATH 300 - Problem Solving Credits: (3)
- MATH 340 - Introduction to Scientific Computing Credits: (3)

- MATH 361 - Introduction to Abstract Algebra Credits: (3)
- MATH 414 - Introduction to Secondary Mathematics Teaching Methods Credits: (3)
- MATH 400 - History of Mathematics Credits: (3)
- or MATH 500 - History of Mathematics Credits: (3)
- MATH 411 - Foundations in Geometry Credits: (3)
- or MATH 511 - Foundations in Geometry Credits: (3)

Math Electives (6 hours) selected from:

- MATH 320 - Ordinary Differential Equations Credits: (3)
- MATH 370 - Probability and Statistics I Credits: (3)
- MATH 412 - Modern Geometries Credits: (3)
- MATH 422 - Real Analysis Credits: (3)
- MATH 423 - Advanced Calculus II Credits: (3)
- MATH 424 - Complex Variable Theory Credits: (3)
- MATH 441 - Introduction to Numerical Analysis Credits: (3)
- MATH 450 - Linear Optimization Credits: (3)
- MATH 461 - Abstract Algebra Credits: (3)
- MATH 462 - Linear Algebra Credits: (3)
- MATH 470 - Probability and Statistics II Credits: (3)

Additional Requirements:

To complete the program, 36 hours are required, including the professional education sequence (24 hours - see below) for secondary and special subject teaching and 12 hours of general electives. At least 32 hours taken at WCU must be at the junior-senior level to meet one of the general university degree requirements. A student enrolled in the BS in Mathematics with the Mathematics Education Option must also be enrolled in the BSED in Mathematics.

Professional Education Sequence (24 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- EDSE 490 - Supervised Student Teaching Credits: (6)
- or EDSE 485 - Internship II Credits: (6)
- EDSE 495 - Seminar Credits: (3)
- MATH 415 - Methods and Materials for Teaching Mathematics in the Secondary School Credits: (3)
- MATH 491 - Supervised Student Teaching in Mathematics, 9-12 Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)

General Electives (12 hours)

Additional Information all Options:

At least 30 hours taken at WCU must be at the junior-senior level to meet one of the general university degree requirements.

Visit the department's website at <http://www.wcu.edu/8462.asp> to view the 8 semester curriculum guide.

Mathematics, Minor

Total number of hours for the program: 20.

Minor Requirements

The minor requires 20 semester hours, including two semesters of calculus:

- MATH 152 - Engineering Calculus I Credits: (3)
or
- MATH 153 - Calculus I Credits: (4)
- MATH 252 - Engineering Calculus II Credits: (3)
or
- MATH 255 - Calculus II Credits: (4)

Additional Requirements

additional hours selected from: CS 340 or any mathematics courses numbered 250 or higher excepting MATH 301, 311, 321, and 322.

Multi-Media (Interdisciplinary), Minor

Total number of hours for the program: 18.

Minor Requirements

The minor will consist of 18 hours with nine hours of core courses and nine hours of elective courses. Students will take one course in each of the three core areas:

Visual

Choose from:

- ART 420 - Intermedia in Contemporary Culture Credits: (3)
- ENGL 313 - Authoring Multimedia Credits: (3, R6)

Audio

- MUS 383 - Music and Audio in Media Credits: (3)

Textual

Choose:

- COMM 204 - Desktop Publishing Credits: (3, R6)
or
- ENGL 304 - Writing for Electronic Environments Credits: (3)

Additional Requirements

The remaining nine hours will be selected from other core courses and these additional courses involving multimedia history and technology:

- EDCD 372
- EDEL 466
- EDEL 472
- ART 479 - Motion Graphics II Credits: (3, R6)
- ECET 301 - Electrical Systems Credits: (3)
- ECET 302 - Instrumentation and Controls Credits: (3)
- ENGL 305 - Technical Writing Credits: (3)
- ENGL 307 - Professional Editing and Publishing Credits: (3)
- MPTP 310 - Introduction to Screenwriting Credits: (3)
- MUS 181 - Introduction to MIDI/Synthesis Credits: (1)
and
- MUS 283 - Music Technology Methods Credits: (1)

Natural Resource Conservation and Management, B.S.

Total number of hours for the program: 120.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major requires 72 hours, including 54 hours in core courses and a 18-hour concentration:

- BIOL 140 - Principles of Biology I Credits: (4)
- BIOL 141 - Principles of Biology II Credits: (4)
- CHEM 139 - General Chemistry I Credits: (4)
or
- CHEM 140 - Advanced General Chemistry Credits: (4)
- GEOG 150 - Environmental Geography Credits: (3)
- GEOG 324 - Introduction to Remote Sensing Credits: (4)
- GEOL 305 - Soils and Hydrology Credits: (4)
- MATH 146 - Precalculus Credits: (4)
- NRM 210 - Methods in Natural Resources Management Credits: (4)
- NRM 330 - Introduction to Wildlife Ecology and Management Credits: (3)
- NRM 344 - Introduction to Geographic Information Systems Credits: (4)
- NRM 371 - Landscape Ecology Credits: (3)
- NRM 440 - Integrated Resources Management Credits: (4)
- NRM 442 - Natural Resources Policy and Administration Credits: (3)

Plus

- ECON 310 - Natural Resource Economics Credits: (3)
(prerequisite required) (required for the forest resources concentration)

Plus

- BIOL 304 - General Ecology Credits: (3)
or
- NRM 351 - Forest Ecology Credits: (3)
(required for the forest resources concentration)

Concentration

Concentration, 18 hours, selected from:

Forest Resources Concentration

- BIOL 254 - Dendrology Credits: (4)
- NRM 351 - Forest Ecology Credits: (3)
- NRM 352 - Forest Resource Measurements Credits: (3)
- NRM 451 - Foundations of Silviculture Credits: (4)
- NRM 452 - Forest Management Credits: (4)

3 Hours Selected From:

- NRM 460 - Watershed Management Credits: (3)
- NRM 483 - Applications in Forest Management Credits: (1-3, R6)
- NRM 472 - Geospatial Analysis Credits: (4)
- NRM 444 - Applied Geographic Information Systems Credits: (4)
- BIOL 438 - Ecological Restoration Credits: (3)

Soil and Water Resources Concentration

- NRM 320 - Soil Conservation Credits: (3)
- NRM 420 - Soil Genesis and Classification Credits: (3)
- NRM 460 - Watershed Management Credits: (3)

9 Hours Selected From:

- NRM 444 - Applied Geographic Information Systems Credits: (4)
- GEOG 300 - Weather and Climate Credits: (4)
- GEOL 302 - Geomorphology Credits: (4)
- GEOL 405 - Hydrogeology Credits: (4)
- GEOL 423 - Contaminated Rivers: Assessment, Remediation, and Restoration Credits: (3)
- GEOL 455 - Wetlands Credits: (3)

Geospatial Resource Analysis Concentration

- GEOG 424 - Advanced Remote Sensing Credits: (4)
- NRM 444 - Applied Geographic Information Systems Credits: (4)
- NRM 460 - Watershed Management Credits: (3)
- NRM 472 - Geospatial Analysis Credits: (4)

3 Hours Selected From:

- NRM 320 - Soil Conservation Credits: (3)
- NRM 420 - Soil Genesis and Classification Credits: (3)
- NRM 352 - Forest Resource Measurements Credits: (3)
- BIOL 375 - Methods in Ecology and Evolution Credits: (4)
- BIOL 441 - Conservation Biology Credits: (3)

General Electives

General electives (6-15 hours) are required to complete the program depending on the number of hours taken in the major that are also used to fulfill Liberal Studies requirements.

Additional Requirements

At least 30 hours of the courses taken at WCU must be at the junior-senior level to meet one of the general university degree requirements.

Visit the NRCM program's website at <http://nrcm.wcu.edu>.

Natural Resources Management, Minor

Total number of hours for the program: 18.

The minor requires 18 hours, including:

- GEOG 150 - Environmental Geography Credits: (3)
- NRM 210 - Methods in Natural Resources Management Credits: (4)

Select 11 hours from the following:

- GEOG 324 - Introduction to Remote Sensing Credits: (4)
- GEOG 424 - Advanced Remote Sensing Credits: (4)
- NRM 320 - Soil Conservation Credits: (3)
- NRM 330 - Introduction to Wildlife Ecology and Management Credits: (3)
- NRM 344 - Introduction to Geographic Information Systems Credits: (4)
- NRM 351 - Forest Ecology Credits: (3)
- NRM 371 - Landscape Ecology Credits: (3)
- NRM 420 - Soil Genesis and Classification Credits: (3)
- NRM 442 - Natural Resources Policy and Administration Credits: (3)
- NRM 451 - Foundations of Silviculture Credits: (4)
- NRM 452 - Forest Management Credits: (4)
- NRM 460 - Watershed Management Credits: (3)

Philosophy (Concentration in Philosophy), B.A.

Total number of hours for the program: 120.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

Concentration in Philosophy

36 hours as follows:

Modern Foreign Languages 231-232 or 240: (6 hours)

Philosophical Foundations (9 hours)

- PAR 101 - Western Philosophical Traditions Credits: (3)
or
- PAR 102 - Western Moral Traditions Credits: (3)
- PAR 230 - Legal, Scientific, & Critical Reasoning Credits: (3)
(required course in Philosophical Foundation sequence)
- PAR 295 - Self, Society, & the Good Life Credits: (3)
(required course in Philosophical Foundations sequence.)

History of Philosophy (9 hours)

- PAR 304 - Justice, Power and Human Nature in the Ancient Greek Polis Credits: (3)
(required course in History of Philosophy sequence)
- PAR 306 - Science, Reason, and Autonomy in the Enlightenment Credits: (3)
(required course in History of Philosophy sequence)
- PAR 307 - From Existentialism to Feminism Credits: (3)
- PAR 308 - From Pragmatism to Postmodernism Credits: (3)
- PAR 365 - Medieval and Reformation Theology: Divine Foreknowledge, Free Will, and Justification by Faith Credits: (3)
- PAR 404 - Ancient Cynics, Stoics, and Skeptics Credits: (3)

Philosophy and Culture (6 hours)

- PAR 201 - Philosophy of Sex and Love Credits: (3)
- PAR 309 - Philosophy In and Of Film Credits: (3)
- PAR 310 - Philosophy of Art Credits: (3)
- PAR 311 - Philosophy of Science Credits: (3)
- PAR 312 - Philosophy of Religion Credits: (3)
- PAR 313 - Philosophy of Law Credits: (3)
- PAR 315 - Philosophy of Mind Credits: (3)
- PAR 320 - Philosophical and Religious Classics Credits: (3)
- PAR 330 - America's Wilderness Ethics and Aesthetics Credits: (3)
- PAR 332 - Biomedical Ethics and Social Justice Credits: (3)
- PAR 333 - Environmental Ethics Credits: (3)
- PAR 334 - Biotechnology and Society Credits: (3)
- PAR 354 - Religion, Suffering, and the Moral Imagination Credits: (3)
- PAR 380 - Independent Study Credits: (1-3, R6)
- PAR 392 - Global Justice, Liberty, and Human Rights Credits: (3)
- PAR 393 - Topics in Philosophy and Religion Credits: (1-3, R6)

Seminar and Special Topics (6 hours)

- PAR 392 - Global Justice, Liberty, and Human Rights Credits: (3)
or
- PAR 393 - Topics in Philosophy and Religion Credits: (1-3, R6)
- PAR 495 - Seminar in Philosophy and Religion Credits: (3, R9)

Additional Requirements

To complete the Bachelor of Arts program in the Arts & Sciences College, a total of 42 hours is required, which includes a second major, minor, or approved program, and a minimum of 12 general (free) electives. At least 30 hours of the courses taken at WCU must be at the junior-senior level to meet one of the University's degree requirements. Only grades of C (2.0) or higher satisfy requirements for the major.

Visit the department's website at <http://www.wcu.edu/as/philo/> to view the 8 semester curriculum guide.

NOTE: Students who pursue a concentration in Philosophy can also choose a minor in Religion and students who pursue a concentration in Religion can also choose a minor in Philosophy. These students cannot, however, use a single course to count towards both the concentration and the minor. Taking a course (like PAR 392 and PAR 393) once cannot be used to satisfy both the Philosophy and Culture and Seminar sections.

Philosophy (Concentration in Religion), B.A.

Total number of hours for the program: 120.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major in Philosophy with a concentration in Religion requires:

Concentration in Religion

Modern Foreign Languages 231-232 or 240: 6 hours

and

30 hours as follows:

Foundations of the Study of Religion (12 hours)

- PAR 145 - Eastern Religious Traditions Credits: (3)
- PAR 146 - Western Religious Traditions Credits: (3)
- PAR 242 - What is Religion? Credits: (3)
- PAR 312 - Philosophy of Religion Credits: (3)
- PAR 295 - Self, Society, & the Good Life Credits: (3)
(required course in Foundation of the Study in Religion sequence)

Religion and Cultures (6 hours)

- ANTH 365 - Religion, Magic, Myth Credits: (3)
- ENGL 290 - Literature and the Sacred Credits: (3)
- ENGL 350 - The Renaissance Credits: (3)
- ENGL 390 - The Bible as Literature Credits: (3)
- ENGL 420 - Chaucer and His Age Credits: (3)
- ENGL 440 - Milton and His Age Credits: (3)
- HIST 375 - Middle East since Mohammed Credits: (3)
- HIST 455 - American Religious History Credits: (3)
- PAR 250 - Origins of Early Christian Traditions Credits: (3)
- PAR 251 - Understanding Islamic Traditions Credits: (3)
- PAR 260 - Women and Religion Credits: (3)
- PAR 367 - Native American Religions Credits: (3)

Religion and Critical Thought (6 hours)

- PAR 307 - From Existentialism to Feminism Credits: (3)
- PAR 308 - From Pragmatism to Postmodernism Credits: (3)
- PAR 312 - Philosophy of Religion Credits: (3)
- PAR 320 - Philosophical and Religious Classics Credits: (3)
- PAR 323 - Mysticism and the Modern Mind Credits: (3)
- PAR 330 - America's Wilderness Ethics and Aesthetics Credits: (3)
- PAR 353 - Religion in Film Credits: (3)
- PAR 354 - Religion, Suffering, and the Moral Imagination Credits: (3)
- PAR 355 - Contemporary Religious Classics Credits: (3)
- PAR 365 - Medieval and Reformation Theology: Divine Foreknowledge, Free Will, and Justification by Faith Credits: (3)
- PAR 366 - Religion and Science: God's Law and the Laws of Nature Credits: (3)
- PAR 380 - Independent Study Credits: (1-3, R6)
- PAR 392 - Global Justice, Liberty, and Human Rights Credits: (3)
- PAR 393 - Topics in Philosophy and Religion Credits: (1-3, R6)

Senior Seminar (6 hours)

- PAR 392 - Global Justice, Liberty, and Human Rights Credits: (3)
- or*
- PAR 393 - Topics in Philosophy and Religion Credits: (1-3, R6)
- PAR 495 - Seminar in Philosophy and Religion Credits: (3, R9)

Additional Requirements

To complete the Bachelor of Arts program in the Arts and Sciences College, a total of 42 hours is required, which includes a second major, minor, or approved program, and 12-14 general (free) electives depending on the number of hours taken in the major that also fulfill the Liberal Studies requirements.. At least 30 hours of courses at WCU must be taken at the junior-senior level to meet one of the University's degree requirements. Only grades of C (2.0) or higher satisfy requirements for the major.

Note: Students who pursue a concentration in Philosophy can also choose a minor in Religion and students who pursue a concentration in Religion can also choose a minor in Philosophy. These students cannot, however, use a single course to count towards both the concentration and the minor. Taking a course (like PAR 392 or PAR 393) once cannot be used to satisfy more than one section.

Additional Information

Visit the department's website at <http://www.wcu.edu/as/philo/> to view the 8 semester curriculum guide.

Philosophy, Minor

Total number of hours for the program: 18.

Minor Requirements (6 hours)

- PAR 230 - Legal, Scientific, & Critical Reasoning Credits: (3)
And either:
- PAR 101 - Western Philosophical Traditions Credits: (3)
or
- PAR 102 - Western Moral Traditions Credits: (3)

Electives (12 hours)

12 hours of electives selected from junior-senior courses in the BA Philosophy (Philosophy concentration).

- PAR 304 - Justice, Power and Human Nature in the Ancient Greek Polis Credits: (3)
- PAR 306 - Science, Reason, and Autonomy in the Enlightenment Credits: (3)
- PAR 307 - From Existentialism to Feminism Credits: (3)
- PAR 308 - From Pragmatism to Postmodernism Credits: (3)
- PAR 311 - Philosophy of Science Credits: (3)
- PAR 312 - Philosophy of Religion Credits: (3)
- PAR 313 - Philosophy of Law Credits: (3)
- PAR 315 - Philosophy of Mind Credits: (3)
- PAR 320 - Philosophical and Religious Classics Credits: (3)
- PAR 330 - America's Wilderness Ethics and Aesthetics Credits: (3)
- PAR 332 - Biomedical Ethics and Social Justice Credits: (3)
- PAR 333 - Environmental Ethics Credits: (3)
- PAR 334 - Biotechnology and Society Credits: (3)
- PAR 354 - Religion, Suffering, and the Moral Imagination Credits: (3)
- PAR 380 - Independent Study Credits: (1-3, R6)
- PAR 392 - Global Justice, Liberty, and Human Rights Credits: (3)
- PAR 393 - Topics in Philosophy and Religion Credits: (1-3, R6)

Physics, Minor

Total number of hours for the program: 20.

Minor Requirements

The minor requires 20 hours, including:

- PHYS 130 - Introductory Physics I Credits: (4)
and
- PHYS 131 - Introductory Physics II Credits: (4)
or
- PHYS 230 - General Physics I Credits: (4)

and

- PHYS 231 - General Physics II Credits: (3-4)

Electives

12 hours of junior-senior electives.

Political Science, B.A.

Total number of hours for the program: 120.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major requires 36 hours (18 hours at the 300/400 level) as follows:

Core Courses: 15 hours

(must earn "C" or better in each core course)

- PSC 110 - Global Issues Credits: (3)
- PSC 150 - American Government and Politics Credits: (3)
- PSC 250 - Introduction to Political Science Credits: (1)
- PSC 346 - Political Theory Credits: (3)
- PSC 348 - Political Analysis I Credits: (3)
- PSC 349 - Civic Learning Credits: (1)
- PSC 450 - Portfolio Credits: (1)

American Politics (3 hours)

- PSC 270 - Popular Culture in American Politics Credits: (3, R6)
- PSC 302 - Problems and Policies of American Government Credits: (3)
- PSC 303 - State and Local Government Credits: (3)
- PSC 304 - Public Administration Credits: (3)
- PSC 305 - Congress Credits: (3)
- PSC 306 - American Presidency Credits: (3)
- PSC 310 - Constitutional Law: Structure and Powers Credits: (3)
- PSC 336 - Mass Media and American Politics Credits: (3)
- PSC 347 - American Social and Political Eras Credits: (3)
- PSC 351 - Gender in Politics Credits: (3)
- PSC 360 - Judicial Process Credits: (3)
- PSC 407 - American Political Parties Credits: (3)
- PSC 408 - Southern Politics Credits: (3)
- PSC 421 - Political and Organizational Leadership Credits: (3)
- PSC 494 - Seminar: American Political Systems Credits: (3, R6)

Comparative Politics/International Relations (3 hours)

- PSC 215 - European Political Systems Credits: (3)
- PSC 216 - Politics of Developing Areas Credits: (3)
- PSC 219 - Latin American Political Systems Credits: (3)
- PSC 241 - International Politics Credits: (3)
- PSC 242 - International Organization Credits: (3)
- PSC 311 - Politics of the Middle East Credits: (3)
- PSC 317 - Politics of Asia Credits: (3)
- PSC 320 - International Environmental Politics Credits: (3)
- PSC 321 - International Political Economy Credits: (3)
- PSC 330 - Political Violence Credits: (3)
- PSC 333 - International Law Credits: (3)
- PSC 334 - United States Foreign Policy Credits: (3)
- PSC 343 - Politics of Ethnic Conflict Credits: (3)
- PSC 493 - Topics in Contemporary Political Systems Credits: (3, R6)

Electives (6 hours)

Engaged Experience (3 hours)

- PSC 355 - Model United Nations Credits: (3, R6)
- PSC 483 - Internship in Political Science Credits: (3)

Foreign Language Requirement (6 hours)

- MFL 231 and 232, or 240 Credits: (6)

Additional Requirements

Students must maintain a minimum 2.0 GPA in the major, and no grade below a C (2.0) for any core course in the major will be accepted. A total of 18 hours must be at the 300/400 level and no more than 6 hours can be applied to cooperative education or internship.

In addition to the requirements for the major and Liberal Studies, 42 additional hours is required, including a minor, second major, or other approved program. At least 30 hours taken at WCU must be at the junior-senior level to meet one of the general university requirements.

Visit the department's website at <http://www.wcu.edu/4834.asp> to view the 8 semester curriculum guide.

Political Science, B.S.

Total number of hours for the program: 120.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major requires 36 hours (18 hours at the 300/400 level) as follows:

Core Courses: 15 hours

(must earn "C" or better in each core course)

- PSC 110 - Global Issues Credits: (3)
- PSC 150 - American Government and Politics Credits: (3)
- PSC 250 - Introduction to Political Science Credits: (1)
- PSC 346 - Political Theory Credits: (3)
- PSC 348 - Political Analysis I Credits: (3)
- PSC 349 - Civic Learning Credits: (1)
- PSC 450 - Portfolio Credits: (1)

American Politics (3 hours)

- PSC 270 - Popular Culture in American Politics Credits: (3, R6)
- PSC 302 - Problems and Policies of American Government Credits: (3)
- PSC 303 - State and Local Government Credits: (3)
- PSC 304 - Public Administration Credits: (3)
- PSC 305 - Congress Credits: (3)
- PSC 306 - American Presidency Credits: (3)
- PSC 310 - Constitutional Law: Structure and Powers Credits: (3)
- PSC 336 - Mass Media and American Politics Credits: (3)
- PSC 347 - American Social and Political Eras Credits: (3)
- PSC 351 - Gender in Politics Credits: (3)
- PSC 360 - Judicial Process Credits: (3)
- PSC 407 - American Political Parties Credits: (3)
- PSC 408 - Southern Politics Credits: (3)
- PSC 421 - Political and Organizational Leadership Credits: (3)
- PSC 494 - Seminar: American Political Systems Credits: (3, R6)

Comparative Politics/International Relations (3 hours)

- PSC 215 - European Political Systems Credits: (3)
- PSC 216 - Politics of Developing Areas Credits: (3)
- PSC 219 - Latin American Political Systems Credits: (3)
- PSC 241 - International Politics Credits: (3)
- PSC 242 - International Organization Credits: (3)
- PSC 311 - Politics of the Middle East Credits: (3)
- PSC 317 - Politics of Asia Credits: (3)
- PSC 320 - International Environmental Politics Credits: (3)
- PSC 321 - International Political Economy Credits: (3)
- PSC 330 - Political Violence Credits: (3)
- PSC 333 - International Law Credits: (3)
- PSC 334 - United States Foreign Policy Credits: (3)
- PSC 343 - Politics of Ethnic Conflict Credits: (3)
- PSC 493 - Topics in Contemporary Political Systems Credits: (3, R6)

Research Requirement (3 hours)

- PSC 448 - Political Analysis II Credits: (3)

Electives (9 hours)

Engaged Experience (3 hours)

- PSC 355 - Model United Nations Credits: (3, R6)
- PSC 483 - Internship in Political Science Credits: (3)

Additional Requirements

Students must maintain a minimum 2.0 GPA in the major, and no grade below a C (2.0) for any core course in the major will be accepted. A total of 18 hours must be at the 300/400 level and no more than 6 hours can be applied to cooperative education or internship.

In addition to the requirements for the major and Liberal Studies, 42 additional hours are required, including a minor, second major, or other approved program. At least 30 hours taken at WCU must be at the junior-senior level to meet one of the general university requirements.

Visit the department's website at <http://www.wcu.edu/4834.asp> to view the 8 semester curriculum guide.

Political Science, Minor

Total number of hours for the program: 18.

Minor Requirements

The minor requires 18 hours in political science, including:

- PSC 110 - Global Issues Credits: (3)
- PSC 150 - American Government and Politics Credits: (3)
and 12 hours of electives at the 200 level and above

Professional Writing, Minor

Total number of hours for the program: 18

The Minor in Professional Writing requires 18 semester hours as follows, exclusive of those counting toward the major.

NOTE: The Minor in Professional Writing is not open to students pursuing the BA in English with a Professional Writing Concentration. Additionally, BA English (Literature, Professional Writing, English Studies Pedagogy, or Motion Picture Studies) students who elect to enroll in the Professional Writing, Film Studies, Literature, or Creative Writing minor may not use an ENGL course for both the major and the minor; double counting of a course between those majors and this minor is not allowed.

Not open to those pursuing the B.A. in English with a concentration in professional writing.

12 semester hours selected from the following Writing courses:

- ENGL 302 - Introduction to Creative Writing and Editing Credits: 3

- ENGL 303 - Introduction to Professional Writing and Editing Credits: (3)
- ENGL 304 - Writing for Electronic Environments Credits: (3)
- ENGL 305 - Technical Writing Credits: (3)
- ENGL 306 - Nonfiction Writing Credits: (3)
- ENGL 307 - Professional Editing and Publishing Credits: (3)
- ENGL 308 - Fiction Writing Credits: (3, R6)
- ENGL 309 - Poetry Writing Credits: (3, R6)
- ENGL 312 - Grammar for Teachers Credits: (3)
- ENGL 313 - Authoring Multimedia Credits: (3, R6)
- ENGL 389 - Cooperative Education: Professional Writing Credits: (1 or 3, R15)
- ENGL 401 - Writing for Careers Credits: (3)
- ENGL 405 - Advanced Creative Writing Credits: (3)
- ENGL 483 - Writing Internship Credits: (3)
- ENGL 493 - Topics in Creative Writing Credits: (1-3, R6)
- ENGL 497 - Senior Seminar in Writing Credits: (3)

Additional Requirements

6 hours from any English course, exclusive of ENGL 300 and those approved for 100-200 level liberal studies credit.

6 semester hours selected from any English course:

Exclusive of ENGL 300 and those approved for 100-200 level Liberal Studies credit.

- ENGL 333 - Introduction to Shakespeare Credits: (3)
- ENGL 350 - The Renaissance Credits: (3)
- ENGL 351 - The Beats, Radicals, and Avant-Garde Literature Credits: (3)
- ENGL 352 - The Journey in Literature Credits: (3)
- ENGL 353 - Stories Retold Credits: (3)
- ENGL 366 - Literature of American Immigration Credits: (3)
- ENGL 367 - Appalachian Literature Credits: (3)
- ENGL 368 - Film Genres Credits: (3, R6)
- ENGL 378 - Motion Picture Histories Credits: (3)
- ENGL 389 - Cooperative Education: Professional Writing Credits: (1 or 3, R15)
- ENGL 390 - The Bible as Literature Credits: (3)
- ENGL 394 - Film Adaptation Credits: (3, R6)
- ENGL 411 - History of the English Language Credits: (3)
- ENGL 412 - Grammar for Writers Credits: (3)
- ENGL 414 - Fundamentals of Teaching Composition Credits: (3)
- ENGL 415 - Linguistics Credits: (3)
- ENGL 416 - Teaching English as a Second Language Credits: (3)
- ENGL 417 - Methods for Teaching English Credits: (3)
- ENGL 419 - Medieval Literature Credits: (3)
- ENGL 420 - Chaucer and His Age Credits: (3)
- ENGL 421 - Fairy Tale Literature Credits: (3)
- ENGL 430 - English Literature of the Renaissance Credits: (3)
- ENGL 431 - Shakespeare and His Age Credits: (3)
- ENGL 440 - Milton and His Age Credits: (3)
- ENGL 441 - The Age of Pope, Swift, and Johnson Credits: (3)

- ENGL 450 - Major Writers Credits: (3, R6)
- ENGL 451 - Nineteenth-Century British Writers Credits: (3)
- ENGL 459 - Southern Literature Credits: (3)
- ENGL 461 - The "Long 19th Century" in American Literature Credits: (3)
- ENGL 463 - Contemporary Literature Credits: (3)
- ENGL 464 - Native American Literature Credits: (3)
- ENGL 465 - Topics in African American Literature Credits: (3)
- ENGL 469 - Directors/Screenwriters/Stars Credits: 3, R6
- ENGL 470 - Twentieth-Century and Contemporary Postcolonial Literature Credits: (3)
- ENGL 471 - Studies in Poetry Credits: (3)
- ENGL 472 - Studies in Fiction Credits: (3)
- ENGL 473 - Studies in Drama Credits: (3)
- ENGL 474 - Literary Theory Credits: (3)
- ENGL 475 - Modernism Credits: (3)
- ENGL 476 - The Short Story Credits: (3)
- ENGL 477 - Literature and Gender Credits: (3)
- ENGL 478 - Film Theory Credits: (3)
- ENGL 479 - Studies in Literature Credits: (3, R6)
- ENGL 480 - Studies in English Credits: (1-3, R6)
- ENGL 494 - Special Topics in Advanced American English for Non-Native Speakers Credits: (1, R6)
- ENGL 498 - Senior Seminar in English Credits: (3)

Religion, Minor

Total number of programs for the major: 18.

Minor Requirements

The minor requires 18 hours, including:

- PAR 145 - Eastern Religious Traditions Credits: (3)
- PAR 146 - Western Religious Traditions Credits: (3)
and either
- PAR 242 - What is Religion? Credits: (3)
or
- PAR 312 - Philosophy of Religion Credits: (3)

Electives

9 hours of electives selected from junior-senior courses in the BA Philosophy (Religion concentration).

- ANTH 365 - Religion, Magic, Myth Credits: (3)
- ENGL 350 - The Renaissance Credits: (3)
- ENGL 390 - The Bible as Literature Credits: (3)
- ENGL 420 - Chaucer and His Age Credits: (3)
- ENGL 440 - Milton and His Age Credits: (3)
- HIST 375 - Middle East since Mohammed Credits: (3)
- HIST 455 - American Religious History Credits: (3)
- PAR 307 - From Existentialism to Feminism Credits: (3)
- PAR 308 - From Pragmatism to Postmodernism Credits: (3)
- PAR 312 - Philosophy of Religion Credits: (3)

- PAR 320 - Philosophical and Religious Classics Credits: (3)
- PAR 323 - Mysticism and the Modern Mind Credits: (3)
- PAR 330 - America's Wilderness Ethics and Aesthetics Credits: (3)
- PAR 353 - Religion in Film Credits: (3)
- PAR 354 - Religion, Suffering, and the Moral Imagination Credits: (3)
- PAR 355 - Contemporary Religious Classics Credits: (3)
- PAR 365 - Medieval and Reformation Theology: Divine Foreknowledge, Free Will, and Justification by Faith Credits: (3)
- PAR 366 - Religion and Science: God's Law and the Laws of Nature Credits: (3)
- PAR 367 - Native American Religions Credits: (3)
- PAR 380 - Independent Study Credits: (1-3, R6)
- PAR 392 - Global Justice, Liberty, and Human Rights Credits: (3)
- PAR 393 - Topics in Philosophy and Religion Credits: (1-3, R6)

Sociology, B.A.

Total number of hours for program: 120.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major requires 39 hours. The following courses are required:

- MFL 231,232, or 240 Credits: (6)
- SOC 103 - Human Society Credits: (3)
- SOC 385 - Methods of Social Research Credits: (3)
- SOC 386 - Analysis of Social Data Credits: (3)
- SOC 391 - Sociological Theory Credits: (3)

Electives

Electives (21 hours) to complete a sociology major selected from sophomore, junior, or senior level sociology courses.

Additional Requirements

To complete the degree, 39 hours are required, including a minor, second major, or other approved program. Students must take at least 30 hours at the junior-senior level at WCU to satisfy general university degree requirements.

Visit the department's website at <http://www.wcu.edu/3404.asp> to view the 8 semester curriculum guide.

Sociology, B.S.

Total number of hours for the program: 120.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

All the requirements are the same as described for the bachelor of arts degree, except that a foreign language is not required and general electives are increased by 6 hours.

Visit the department's website at <http://www.wcu.edu/3390.asp> to view the 8 semester curriculum guide.

Sociology, Minor

Total number of hours for the program: 21.

Minor Requirements

The minor requires 21 hours, including:

- SOC 103 - Human Society Credits: (3)

Additional Requirements

18 hours of sophomore, junior, or senior level sociology courses.

Spanish, B.A.

Total number of hours for program: 120.

It is strongly recommended that students who choose to major in a foreign language meet part of this requirement by taking a course in a different language.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major requires 33 hours as follows:

I. Intermediate Hours:6

- SPAN 231 - Intermediate Spanish I Credits: (3)
- SPAN 232 - Intermediate Spanish II Credits: (3)
- or*
- SPAN 240 - Accelerated Second-Year Spanish Credits: (6)

II. Language/Culture Hours:6

- SPAN 301 - Spanish Conversation & Composition Credits: (3)
- SPAN 302 - Topics of the Hispanic World II Credits: (3)

III. Civilization and Culture Hours:6

- SPAN 321 - Hispanic Culture Credits: (3)

- SPAN 322 - Spanish-American Civilization Credits: (3)

IV. Literature Hours:6

Two courses selected from:

- SPAN 310 - Introduction to Spanish Prose and Poetry Credits: (3)
- SPAN 330 - Masterpieces of Spanish Peninsular Literature Credits: (3)
- SPAN 333 - South American Literature in Spanish Credits: (3)
- SPAN 431 - Studies in Spanish Peninsular Literature Credits: (3, R6)
- SPAN 432 - Studies in Spanish-American Literature Credits: (3, R6)

V. Electives Hours:9

Choose nine hours from the Literature courses listed above or:

- SPAN 493 - Special Topics in Spanish Credits: (3, R9)
- SPAN 401 - Contrastive Features of Spanish and English Credits: (3)
- SPAN 451 - Advanced Spanish Grammar Credits: (3)
- SPAN 452 - Advanced Spanish Conversation Credits: (3)

Additional Requirements

To complete the program, a total of 45 hours is required, including a minor, second major, or other approved program and general electives coursework. At least 30 hours of the courses taken at WCU must be at the junior-senior level to meet one of the general university degree requirements. Students must maintain a minimum of 2.75 GPA in the major, and no grade below a C (2.0) for any required course in the major will be accepted.

Visit the department's website at <http://www.wcu.edu/as/MFL/> to view the 8 semester curriculum guide.

Spanish, Minor

Total Number of hours for the program: 21.

Major Requirements (6 hours)

- SPAN 231 - Intermediate Spanish I Credits: (3)
- SPAN 232 - Intermediate Spanish II Credits: (3)
- or*
- SPAN 240 - Accelerated Second-Year Spanish Credits: (6)

Guided Electives from German Courses:

15 hours (five courses) at the 300-400 level.

Women's Studies (Interdisciplinary), Minor

Total number of hours for the major: 18.

Minor Requirements

The minor requires 18 hours, including:

- ASI 230 - Introduction to Women's Studies Credits: (3)
- ENGL 477 - Literature and Gender Credits: (3)
- HIST 451 - American Women's History Credits: (3)
- SOC 326 - Gender Roles and Society Credits: (3)

Electives

Electives from:

- ANTH 419 - Comparative Family Credits: (3)
- COMM 414 - Gender Communication Credits: (3)
- LAW 306 - Women and the Law Credits: (3)
- NSG 360 - Health Care of Women Credits: (2)
- PSC 351 - Gender in Politics Credits: (3)
- PSY 333 - Psychology of Sex Differences Credits: (3)

Appropriate Topics

Appropriate topics from:

- ANTH 481 - Independent Study in Anthropology Credits: (1-2, R6)
- PSY 480 - Research in Psychology Credits: (1-6, R6)
- SOC 480 - Independent Study in Sociology Credits: (1-3, R6)

College of Business

Office Info: 104 Forsyth Building/Main Campus (828) 227-7412

Website

Darrell Parker, Dean Debra Burke, Associate Dean Kenneth Flynt, Associate Dean

Vision. The College of Business is a leading educator of high-performance, innovative, leadership talent that meets tomorrow's business and the region's evolving development needs.

Mission. The College of Business will be a leader among schools of business in graduating students that meet the needs of industries, markets and institutions from the local to the global level. Graduates will achieve their high-performance and innovative leadership potential through a program of active learning involving academic studies enhanced by practical experience gained from engagement opportunities with businesses and economic and community development agencies.

Programs of study include: Bachelor of Science in Business Administration (with majors in Accounting, Business Administration and Law, Computer Information Systems, Entrepreneurship, Finance, Management and Marketing), Bachelor of Science in Entrepreneurship, Bachelor of Science in Sport Management, Bachelor of Science in Hospitality and Tourism, Master of Accountancy, Master of Business Administration, Master of Entrepreneurship, and Master of Project Management. The Master of Business Administration is offered in Cherokee and Asheville; the Master of Accountancy is offered in Asheville; the Master of Entrepreneurship and the Master of Project Management are Web-based, available internationally.

Admission to B.S.B.A. programs. Acceptance and registration in business administration courses or the declaration of intent to complete a business major do not guarantee admission to the Bachelor of Science in Business Administration programs. A student is not officially in the college until admitted as a candidate for the degree in a major program. A student may be admitted to degree programs other than accounting after completing a minimum of 30 hours at Western Carolina University with a 2.0 GPA on hours attempted. Applicants transferring directly from another accredited institution must have a 2.0 GPA on all work attempted at the previous institution. Transfer students who complete courses at the university before applying for admission to the College of Business must have a 2.0 GPA on hours attempted. If less than 30 hours have been attempted at Western, a 2.0 GPA on hours attempted both at Western and at the other institutions is required. Admission requirements for the accounting and sport management programs are different and can be found in the respective program descriptions. Consistent with the policy on transfer of course work, at least 30 semester hours of courses must be taken in the College of Business at Western Carolina University toward the BSBA or BS degrees.

Application for graduation may be filed upon completion of 90 hours and must be filed no later than one month before the final semester of enrollment.

The Bachelor of Science in Business Administration degree. This degree program requires the following:

- Liberal Studies (42 hours)
- Business core courses (36 hours)
- Major program of study in business and elective courses (42 hours)
- Minimum requirements for BSBA Degree (120 hours)

A minimum GPA of 2.0 is required in the major for graduation. The Sport Management program requires a minimum GPA of 2.5 in the major. The major comprises the Business core course and hours in the major program of study. Appropriate prerequisites must be completed and at least 45 hours are required for enrollment in all courses numbered 300 or above in the College of Business.

Students with majors outside the College of Business are prohibited from taking in excess of 25 percent of the hours required for their degree from College of Business courses.

Second Major in Business Administration. *The requirements for a second major in business administration, available only to students outside the College of Business, consists of all the courses (MATH 170 or QA 235, ACCT 251, 252, ECON 231, 232, CIS 251, LAW 230, MKT 201, FIN 305, QA 305, MGT 300, MGT 404), plus MGT 366, MGT 367 and a 3-hour 300-400 level business elective. Substitutions may be made only with the approval of the dean of the College of Business or his or her designee.*

Accountancy, Minor

Total number of hours for the program: 18.

Requirements

The minor requires 24 hours, including:

- ACCT 251 - Financial Accounting - A User Perspective Credits: (3)
- ACCT 252 - Using Accounting Information for Management Decisions Credits: (3)
- ACCT 275 - Intermediate Accounting I Credits: (3)
- ACCT 355 - Introduction to Income Taxation Credits: (3)
- ACCT 356 - Cost Accounting Credits: (3)
- ECON 231 - Introductory Microeconomics and Social Issues Credits: (3)
or
- ECON 300 - Macroeconomics and Business Forecasting Credits: (3)

Accounting, B.S.B.A.

Total number of hours for program: 120.

A student may be admitted to the B.S.B.A. degree program with a major in accounting after completing a minimum of 30 hours at Western Carolina University with a 2.2 GPA on hours attempted. Applicants transferring directly from another accredited institution must have a 2.2 GPA on all work attempted at the previous institution. Transfer students who complete courses at the university before applying for admission to the accounting program must have a 2.2 GPA on hours attempted. If less than 30 hours have been attempted at Western, a 2.2 GPA on hours attempted both at Western and at other institutions is required. A student must complete ACCT 275 with a grade of C- or better before taking ACCT 365.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Business Core: 36 hours

Business Core Requirements (36 hours)

Major Requirements

The following 21 hours in the major:

- ACCT 275 - Intermediate Accounting I Credits: (3)
- ACCT 352 - Intermediate Accounting II Credits: (3)
- ACCT 355 - Introduction to Income Taxation Credits: (3)
- ACCT 356 - Cost Accounting Credits: (3)

- ACCT 365 - Accounting Information Systems Credits: (3)
- ACCT 454 - Auditing Credits: (3)
- ACCT 495 - Senior Seminar Credits: (3)

Electives

General Electives Credits: 21-27 hours depending on Liberal Studies courses completed.

Curriculum Guide

Visit the department's website at <http://afie.wcu.edu/> to view the 8 semester curriculum guide.

Business Administration and Law, B.S.B.A.

Total number of hours for program: 120.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Business Core: 36 hours

Business Core Requirements (36 hours)

Major Requirements

The following 21 hours in the major:

Required courses:

- LAW 275 - Business Associations Credits: (3)
- LAW 331 - Contracts and Sales Credits: (3)
- LAW 475 - Legal Aspects of Business Administration and Professionalism Credits: (3)

And either

- LAW 320 - International Business Law Credits: (3)
or
- LAW 412 - Business Ethics and Corporate Responsibility Credits: (3)

Select three from the following

- LAW 285 - Mediation Credits: (3)
- LAW 302 - Legal Aspects of Managing Technology Credits: (3)
- LAW 303 - Marketing Law Credits: (3)
- LAW 393 - Topics in Business Law Credits: (1-3, R6)
- LAW 320 - International Business Law Credits: (3)
- LAW 402 - Hospitality Law Credits: (3)

- LAW 403 - Property and Estates Credits: (3)
- LAW 406 - Media Law Credits: (3)
- LAW 410 - Dispute Resolution Strategies Credits: (3)
- LAW 412 - Business Ethics and Corporate Responsibility Credits: (3)
- LAW 420 - Risk Management and Liability in Sport Credits: (3)
- LAW 440 - Labor and Employment Law Credits: (3)
- LAW 480 - Independent Research in Business Law Credits: (3)
- LAW 483 - Internship in Business Law Credits: (3)
- LAW 496 - Estate and Trust Planning Credits: (3)

Electives

General electives: 21-27 hours depending on Liberal Studies courses completed.

Visit the department's website at <http://www.wcu.edu/cob/programs/bal.htm> to view the 8 semester curriculum guide.

Business Administration, Minor

Total number of hours for the program: 18.

(Non-Business Majors)

Minor requirements:

The requirements for an 18-semester hour minor in business administration are:

- ACCT 161 - Accounting for the Non-Business Major Credits: (3)
or
- ACCT 251 - Financial Accounting - A User Perspective Credits: (3)
- ECON 231 - Introductory Microeconomics and Social Issues Credits: (3)
or
- ECON 232 - Introductory Macroeconomics and Social Issues Credits: (3)
- FIN 305 - Financial Management Credits: (3)
- MGT 300 - Introduction to Management Credits: (3)
- MKT 201 - Marketing Planning and Strategy Credits: (3)
and one other course in the College of Business

Business Core Requirements (36 hours)

(Required for all B.S.B.A. Majors)

Required

- ACCT 251 - Financial Accounting - A User Perspective Credits: (3)
- ACCT 252 - Using Accounting Information for Management Decisions Credits: (3)
- CIS 251 - Managing Enterprise Information Systems Credits: (3)
- ECON 231 - Introductory Microeconomics and Social Issues Credits: (3)
- ECON 232 - Introductory Macroeconomics and Social Issues Credits: (3)
- FIN 305 - Financial Management Credits: (3)
- LAW 230 - Legal and Ethical Environment of Business Credits: (3)

- MGT 300 - Introduction to Management Credits: (3)
- MGT 404 - Strategic Management Credits: (3)
- MKT 201 - Marketing Planning and Strategy Credits: (3)
- QA 305 - Introduction to Management Science Credits: (3)
and
- MATH 170 - Applied Statistics Credits: (3)
or
- QA 235 - Business Statistics Credits: (3)
MATH 170 and ECON 231 also satisfy Liberal Studies requirements, which may allow students an additional 6 hours of general electives.

Business Law, Minor

Total number of hours for the program: 18.

Minor Requirements

The minor requires 18 hours.

- LAW 105 - Introduction to Law Credits: (3)
or
- LAW 230 - Legal and Ethical Environment of Business Credits: (3)

And 15 hours from the following:

- LAW 201 - Individual Rights Credits: (3)
- LAW 275 - Business Associations Credits: (3)
- LAW 285 - Mediation Credits: (3)
- LAW 302 - Legal Aspects of Managing Technology Credits: (3)
- LAW 303 - Marketing Law Credits: (3)
- LAW 306 - Women and the Law Credits: (3)
- LAW 320 - International Business Law Credits: (3)
- LAW 331 - Contracts and Sales Credits: (3)
- LAW 402 - Hospitality Law Credits: (3)
- LAW 403 - Property and Estates Credits: (3)
- LAW 406 - Media Law Credits: (3)
- LAW 410 - Dispute Resolution Strategies Credits: (3)
- LAW 412 - Business Ethics and Corporate Responsibility Credits: (3)
- LAW 420 - Risk Management and Liability in Sport Credits: (3)
- LAW 440 - Labor and Employment Law Credits: (3)

Computer Information Systems, B.S.B.A.

Total number of hours for program: 120.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Business Core: 36 hours

Business Core Requirements (36 hours)

Major Requirements

The following 30 hours in the major:

- CIS 235 - Foundations of Information Technology Credits: (3)
- CIS 240 - Business Applications Development I Credits: (3)
- CIS 253 - Microcomputer Applications Credits: (3)
- CIS 335 - Enterprise Technology Management Credits: (3)
- CIS 340 - Business Applications Development II Credits: (3)
- CIS 453 - Database Management Systems Credits: (3)
- CIS 455 - Computer Information Systems Analysis and Design Credits: (3)
- CIS 465 - Applications Development III Credits: (3, R9)

and 6 hours of program electives from the following:

- CIS 389 - Cooperative Education in Information Systems Credits: (1 or 3, R15)
- CIS 403 - Business Research and Reports Credits: (3)
- CIS 466 - Small Business Computing Credits: (3)
- CIS 480 - Independent Research in Information Systems Credits: (3)
- CIS 483 - Internship in Information Systems Credits: (1-3, R6)
- CIS 484 - Internship in Information Systems Credits: (1-3, R6)
- CIS 485 - Internship in Information Systems Credits: (1-3, R6)
- CIS 493 - Topics in Information Systems Credits: (1-3, R15)

Electives

General Electives Credits: 12-16 hours depending on Liberal Studies courses completed.

Curriculum guide

Visit the department's website at <http://afie.wcu.edu/> to view the 8 semester curriculum guide.

Computer Information Systems, Minor

Total number of hours for the program: 18.

Minor Requirements

All course prerequisites must be followed.

The minor requires 18 hours including:

- CIS 235 - Foundations of Information Technology Credits: (3)
- CIS 240 - Business Applications Development I Credits: (3)
- CIS 251 - Managing Enterprise Information Systems Credits: (3)
- CIS 253 - Microcomputer Applications Credits: (3)

and two courses (6 hours) selected from:

- CIS 335 - Enterprise Technology Management Credits: (3)
- CIS 340 - Business Applications Development II Credits: (3)
- CIS 440 - Advanced Business Programming Applications Credits: (3)
- CIS 453 - Database Management Systems Credits: (3)
- CIS 455 - Computer Information Systems Analysis and Design Credits: (3)
- CIS 465 - Applications Development III Credits: (3, R9)

Conflict Resolution, Minor

Total number of hours for the program: 18.

The minor offers students an opportunity to learn and practice dispute resolution theory by becoming peer mediators and mediating campus disputes and observing court mediations.

Required hours (9)

- BA 480 - Independent Research Credits: (3)
or
- BA 495 - Dispute Resolution Seminar Credits: (3)
- LAW 285 - Mediation Credits: (3)
- MKT 409 - Negotiations/Relationship Marketing Credits: (3)

Select three electives from the following:

- BA 304 - Business Communications in a Multicultural Environment Credits: (3)
- CJ 311 - Juvenile Justice and Delinquency Credits: (3)
- COMM 313 - Conflict Resolution Credits: (3)
- COMM 415 - Intercultural Communication Credits: (3)
- LAW 412 - Business Ethics and Corporate Responsibility Credits: (3)
- MGT 302 - Labor-Management Relations Credits: (3)

Economics, Minor

Total number of hours for the program: 18.

Minor Requirements

The minor requires 18 hours including:

- ECON 231 - Introductory Microeconomics and Social Issues Credits: (3)
Either:
- ECON 232 - Introductory Macroeconomics and Social Issues Credits: (3)
or
- ECON 300 - Macroeconomics and Business Forecasting Credits: (3)
- ECON 302 - Managerial Economics Credits: (3)
and one course selected from:
- QA 235 - Business Statistics Credits: (3)
- MATH 170 - Applied Statistics Credits: (3)
- MATH 270 - Statistical Methods I Credits: (3)

and an additional 6 hours of 300 or 400 level economics courses, which may include:

- GEOG 350 - Economic Geography Credits: (3)

Entrepreneurship, B.S.

Total number of hours for the program: 120.

Liberal Studies: 42 hours

Major requirements (48 hours)

The following 48 hours are required in the major:

- ACCT 251 - Financial Accounting - A User Perspective Credits: (3)
- CIS 251 - Managing Enterprise Information Systems Credits: (3)
- ECON 231 - Introductory Microeconomics and Social Issues Credits: (3)
- FIN 305 - Financial Management Credits: (3)
- LAW 230 - Legal and Ethical Environment of Business Credits: (3)
- MATH 130 - College Algebra Credits: (3) or any other Math course with MATH 130 as a prerequisite.
- MGT 300 - Introduction to Management Credits: (3)
- MKT 201 - Marketing Planning and Strategy Credits: (3)
or
- MKT 206 - Introduction to Professional Selling Credits: (3)
- ENT 201 - Introduction to Entrepreneurship Credits: (3)
- ENT 250 - Innovation and Creativity Credits: (3)
- ENT 301 - New Venture Leadership Credits: (3)
- ENT 325 - New Venture Creation Credits: (3)
- ENT 350 - New Venture Growth Credits: (3)
- ENT 401 - Entrepreneurial Funding Credits: (3)
- ENT 450 - New Venture Strategy Credits: (3)
- ENT 475 - Entrepreneurial Consulting Credits: (3)

Cognate (18 hours)

The underlying philosophy of the B.S. Entrepreneurship degree is to give students a foundation in business concepts that can be combined with 18 hours of courses in a discipline-specific area of knowledge in the type of business students would like to start. The Cognate represents the courses in the discipline-specific area of knowledge. At least 6 hours must be at the junior-senior level.

General Electives (12 hours)

More hours may be required depending on the number of hours taken in the major that also meet Liberal Studies requirements.

Visit the department's website at <http://www.wcu.edu/3857.asp> to view the 8 semester curriculum guide.

Entrepreneurship, B.S.B.A.

Total number of hours for the program: 120.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Business Core: 36 hours

Business Core Requirements (36 hours)

Major Requirements

The following 21 hours in the major:

- ENT 201 - Introduction to Entrepreneurship Credits: (3)
- ENT 250 - Innovation and Creativity Credits: (3)
- ENT 301 - New Venture Leadership Credits: (3)
- ENT 325 - New Venture Creation Credits: (3)
- ENT 350 - New Venture Growth Credits: (3)
- ENT 401 - Entrepreneurial Funding Credits: (3)
- ENT 450 - New Venture Strategy Credits: (3)

General Electives (21 to 27 hours)

More or less hours may be required depending on the number of hours taken in the major that also meet Liberal Studies requirements.

Entrepreneurship, Minor

Total number of hours for the program: 16.

Minor Requirements

The minor requires 16 hours, including:

- ENT 201 - Introduction to Entrepreneurship Credits: (3)
- ENT 250 - Innovation and Creativity Credits: (3)
- ENT 301 - New Venture Leadership Credits: (3)
- ENT 325 - New Venture Creation Credits: (3)
- ENT 350 - New Venture Growth Credits: (3)
- ENT 482 - Independent Study Credits: (1-3, R6)

Finance, B.S.B.A.

Total number of hours for the program: 120.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Business Core: 36 hours

Business Core Requirements (36 hours)

Major Requirements

- FIN 335 - Financial Institutions Credits: (3)
- FIN 406 - Investment Strategies Credits: (3)
- *Choose any 5 of the following:*
- ACCT 275 - Intermediate Accounting I Credits: (3)
- ACCT 301 - Financial Statement Analysis Credits: (3)
- ACCT 355 - Introduction to Income Taxation Credits: (3)
- COUN 430 - Individual and Group Counseling Credits: (3)
- FIN 301 - Financial Statement Analysis Credits: (3)
- FIN 210 - Managing your Money for Financial Success Credits: (3)
- FIN 389 - Cooperative Education in Finance Credits: (1or3, R15)
- FIN 410 - Retirement Planning Credits: (3)
- FIN 440 - Bank Practice and Policy Credits: (3)
- FIN 450 - Contemporary Managerial Finance Credits: (3)
- FIN 470 - Portfolio Management Credits: (3)
- FIN 483 - Internship in Finance Credits: (3, R9)
- FIN 496 - Estate & Trust Planning Credits: (3)
- MKT 206 - Introduction to Professional Selling Credits: (3)

Electives

General Electives Credits: 21-27 hours depending on Liberal Studies courses completed.

Curriculum Guide

Visit the department's website at <http://afie.wcu.edu> to view the 8 semester curriculum guide.

Finance, Minor

Requirements

The minor requires 18 hours, including:

- ACCT 251 - Financial Accounting - A User Perspective Credits: (3)
- FIN 305 - Financial Management Credits: (3)
- FIN 335 - Financial Institutions Credits: (3)
- FIN 406 - Investment Strategies Credits: (3)

And 6 hours of electives selected from the following:

- ACCT 275 - Intermediate Accounting I Credits: (3)
- FIN 210 - Managing your Money for Financial Success Credits: (3)
- FIN 301 - Financial Statement Analysis Credits: (3)
- FIN 410 - Retirement Planning Credits: (3)
- FIN 440 - Bank Practice and Policy Credits: (3)
- FIN 450 - Contemporary Managerial Finance Credits: (3)
- FIN 470 - Portfolio Management Credits: (3)

- FIN 496 - Estate & Trust Planning Credits: (3)

Hospitality and Tourism, Minor

Total number of hours for the program: 18.

Minor Requirements

The minor requires 18 hours.

Required:

- HT 130 - The Hospitality and Tourism Services Industry Credits: (3)

Select 5 courses from the following:

- HT 232 - Quality Service Credits: (3)
- HT 229 - Hotel Front Office Operations Credits: (3)
- HT 231 - Hospitality Facilities Management Credits: (3)
- HT 233 - Quantity Foods Credits: (3)
- HT 241 - Special Events and Festival Management Credits: (3)
- HT 334 - Restaurant Management Credits: (3)
- HT 335 - Lodging and Resort Management Credits: (3)
- HT 336 - Club Management Credits: (3)
- HT 337 - Meeting, Convention, and Event Planning Credits: (3)
- HT 238 - Travel & Tourism Credits: (3)
- HT 239 - Cost Control in the Hospitality and Tourism Industry Credits: (3)
- HT 431 - Hospitality and Tourism Marketing Credits: (3)
- HT 432 - Hospitality Supervision Credits: (3)
- HT 436 - Tourism Planning and Development Credits: (3)
- HT 437 - Bar and Beverage Operations Credits: (3)

Hospitality Tourism Management, B.S.

Total number of hours for the program: 120.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements (54 hours)

The following 54 hours are required in the major:

- ACCT 251 - Financial Accounting - A User Perspective Credits: (3)
- CIS 251 - Managing Enterprise Information Systems Credits: (3)
- ECON 231 - Introductory Microeconomics and Social Issues Credits: (3)

- FIN 305 - Financial Management Credits: (3)
- HT 130 - The Hospitality and Tourism Services Industry Credits: (3)
- HT 334 - Restaurant Management Credits: (3)
- HT 335 - Lodging and Resort Management Credits: (3)
- HT 432 - Hospitality Supervision Credits: (3)
- HT 436 - Tourism Planning and Development Credits: (3)
- HT 438 - Strategic Management in the Hospitality and Tourism Industry Credits: (3)
- HT 483 - Internship Credits: (3)
- LAW 230 - Legal and Ethical Environment of Business Credits: (3)
- MGT 300 - Introduction to Management Credits: (3)
- MKT 201 - Marketing Planning and Strategy Credits: (3)
- and*
- MATH 170 - Applied Statistics Credits: (3)
- or*
- QA 235 - Business Statistics Credits: (3)
- In addition choose any three from the following which must include at least 3 hours at the 300-400 level:*
- HT 229 - Hotel Front Office Operations Credits: (3)
- HT 231 - Hospitality Facilities Management Credits: (3)
- HT 232 - Quality Service Credits: (3)
- HT 233 - Quantity Foods Credits: (3)
- HT 238 - Travel & Tourism Credits: (3)
- HT 239 - Cost Control in the Hospitality and Tourism Industry Credits: (3)
- HT 241 - Special Events and Festival Management Credits: (3)
- HT 336 - Club Management Credits: (3)
- HT 337 - Meeting, Convention, and Event Planning Credits: (3)
- HT 431 - Hospitality and Tourism Marketing Credits: (3)
- HT 434 - Advanced Club Management Credits: (3)
- HT 437 - Bar and Beverage Operations Credits: (3)
- HT 493 - Topics Credits: (1-12)
- LAW 402 - Hospitality Law Credits: (3)

General Electives (24 to 30 hours)

More hours may be required depending on the number of hours taken in the major that also meet Liberal Studies requirements.

Visit the department's website at <http://www.wcu.edu/cob/HT/> to view the 8 semester curriculum guide.

Management, B.S.B.A.

Total number of hours for program: 120.

All Management majors will be required to prepare a portfolio demonstrating competence in Communicating; Decision-making; Leading; Working with others; including groups; professional behavior; and Integrating other fields of study with Management.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Business Core: 36 hours

Business Core Requirements (36 hours)

Major Requirements

The following 27 hours in the major:

- MGT 304 - Human Resource Management Credits: (3)
- MGT 306 - Behavioral Science in Organizations Credits: (3)
- MGT 366 - Successful Supervision Credits: (3)
- MGT 367 - Introduction to Project Management in Practice Credits: (3)
- MGT 402 - Production and Operations Management Credits: (3)
- MGT 495 - Seminar in Management Credits: (3)
- 9 hours guided Business elective (300-400 level) with advisor's approval.

General Electives, 6 hours.

15-21 hours, depending on Liberal Studies courses completed.

Curriculum Guide

Visit the department's website at www.wcu.edu/7125.asp to view the 8 semester curriculum guide.

Management, Minor

Total number of hours for the program: 18.

Minor Requirements

The minor requires 18 hours, including:

- MGT 300 - Introduction to Management Credits: (3)
- MGT 304 - Human Resource Management Credits: (3)
- MGT 306 - Behavioral Science in Organizations Credits: (3)

And 9 hours of approved Management Electives.

Marketing, B.S.B.A.

Total number of hours for the program: 120.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Business Core: 36 hours

Business Core Requirements (36 hours)

Major Requirements

The following 21 hours in the major:

- MKT 206 - Introduction to Professional Selling Credits: (3)
- MKT 303 - Marketing Research Credits: (3)
- MKT 304 - Consumer Behavior Credits: (3)
- MKT 475 - Applications of Marketing Credits: (3)

And

3 additional marketing electives at the 300 or 400 level (9 hours)

Electives

General electives, 21-27 hours depending on Liberal Studies courses completed.

NOTE:

Students may select various interest areas, e.g., sales, retailing, general marketing, by carefully choosing their electives in consultation with their academic adviser.

Visit the department's website at <http://www.wcu.edu/cob/SalesWebsite/home.html> to view the 8 semester curriculum guide.

Marketing, Minor

Total number of hours for the program: 18.

Minor Requirements

- MKT 211 - Marketing Principles (for non-marketing majors) Credits: (3)
or
- MKT 201 - Marketing Planning and Strategy Credits: (3)

And 15 hours of electives:

Selected from other marketing courses.

Depending on the electives selected, course prerequisites may add additional hours. Please check the catalog description for specific requirements.

Sport Management, B.S.

Total number of hours for program: 120.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Business Core: 36 hours

Business Core Requirements (36 hours)

Major Requirements: 33 hours

- SM 260 - Introduction to Sport Management Credits: (3)
- SM 340 - Sport Ethics Credits: (3)
- SM 420 - Risk Management and Liability in Sport Credits: (3)
- SM 423 - Sociology of Sport Credits: (3)
- SM 435 - Sport Event Management and Sponsorship Credits: (3)
- SM 445 - Sport Administration Credits: (3)
- SM 460 - Financial Aspects of Sport Credits: (3)
- SM 461 - Sport Marketing Credits: (3)
- SM 484 - Internship in Sport Management Credits: (3-6)
- SM 485 - Internship in Sport Management Credits: (3-6)
- SM 495 - Sport Management Strategy Credits: (3)

General Electives

9-15 hours depending on Liberal Studies courses completed.

Admission Criteria:

All requirements for admission to Sport Management (SM) must be met by the semester in which the student submitted the application. The following are requirements for admission:

1. Earn and maintain a minimum cumulative GPA of 2.5 on hours attempted at WCU.
2. All students must have a 2.5 GPA to be eligible to take any 400 level SM prefix course.

Students who have not met the requirement for admission into the Sport Management major (2.5 GPA on hours completed at WCU) may register as pre-business majors. Students who have not achieved a 2.5 GPA by the time they have completed 60 hours should not remain pre-business majors, but should select another major.

Requirements for Graduation in Sport Management

- 2.5 WCU Grade Point Average (required for admission into the SM program, to take 400 level SM-prefix courses, to intern and to graduate).
- 120 semester hours
- All other WCU requirements

Visit the department's website at <http://www.wcu.edu/2517.asp> to view the 8 semester curriculum guide.

Minor in Sport Management

Requirements: Sport Management, Minor

Sport Management, Minor

Total number of hours for the program: 18.

Minor requirements:

The minor, open to non-Sport Management majors, requires 18 hours, including:

- SM 260 - Introduction to Sport Management Credits: (3)
and 15 hours from the following:
- SM 340 - Sport Ethics Credits: (3)
- SM 420 - Risk Management and Liability in Sport Credits: (3)
- SM 423 - Sociology of Sport Credits: (3)
- SM 435 - Sport Event Management and Sponsorship Credits: (3)
- SM 445 - Sport Administration Credits: (3)
- SM 460 - Financial Aspects of Sport Credits: (3)
or
- SM 461 - Sport Marketing Credits: (3)

Additional requirements:

Students must take SM 260 before taking any other 300-400 level SM courses. Please check the catalog description for specific requirements. Students must have a WCU GPA of 2.5 or greater in order to register for and take 400-level Sport Management classes.

College of Education and Allied Professions

Office Info: 220 Killian Building/Main Campus (828) 227-7311

Website

Dale Carpenter-Interim, Dean Kim Ruebel, Associate Dean

The College of Education and Allied Professions seeks to prepare professional personnel for the schools and colleges of the state and region and for other educational and service agencies. It coordinates all teacher education curricula at the university and provides services to individuals, schools, and regional educational and professional agencies. It undertakes continuous evaluation to assure curricula and professional services of high quality and coordinates the screening, selection, and counseling of students pursuing programs of study in the school.

The Bachelor of Science and Bachelor of Science in Education degrees are awarded upon completion of the undergraduate programs offered in the college. The Bachelor of Science degree is awarded in birth-kindergarten, psychology, and parks and recreation management. The Bachelor of Science in Education degree is normally awarded to those completing a teacher education program. Students may pursue programs leading to the Bachelor of Arts or Bachelor of Science degrees simultaneously with a program in teacher education but must fulfill all requirements of an approved teacher education program.

Academically or Intellectually Gifted (AIG) Add-on Licensure (K-12)

Licensure in AIG may be obtained by students holding or eligible for a North Carolina license in any area. The program requires 12 hours and includes SPED 400, SPED 471, SPED 475, and SPED 477. The licensure program is completely online with the exception of a one-week field experience associated with SPED 400 that takes place in the summer.

Additional Information:

Visit the department's website at <http://www.wcu.edu/7621.asp> for additional information.

Art, B.S.ED.

Total number of hours for the program: 128.

Students receiving B.F.A. Degree in Art with a concentration in Art Education will also receive the B.S.Ed. Degree in Art Education from the College of Education and Allied Professions. For degree requirements, please see the listing under B.F.A. Art, Concentration in Art Education.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

Professional Education Sequence (24 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)
- ART 463 - Art Methods for the Middle and High School Credits: (3)

- EDSE 490 - Supervised Student Teaching Credits: (6)
- EDSE 495 - Seminar Credits: (3)
- ART 491 - Supervised Student Teaching in Art, K-12 Credits: (3)

The major further requires 59 hours as follows:

- ART 131 - Introductory Drawing Credits: (3)
- ART 132 - Two-Dimensional Design Credits: (3)
- ART 136 - Art History Survey I Credits: (3)
- ART 137 - Art History Survey II Credits: (3)
- ART 142 - Three-Dimensional Design Credits: (3)
- ART 367 - History and Philosophy of Art Education Credits: (3)
- ART 416 - Contemporary Art Credits: (3)
- ART 465 - Art Methods for the Elementary School Credits: (3)

Art Studio

18 hours art studio:

- ART 233 - Introductory Painting Credits: (3)
- ART 234 - Introductory Printmaking Credits: (3)
- ART 241 - Introductory Sculpture Credits: (3)
- ART 251 - Introductory Ceramics Credits: (3)
- ART 270 - Communication Design Credits: (3)
- ART 372 - Introductory Photography Credits: (3)

Art Electives

9 hours art studio electives selected as 300- or 400-level courses in the same studio discipline.

3 hours art history electives at the junior-senior level.

5 hours of free electives.

Additional Requirements

To continue in the program, students must earn a grade of C (2.0) or better in each art course in the major.

3 hours of general electives from 300-400 level courses (3)

Visit the department's website at <http://www.wcu.edu/3313.asp> to view the 8 semester curriculum guide.

Birth-Kindergarten, B.S.

The total number of hours for program: 120.

The Birth-Kindergarten is a fully online Undergraduate Program.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

The major requires 60-69 hours as follows:

30 Hour Core

- BK 250 - Introduction to Birth-Kindergarten Credits: (3)
- BK 260 - Foundations of Child Study Credits: (3)
- BK 315 - Early Childhood Literacy, Birth-5 Credits: (3)
- BK 361 - Environments for Young Children Credits: (3)
- BK 363 - Child Development Credits: (3)
- BK 462 - Adult-Child Interaction Credits: (3)
- BK 470 - Early Childhood Curriculum Credits: (3)
- BKSE 345 - Adaptations and Modifications for Young Children with Disabilities Credits: (3)
- BKSE 415 - Evaluation & Intervention of Social-Emotional Competencies in Young Children Credits: (3)
- SPED 240 - The Exceptional Child Credits: (3)

Professional Education Concentration, B.S. 39 hours

- BK 312 - Kindergarten Curriculum Credits: (3)
- BK 316 - Mathematics and Science Credits: (3)
- BK 473 - Early Childhood Assessment for Responsive Instruction Credits: (3)
- BK 482 - Internship I Credits: (6)
- BK 483 - Internship Credits: (10, R20)
- BK 496 - Internship Seminar Credits: (2, R4)
- BKSE 313 - Assessment of the Young Child Credits: (3)
- BKSE 412 - Interagency Planning Credits: (3)
- BKSE 427 - Teaching Reading to Yng Children w/Disabilities Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)

Early Childhood Concentration, B.S. 30 hours

- BK 366 - Infant Development and Curriculum Credits: (3)
- BK 414 - Theory and Practice in Early Childhood Administration Credits: (3)
- BK 457 - Action Research Credits: (9)
- BK 458 - Action Research II Credits: (9)
- BKSE 314 - Observational Assessment & Screening of Young Children Credits: (3)
- BKSE 411 - Family Collaborative Planning Credits: (3)

Guided Electives:

9-18 hours. Suggested courses: Courses approved by the BK program.

Additional Requirements:

Birth-Kindergarten majors must maintain an overall GPA of 2.75 or better and passing grades of "C" in all courses required in the major, regardless of concentration. If a student earns a grade below a "C" in a required course or a student's grade point average in the major falls below a 2.75, the student will not be permitted to enroll in any BK or BKSE course. All students must complete liberal studies or the equivalent before starting internship courses or action research courses. **Admission to the Professional Education Concentration:** Students in the professional education concentration must be admitted to the Teacher Education Program and are subject to all of the teacher education requirements. Though there are other program requirements that may be taken, **BK 250 is the only course in the**

professional education sequence that may be taken before admission to teacher education. The BK professional education sequence includes BK 250, BK 312, SPED 339, BK 473, BK 482, BK 483, and BK 496. **Continuation in the B-K program:** The requirements of continuing in the program are (1) a GPA of at least 2.75 on hours attempted (2) behavior which adheres to the code of ethics of the profession and the North Carolina BK standards (3) satisfactory participation in the required professional field experiences, which is prerequisite to internship. An evaluation of each field experience assignment will become a part of the student's professional record. Students will also be evaluated on candidate dispositions by BK faculty. **Professional Education Concentration Internships:** Students are allowed to take 6 hours with Internship I (BK 482) and are not allowed to take any classes with Internship II (BK 483) and Seminar (BK 496) unless the BK faculty grants permission.

Visit the department's website at <http://www.wcu.edu//6397.asp> for additional information.

Birth-Kindergarten, Minor

Total number of hours for the program: 21.

Minor Requirements

The minor requires 21 hours, including

- BK 363 - Child Development Credits: (3)
- BK 462 - Adult-Child Interaction Credits: (3)
- COUN 310 - Family Systems Credits: (3)
- SPED 240 - The Exceptional Child Credits: (3)
- BKSE 345 - Adaptations and Modifications for Young Children with Disabilities Credits: (3)

And 6 hours selected from:

- BK 260 - Foundations of Child Study Credits: (3)
- BK 361 - Environments for Young Children Credits: (3)
- BKSE 313 - Assessment of the Young Child Credits: (3)
- BKSE 411 - Family Collaborative Planning Credits: (3)
- BKSE 412 - Interagency Planning Credits: (3)

Education and Allied Professions Multi-Media Minor

Total number of hours for the program: 18.

Minor Requirements

The minor will consist of 18 hours with nine hours of core courses and nine hours of elective courses. Students will take one course in each of the three core areas:

Visual

Choose from:

- ART 420 - Intermedia in Contemporary Culture Credits: (3)
- ENGL 313 - Authoring Multimedia Credits: (3, R6)

Audio

- MUS 383 - Music and Audio in Media Credits: (3)

Textual

Choose:

- COMM 204 - Desktop Publishing Credits: (3, R6)
or
- ENGL 304 - Writing for Electronic Environments Credits: (3)

The remaining nine hours will be selected

From other core courses and these additional courses involving multimedia history and technology:

- EDCD 372
- EDEL 466
- EDEL 472
- ECET 301
- ECET 302

- ART 479 - Motion Graphics II Credits: (3, R6)
- ENGL 305 - Technical Writing Credits: (3)
- ENGL 307 - Professional Editing and Publishing Credits: (3)
- MPTP 310 - Introduction to Screenwriting Credits: (3)
- MUS 181 - Introduction to MIDI/Synthesis Credits: (1)
- MUS 283 - Music Technology Methods Credits: (1)

Elementary Education Second Degree Program

Admission to the Elementary Education Second Degree Program

Students seeking admission to the Elementary Education Second Degree Program and initial licensure must already hold a BS or BA degree from an accredited institution. Bachelor's degrees from within the UNC system will waive Liberal Studies requirements. Degrees from out of state institutions will be evaluated on a case by case basis. Students entering the Elementary Education Second Degree program must declare their major and document a 2.75 cumulative GPA at the time of graduation before being admitted. In order to be admitted students must complete an application for admission and the personality trait survey (See Admission to Teacher Education Program). Students admitted to the second degree program are not required to take the PRAXIS I exam and will not need to declare a second academic concentration. However, while enrolled in the program they must maintain a 2.75 GPA or better to remain in good standing. In addition to courses in the professional education sequence and courses in the major, Second Degree Elementary Education teacher candidates must earn a C or better in the following courses: ENGL 101, ENGL 202. If a student's overall GPA falls below 2.75 the student will be removed from the program and must improve their GPA and reapply for admission. If a student receives an F in any course in the professional education sequence or major, the student must retake the course when it is offered and earn a grade of C or better. If a student fails any required major

course twice, the student is withdrawn from the major. If a student does not successfully complete internship they may be withdrawn from the program and will be ineligible for licensure.

Admission to the Professional Education Sequence in Elementary Education Second Degree Program

Students in the Professional Education must be admitted to the Teacher Education Sequence and are subject to all of the teacher education requirements. EDCI 201 is the only course in the professional education sequence that may be taken prior to admission to teacher education. The elementary education professional education sequence includes: EDCI 201, PSY 323, SPED 339, ELMG 484, ELMG 485 and ELMG 495.

Continuation in the Elementary Education Second Degree Program

The requirements for continuing in the program are (1) a GPA of at least 2.75 on hours attempted (2) behaviors and dispositions which adhere to the code of ethics of the profession and (3) satisfactory participation and completion in the required professional field experiences including ELMG 390 which are a prerequisites to internship. An evaluation of each field experience assignment will become a part of the teacher candidate's professional record. Any dismissal from a field experience or internship will result in a grade lower than a C and will make the teacher candidate ineligible for licensure.

Elementary Education Second Degree Major Course Requirements

The major course requirements for Elementary Education Second Degree include as follows:

- ELMG 201 - Seminar for Teacher Leadership Credits: (1)
 - PE 361 - Physical Education for the Elementary Teacher Credits: (1)
 - MUS 301 - Music for Elementary Classroom Teachers Credits: (1)
 - ART 363 - Art for Children Credits: (1)
 - * MATH 321 - Theory of Arithmetic I Credits: (3)
 - * MATH 322 - Theory of Arithmetic II Credits: (3)
 - EDEL 418 - Mathematics Methods Grades K-3 Credits: (3)
 - EDRD 303 - Children's Literature in the 21st Century Credits: (3)
 - * PSY 320 - Developmental Psychology I: Childhood Credits: (3)
 - EDRD 334 - Foundations of Reading/Language Development & Instruction Credits: (3)
- * Indicates that this course counts toward General Education Requirements as well.*

You must be fully admitted into the Professional Education Sequence and have a 2.75 cumulative GPA to take these courses.

- EDEL 311 - Elementary Curriculum Credits: (3)
- EDEL 323 - Seminar for Responsive Instruction Credits: (1)
- EDEL 339 - Seminar for Creating Responsive Learning Communities in the Elementary Grades Credits: (1)
- EDEL 415 - Language Arts Methods for Grades K-6 Credits: (3)
- EDEL 416 - Science Methods for Grade K-6 Credits: (3)
- EDEL 417 - Social Studies Methods for Grades K-6 Credits: (3)
- EDEL 419 - Mathematics Methods Grades 3-6 Credits: (3)
- EDEL 446 - Digital Literacy Methods for Grades K-6 Credits: (3)
- EDRD 335 - Content Reading for Intermediate Grade Learners Credits: (3)
- ELMG 390 - Practicum I Credits: (3)

Elementary Education, B.S.ED.

Total number of hours for program: 120-128.

Admission to the Elementary Education Program Students seeking admission to the Elementary Education Program must declare their major, declare their second academic concentration and earn and maintain a 2.75 cumulative GPA before being admitted. In order to be admitted students must complete an application for admission in EDCI 201 and achieve minimum required scores in Reading, Writing and Mathematics on PRAXIS I. Students will also complete a personality trait survey in EDCI 201, which will be viewed prior to admission (see Admission to Teacher Education Program). Students admitted to the program must maintain a 2.75 GPA or better to continue in the program. In addition to courses in the professional education sequence and courses in the major, Elementary Education teacher candidates must earn a C or better in the following courses: EDCI 201, ENGL 101, 202 and all courses in major. If a student's overall GPA falls below 2.75 the student will be removed from the program and must improve the GPA and reapply for admission. If a student receives an F in any course in the professional education sequence or major, the student must retake the course when it is offered and earn a grade C or better. If a student fails any required major course twice, the student is withdrawn from the major. If a student does not successfully complete internship they may be withdrawn from the program and will be ineligible for licensure.

Admission to the Professional Education Sequence in Elementary Education Students in the Professional Education must be admitted to the Teacher Education Sequence and are subject to all of the teacher education requirements. EDCI 201 is the only course in the professional education sequence that may be taken prior to admission to teacher education. The elementary education professional education sequence includes: EDCI 201, PSY 323, SPED 339, ELMG 485 and ELMG 495.

Continuation in the Elementary Education Program The requirements for continuing in the program are (1) a GPA of at least 2.75 on hours attempted (2) behaviors and dispositions which adhere to the code of ethics of the profession and (3) satisfactory participation and completion in the required professional field experiences including ELMG 390 which are a prerequisites to internship. An evaluation of each field experience assignment will become a part of the teacher candidate's professional record. Any dismissal from a field experience or internship will result in a grade lower than a C and will make the teacher candidate ineligible for licensure.

All students must complete a total of 120-128 hours depending upon SAC including:

- Liberal Studies (42 hours including 3 hours of Freshman Seminar)*
- Second Academic Concentration (18 hours)*
- Professional Education Sequence (24 hours)
- Major Courses (47 hours)

*Some SAC's can count toward Liberal Studies and can affect the total number of hours to come degree. MATH 321 and MATH 322 are Liberal Studies of which 3 hours count toward Liberal Studies in the degree.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Professional Education Sequence for Elementary & Middle Grades

The Professional Education Sequence for Elementary & Middle Grades Education requires 24 hours including:

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
You must be fully admitted into the Teacher Education program and have a 2.75 cumulative GPA to take these courses:
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)
- ELMG 484 - Supervised Internship I Credits: (3)
- ELMG 485 - Supervised Internship II Credits: (9)
- ELMG 495 - Seminar for Student Teachers Credits: (3)

Elementary Education Major Course Requirements

The major course requirements for Elementary Education includes as follows:

- ART 363 - Art for Children Credits: (1)
- EDEL 418 - Mathematics Methods Grades K-3 Credits: (3)
- EDRD 303 - Children's Literature in the 21st Century Credits: (3)
- EDRD 334 - Foundations of Reading/Language Development & Instruction Credits: (3)
- ELMG 201 - Seminar for Teacher Leadership Credits: (1)
- MUS 301 - Music for Elementary Classroom Teachers Credits: (1)
- * MATH 321 - Theory of Arithmetic I Credits: (3)
- * MATH 322 - Theory of Arithmetic II Credits: (3)
- PE 361 - Physical Education for the Elementary Teacher Credits: (1)
- * PSY 320 - Developmental Psychology I: Childhood Credits: (3)

** Indicates that this courses count toward General Education Requirements as well.*

You must be fully admitted into the Professional Education Sequence and have a 2.75 cumulative GPA to take these courses:

- EDEL 311 - Elementary Curriculum Credits: (3)
- EDEL 323 - Seminar for Responsive Instruction Credits: (1)
- EDEL 339 - Seminar for Creating Responsive Learning Communities in the Elementary Grades Credits: (1)
- EDEL 415 - Language Arts Methods for Grades K-6 Credits: (3)
- EDEL 416 - Science Methods for Grade K-6 Credits: (3)
- EDEL 417 - Social Studies Methods for Grades K-6 Credits: (3)
- EDEL 419 - Mathematics Methods Grades 3-6 Credits: (3)
- EDEL 446 - Digital Literacy Methods for Grades K-6 Credits: (3)
- EDRD 335 - Content Reading for Intermediate Grade Learners Credits: (3)
- ELMG 390 - Practicum I Credits: (3)

English, B.S.ED.

Total number of hours for the program: 120.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major requires 43 hours as follows:

Modern Foreign Languages: 6 hours

Any 6 hours in any foreign language or languages.

Gateway Course: 1 hour

- ENGL 200 - Introduction to the English Major Credits: (1)

English Education Core: 12 hours

- ENGL 240 - Research, Literary Criticism & British Literature Credits: (3).
- ENGL 241 - Formalism & American Literature Credits: (3)
- ENGL 242 - Cultural Studies & Non-Western World Literature Credits: (3)
- ENGL 278 - Introduction to Film Studies Credits: (3)

Grammar/Writing/Methods: 12 hours

- ENGL 312 - Grammar for Teachers Credits: (3)
- ENGL 414 - Fundamentals of Teaching Composition Credits: (3)
- ENGL 319 - The Teaching of Grammar Credits: (3)
- ENGL 416 - Teaching English as a Second Language Credits: (3)

Required Literature: 6 hours

- ENGL 418 - Fundamentals of Teaching Literature Credits: (3).
- ENGL 431 - Shakespeare and His Age Credits: (3)

Literature Electives (6 hours)

Six hours from any 300-400 level literature courses with an ENGL prefix or EDRD 467, Adolescent Literature. Three of these hours may, but need not, be a course in film studies with an ENGL prefix (♦).

- ENGL 333 - Introduction to Shakespeare Credits: (3)
- ENGL 350 - The Renaissance Credits: (3)
- ENGL 351 - The Beats, Radicals, and Avant-Garde Literature Credits: (3)
- ENGL 352 - The Journey in Literature Credits: (3)
- ENGL 353 - Stories Retold Credits: (3)
- ENGL 366 - Literature of American Immigration Credits: (3)
- ENGL 367 - Appalachian Literature Credits: (3)
- ENGL 368 - Film Genres Credits: (3, R6) ♦
- ENGL 378 - Motion Picture Histories Credits: (3) ♦
- ENGL 390 - The Bible as Literature Credits: (3)
- ENGL 394 - Film Adaptation Credits: (3, R6) ♦
- ENGL 411 - History of the English Language Credits: (3)
- ENGL 419 - Medieval Literature Credits: (3)
- ENGL 420 - Chaucer and His Age Credits: (3)
- ENGL 421 - Fairy Tale Literature Credits: (3)
- ENGL 430 - English Literature of the Renaissance Credits: (3)
- ENGL 440 - Milton and His Age Credits: (3)
- ENGL 441 - The Age of Pope, Swift, and Johnson Credits: (3)
- ENGL 450 - Major Writers Credits: (3, R6)
- ENGL 451 - Nineteenth-Century British Writers Credits: (3)
- ENGL 459 - Southern Literature Credits: (3)
- ENGL 461 - The "Long 19th Century" in American Literature Credits: (3)
- ENGL 463 - Contemporary Literature Credits: (3)
- ENGL 464 - Native American Literature Credits: (3)
- ENGL 465 - Topics in African American Literature Credits: (3)
- ENGL 469 - Directors/Screenwriters/Stars Credits: 3, R6 ♦
- ENGL 470 - Twentieth-Century and Contemporary Postcolonial Literature Credits: (3)

- ENGL 471 - Studies in Poetry Credits: (3)
- ENGL 472 - Studies in Fiction Credits: (3)
- ENGL 473 - Studies in Drama Credits: (3)
- ENGL 474 - Literary Theory Credits: (3)
- ENGL 475 - Modernism Credits: (3)
- ENGL 476 - The Short Story Credits: (3)
- ENGL 477 - Literature and Gender Credits: (3)
- ENGL 478 - Film Theory Credits: (3) ♦
- ENGL 479 - Studies in Literature Credits: (3, R6)
- ENGL 480 - Studies in English Credits: (1-3, R6)
- ENGL 496 - Seminar in World Literature Credits: (3)
- ENGL 498 - Senior Seminar in English Credits: (3)

Additional Requirements

Professional Education Sequence: B.S.Ed. in English

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- EDSE 484 - Supervised Internship I Credits: (1-3)
- EDSE 485 - Internship II Credits: (6)
- EDSE 495 - Seminar Credits: (3)
- ENGL 417 - Methods for Teaching English Credits: (3)
- ENGL 491 - Supervised Student Teaching in English, 9-12 Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)

Required Coordinating Major

All BSEd Secondary Education - English majors must also enroll in the BA - English degree program. Any BA English concentration may be selected (i.e. Literature, Professional Writing, Motion Picture Studies or English Studies Pedagogy) but the English Studies Pedagogy (ESP) concentration allows completion of both degrees within 120 hours. BSEd Secondary Education - English students who enroll in the BA - English ESP concentration satisfy the BA language requirement with the language requirement of the BSEd Secondary Education - English (six hours in any foreign language or languages). Selection of any other BA - English concentration requires completion of the prescribed BA foreign language requirement (six hours MFL 231/232 or 240) and may require coursework beyond 120 hours in order to complete the requirements of both programs.

BA English (Literature, Professional Writing, English Studies Pedagogy or Motion Picture Studies) students who elect in the Professional Writing, Film Studies, Literature or Creative Writing minor may not use an ENGL course for both the major and the minor; double counting of a course between those majors and this minor is not allowed.

Students must take at least 30 hours at the junior-senior level at WCU in order to satisfy general university requirements.

Students must maintain a minimum 2.75 GPA in the major, and no grade below a C (2.0) for any required course in the core 31 hours in English will be accepted.

General Electives: 8-14 hours (depending on how many hours count for Liberal Studies.)

A total of 120 hours is required to graduate. English Education students are encouraged to take ENGL classes as general electives to meet the 120 hour requirement.

Visit the department's website at <http://www.wcu.edu/609.asp> to view the 8 semester curriculum guide.

Health and Physical Education, B.S.ED.

Total number of hours for the program: 126.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements (57 hours)

- HPE 212 - Foundations of Health and Physical Education Credits: (3)
- HPE 223 - Applied Kinesiology I - Anatomy, Physiology & Biomechanics Credits: (4)
- HPE 225 - Applied Kinesiology II - Exercise Physiology Credits: (4)
- HPE 235 - Motor Behavior Credits: (3)
- HPE 253 - Sport Education Credits: (3)
- HPE 255 - Mental and Emotional Health for Teachers and Their Students Credits: (3)
- HPE 256 - Physical Education Pedagogy Credits: (3)
- HPE 305 - Adventure-Based Physical Education Credits: (3)
- HPE 311 - Evaluation & Assessment in Health & Physical Education Credits: (2)
- HPE 312 - Health Education Pedagogy Credits: (3)
- HPE 325 - Pedagogy & Prevention of Risky Behaviors K-12 Credits: (3)
- HPE 343 - Classroom Management for Health & Physical Education Credits: (3)
- HPE 345 - Children's Movement Credits: (3)
- HPE 346 - Educational Dance & Gymnastics Credits: (2)
- HPE 354 - Lifetime Sport & Physical Activity I Credits: 2
or
- HPE 364 - Lifetime Sport & Physical Activity II Credits: (2)
- HPE 355 - Fitness Concepts Credits: (3)
- HPE 358 - Healthy Living Concepts Credits: (3)
- HPE 360 - Sexual Health Throughout the Lifespan Credits: (3)
- HPE 424 - Adapted Movement & Wellness Credits: (3)

Professional Education (27 hours)

All Health & Physical Education majors are required to complete 27 hours in the Professional Education Sequence. These courses may be taken only when all criteria for the continuation in the Teacher Education Program have been met. The following courses are in the Professional Education Sequence for the Physical Education major:

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- HPE 425 - Health and Physical Education Curriculum Development Credits: (3)
- HPE 488 - Physical Education Internship I:6-12 Credits: (3)
- HPE 489 - Health & Physical Education Internship II:K-8 Credits: (9)
- HPE 496 - The Healthful Living Teacher as Leader Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)

Additional Requirements

A grade of C or better is required in all major classes. A current First Aid Certification is required at the time of graduation. A cumulative GPA of 2.75 is required to remain in the major.

All majors are required to demonstrate a level of professional involvement in physical education, fitness and sport programs or activities. Professional involvement activities in physical education, fitness and sport include a requirement of 50 hours of community service prior to Internship II and may come in a variety of other ways.

Visit the department's website at <http://www.wcu.edu/9095.asp> to view the 8 semester curriculum guide.

Inclusive Education, B.S.ED.

Total number of hours for program: 126.

Students who complete this major will be recommended for North Carolina teaching licensure in Exceptional Education: General Curriculum (K-6) and eligible for licensure in Elementary Education (K-6), (pending approval by North Carolina Department of Public Instruction).

Admission to the Inclusive Education Program

Students seeking admission to the Inclusive Education Program must declare their major and earn and maintain a 2.75 GPA before being admitted. In order to be admitted students must complete an application for admission in EDCI 201 and achieve minimum required scores in Reading, Writing, and Mathematics on PRAXIS I. Students will also complete a personality trait survey in EDCI 201, which will be viewed prior to admission (see Admission Teacher Education Program). Students admitted to the program must maintain a 2.75 GPA or better to continue in the program. In addition to courses in the professional education sequence and courses in the major, Inclusive Education teacher candidates must earn a C or better in the following courses: ENGL 101, ENGL 202. If a student's overall GPA falls below 2.75 the student will be removed from the program and must improve the GPA and reapply for admission. If a student receives an F in any course in the professional education sequence or major, the student must retake the course when it is offered and earn a grade C or better. If a student fails any required major course twice, the student is withdrawn from the major. If a student does not successfully complete internship they may be withdrawn from the program and will be ineligible for licensure.

Admission to the Professional Education Sequence in Inclusive Education

Students in the Professional Education must be admitted to the Teacher Education Sequence and are subject to all of the teacher education requirements. EDCI 201 is the only course in the professional education sequence that may be taken prior to admission to teacher education. The inclusive education professional education sequence includes: EDCI 201, PSY 323, SPED 339, SPED 490, and SPED 495.

Continuation in the Inclusive Education Program

The requirements for continuing in the program are (1) a GPA of at least 2.75 on hours attempted (2) behaviors and dispositions which adhere to the code of ethics of the profession and (3) satisfactory participation and completion in the required professional field experiences including ELMG 390 which are a prerequisites to internship. An evaluation of each field experience assignment will become a part of the teacher candidate's professional record. Any dismissal from a field experience or internship will result in a grade lower than a C and will make the teacher candidate ineligible for licensure.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

Inclusive education major, 63* hours as follows:

*MATH 321 and MATH 322 are Liberal Studies of which 3 hours count toward Liberal Studies in the degree. Three hours of a foreign language count toward Liberal Studies.

- Six hours of foreign language
- EDEL 323 - Seminar for Responsive Instruction Credits: (1)
- EDEL 415 - Language Arts Methods for Grades K-6 Credits: (3)
- EDEL 416 - Science Methods for Grade K-6 Credits: (3)
- EDEL 417 - Social Studies Methods for Grades K-6 Credits: (3)
- EDEL 418 - Mathematics Methods Grades K-3 Credits: (3)
- EDEL 419 - Mathematics Methods Grades 3-6 Credits: (3)
- EDEL 446 - Digital Literacy Methods for Grades K-6 Credits: (3)
- EDRD 303 - Children's Literature in the 21st Century Credits: (3)
- EDRD 334 - Foundations of Reading/Language Development & Instruction Credits: (3)
- EDRD 335 - Content Reading for Intermediate Grade Learners Credits: (3)
- ELMG 390 - Practicum I Credits: (3)
- ENGL 416 - Teaching English as a Second Language Credits: (3)
- * MATH 321 - Theory of Arithmetic I Credits: (3)
- * MATH 322 - Theory of Arithmetic II Credits: (3)
- SPED 240 - The Exceptional Child Credits: (3)
- SPED 310 - Assessment for Instruction Credits: (3)
- SPED 312 - Teaching Elementary Students with Learning Problems (K-6) Credits: (3)
- SPED 401 - Exceptional Learners in the General Curriculum Credits: (3)
- SPED 407 - Behavioral Issues in the General Curriculum Credits: (3)
- SPED 423 - Teaching Reading to Individuals with Mild to Moderate Disabilities Credits: (3)
- SPED 430 - Classroom Leadership Credits: 3
- SPED 484 - Special Education Internship I Credits: (1-3) Credits: (1-3) 3 hours required

The Professional Education Sequence (21 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)
- SPED 490 - Supervised Student Teaching Credits: (9)
- SPED 495 - Special Education Seminar Credits: (3)

Additional Requirements:

Inclusive education majors are required to maintain a 2.75 in the major and to earn a "C" or better in all courses required in the major. If a student earns a grade below a "C" in a required course or a student's grade point average in the major falls below 2.75, the student will not be permitted to enroll in SPED 312, SPED 423 or SPED 484.

Visit the program's website at <http://www.wcu.edu/28968.asp> to view the 8 semester curriculum guide.

Leadership, Minor

Total number of hours for the program: 18.

The leadership minor is 18 hours, consists of 9 hours of core courses and 9 hours of elective courses. Required courses are HR 244, 344, and 444. The remaining 9 hours may be selected from any of the Human Resources (HR) undergraduate level courses. In addition, other upper division courses may qualify, based on the students' major and course offerings in their department areas, with the permission and agreement of the Leadership faculty and faculty in their major.

Mathematics, B.S.ED.

Total number of hours for the Program: 120.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major requires 50 hours as follows. Only grades of C (2.0) or higher in required mathematics core courses will satisfy requirements in the major. The following courses are required:

Mathematics Core (24 hours)

- MATH 153 - Calculus I Credits: (4)
- MATH 250 - Introduction to Logic and Proof Credits: (3)
- MATH 255 - Calculus II Credits: (4)
- MATH 256 - Calculus III Credits: (4)
- MATH 270 - Statistical Methods I Credits: (3)
- MATH 310 - Discrete Structures Credits: (3)
- MATH 362 - Introduction to Linear Algebra Credits: (3)

Additional Required Course (2 hours)

- MATH 479 - Capstone: Seminar Credits: (2)

Other required courses (18 hours)

- MATH 300 - Problem Solving Credits: (3)
- MATH 340 - Introduction to Scientific Computing Credits: (3)
- MATH 361 - Introduction to Abstract Algebra Credits: (3)
- MATH 400 - History of Mathematics Credits: (3)
- MATH 411 - Foundations in Geometry Credits: (3)
- MATH 414 - Introduction to Secondary Mathematics Teaching Methods Credits: (3)

Electives-Math electives (6 hours) selected from:

- MATH 320 - Ordinary Differential Equations Credits: (3)
- MATH 370 - Probability and Statistics I Credits: (3)
- MATH 375 - Statistical Methods II Credits: (3)
- MATH 412 - Modern Geometries Credits: (3)
- MATH 422 - Real Analysis Credits: (3)

- MATH 423 - Advanced Calculus II Credits: (3)
- MATH 424 - Complex Variable Theory Credits: (3)
- MATH 430 - Mathematical Modeling Credits: (3)
- MATH 441 - Introduction to Numerical Analysis Credits: (3)
- MATH 450 - Linear Optimization Credits: (3)
- MATH 461 - Abstract Algebra Credits: (3)
- MATH 462 - Linear Algebra Credits: (3)
- MATH 470 - Probability and Statistics II Credits: (3)

Additional Requirements

To complete the program, 28 hours are required, including the professional education sequence (24 hours-see below) for secondary and special subject teaching and 4 hours of general electives. At least 30 hours taken at WCU must be at the junior-senior level to meet one of the general university degree requirements. A student enrolled in the B.S.Ed. in Mathematics must also be enrolled in the B.S. Mathematics with the Mathematics Education Option. If hours taken in the major also meet Liberal Studies requirements more hours may need to be completed in order to meet the 120 total hours needed.

Visit the department's website at <http://www.mathcs.wcu.edu/> to view the 8 semester curriculum guide.

Professional Education Sequence (24 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- EDSE 495 - Seminar Credits: (3)
- MATH 415 - Methods and Materials for Teaching Mathematics in the Secondary School Credits: (3)
- MATH 491 - Supervised Student Teaching in Mathematics, 9-12 Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)
- and*
- EDSE 485 - Internship II Credits: (6)
- or*
- EDSE 490 - Supervised Student Teaching Credits: (6)

Middle Grades Education, B.S.ED.

Total number of hours for program: 120

(Depending on the concentrations selected as well as the hours taken in the major that also count for Liberal Studies).

Admission to the Middle Grades Education Program

Students seeking admission to the Middle Grades Education Program must declare their major, declare their academic concentrations and earn and maintain a 2.75 cumulative GPA before being admitted. In order to be admitted students must complete an application for admission in EDCI 201 and achieve minimum required scores in Reading, Writing and Mathematics on PRAXIS I. Students will also complete a personality trait survey in EDCI 201 which will be viewed prior to admission (See Admission to Teacher Education Program). Students admitted to the program must maintain a 2.75 GPA or better to continue in the program. Middle Grades education majors must earn a grade of C or better in all required courses (including SAC courses). This C or better requirement includes EDCI 201, ENGL 101, 202 and MATH 322. If a student scores below a C on any course in the professional education sequence or within the major twice, the student is withdrawn from teacher education. If a student's overall GPA falls below 2.75 the student will be removed from the program and must improve their GPA and reapply for admission. If a student receives an F in any course in the professional education sequence or major, the student must retake the course when it is offered and

earn a grade of C or better. If a student does not successfully complete internship they may be withdrawn from the program and will be ineligible for licensure.

Admission to the Professional Education Sequence in Middle Grades Education

Students in the Professional Education must be admitted to the Teacher Education Sequence and are subject to all of the teacher education requirements. EDCI 201 is the only course in the professional education sequence that may be taken prior to admission to teacher education. The middle grades professional education sequence includes: EDCI 201, PSY 323, SPED 339, ELMG 484, ELMG 485 and ELMG 495.

Continuation in the Middle Grades Education Program

The requirements for continuing in the program are (1) a GPA of at least 2.75 on hours attempted (2) behaviors and dispositions which adhere to the code of ethics of the profession and (3) satisfactory participation and completion in the required professional field experiences which are a prerequisites to internship. An evaluation of each field experience assignment will become a part of the teacher candidate's professional record. Any dismissal from a field experience or internship will automatically result in a grade lower than a C and will make the teacher candidate ineligible for licensure.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major in Middle Grades Education BSED Degree

- Liberal Studies (42 hours including 3 hours of Freshman Seminar)
- Middle Grades Concentration: Must complete 2 academic concentrations consisting of 24 to 25 hours from the four concentrations of Mathematics, Science, Social Studies and Language Arts

Middle Grades Major Course Requirements

The major requires 16 hours in core courses as follows:

- EDMG 410 - The Middle School Child and Curriculum Credits: (3)
- EDMG 411 - Differentiated Instruction in Middle Grades Education Credits: (3)
- EDMG 420 - Responsive Assessment & Classroom Management Credits: (3)
- EDMG 466 - Digital Literacy Methods Grades 6-9 Credits: (3)
- EDRD 335 - Content Reading for Intermediate Grade Learners Credits: (3)
- ELMG 201 - Seminar for Teacher Leadership Credits: (1)

Two concentrations from the options below:

Each concentration area must have a minimum of 24 hours in the discipline area and must include at least one "methods" course in the area.

NOTE: Science concentration has 25 hours, including the methods course.

Language Arts: 24 hours

Students with an academic concentration for Middle Grades Language Arts must take the following courses:

- EDRD 467 - Adolescent Literature Credits: (3)

- EDMG 415 - Language Arts Methods Grades 6-9 Credits: (3)
- ENGL 202 - Writing and Critical Inquiry Credits: (3)
- ENGL 312 - Grammar for Teachers Credits: (3)
- ENGL 414 - Fundamentals of Teaching Composition Credits: (3)
- ENGL 231 - The Interpretation of Literature Credits: (3)
- ENGL 319 - The Teaching of Grammar Credits: (3)
- or*
- ENGL 416 - Teaching English as a Second Language Credits: (3)

Select:

The remaining 3 hours of course work from any 200 level and above ENGL literature course. The following list of courses represent current and appropriate "200 level and above ENGL literature courses:"

- ENGL 240 - Research, Literary Criticism & British Literature Credits: (3).
- ENGL 241 - Formalism & American Literature Credits: (3)
- ENGL 242 - Cultural Studies & Non-Western World Literature Credits: (3)
- ENGL 333 - Introduction to Shakespeare Credits: (3)
- ENGL 350 - The Renaissance Credits: (3)
- ENGL 351 - The Beats, Radicals, and Avant-Garde Literature Credits: (3)
- ENGL 352 - The Journey in Literature Credits: (3)
- ENGL 353 - Stories Retold Credits: (3)
- ENGL 366 - Literature of American Immigration Credits: (3)
- ENGL 367 - Appalachian Literature Credits: (3)
- ENGL 368 - Film Genres Credits: (3, R6)
- ENGL 378 - Motion Picture Histories Credits: (3)
- ENGL 390 - The Bible as Literature Credits: (3)
- ENGL 394 - Film Adaptation Credits: (3, R6)
- ENGL 411 - History of the English Language Credits: (3)
- ENGL 420 - Chaucer and His Age Credits: (3)
- ENGL 421 - Fairy Tale Literature Credits: (3)
- ENGL 430 - English Literature of the Renaissance Credits: (3)
- ENGL 431 - Shakespeare and His Age Credits: (3)
- ENGL 440 - Milton and His Age Credits: (3)
- ENGL 441 - The Age of Pope, Swift, and Johnson Credits: (3)
- ENGL 450 - Major Writers Credits: (3, R6)
- ENGL 451 - Nineteenth-Century British Writers Credits: (3)
- ENGL 461 - The "Long 19th Century" in American Literature Credits: (3)
- ENGL 463 - Contemporary Literature Credits: (3)
- ENGL 464 - Native American Literature Credits: (3)
- ENGL 469 - Directors/Screenwriters/Stars Credits: 3, R6
- ENGL 470 - Twentieth-Century and Contemporary Postcolonial Literature Credits: (3)
- ENGL 471 - Studies in Poetry Credits: (3)
- ENGL 472 - Studies in Fiction Credits: (3)
- ENGL 473 - Studies in Drama Credits: (3)
- ENGL 475 - Modernism Credits: (3)
- ENGL 477 - Literature and Gender Credits: (3)
- ENGL 478 - Film Theory Credits: (3)
- ENGL 479 - Studies in Literature Credits: (3, R6)
- ENGL 480 - Studies in English Credits: (1-3, R6)

- ENGL 498 - Senior Seminar in English Credits: (3)
- ENGL 419 - Medieval Literature Credits: (3)
- ENGL 465 - Topics in African American Literature Credits: (3)

Mathematics: 24 hours

- EDMG 419 - Mathematics Methods Grades 6-9 Credits: (3)
- MATH 146 - Precalculus Credits: (4)
- MATH 170 - Applied Statistics Credits: (3)
- MATH 311 - Informal Geometry Credits: (3)
- MATH 321 - Theory of Arithmetic I Credits: (3)
- MATH 322 - Theory of Arithmetic II Credits: (3)

Select one of the following:

- MATH 140 - Introductory Calculus Credits: (5)
or
- MATH 153 - Calculus I Credits: (4)
(plus one hour elective)

Science: 25 hours

- AST 103 - The Solar System Credits: (3)
- BIOL 103 - Environmental Biology Credits: (3)
- BIOL 140 - Principles of Biology I Credits: (4)
(plus lab)
- CHEM 132 - Survey of Chemistry I Credits: (4)
(plus lab)
- EDMG 416 - Science Methods Grades 6-9 Credits: (3)
- GEOL 150 - Methods in Geology Credits: (4)
(plus lab)
- PHYS 130 - Introductory Physics I Credits: (4)
(plus lab)

Social Studies: 24 hours

- EDMG 417 - Social Studies Methods Grades 6-9 Credits: (3)
- HIST 222 - European History Since 1517 Credits: (3)
- HIST 341 - North Carolina History Credits: (3)
(meets upper level perspective requirement)

South America and Europe

Select two from the following:

- GEOG 350 - Economic Geography Credits: (3)
- HIST 327 - Modern Russia Credits: (3)
- PSC 215 - European Political Systems Credits: (3)
- PSC 219 - Latin American Political Systems Credits: (3)

Africa, Asia, and Australia

Select two from the following:

- ANTH 477 - Cultures of subSaharan Africa Credits: (3)
- GEOG 440 - Regional Geography Credits: (3, R12)
(Asian or African topic)
- GEOG 444 - Political Geography Credits: (3)
- HIST 373 - Modern Asia Credits: (3)
- HIST 375 - Middle East since Mohammed Credits: (3)
- HIST 411 - Western Imperialism, 1500 to the Present Credits: (3)
- PSC 216 - Politics of Developing Areas Credits: (3)
- PSC 317 - Politics of Asia Credits: (3)

World History

Select one from the following:

- ANTH 361 - World Prehistory Credits: (3)
- ANTH 363 - Human Origins Credits: (3)
- ANTH 431 - North American Prehistory Credits: (3)
- HIST 107 - World Cultures in Historical Perspective Credits: (3)
- HIST 182 - The Ancient Empires Credits: (3)
- HIST 311 - Ancient Greece and Rome Credits: (3)
- HIST 312 - The Heroic Age Credits: (3)
- HIST 313 - The High Middle Ages Credits: (3)
- HIST 317 - History of Twentieth-Century International Relations Credits: (3)

Professional Education Sequence (24 hours):

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- ELMG 484 - Supervised Internship I Credits: (3)
- ELMG 485 - Supervised Internship II Credits: (9)
- ELMG 495 - Seminar for Student Teachers Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)

Additional requirements:

No grade lower than C on all program requirements, including all courses with prefix of: EDMG, ELMG, EDRD, and courses in the middle grades areas of licensure will be accepted for graduation.

Visit the department's website at <http://www.wcu.edu/5406.asp> to view the 8 semester curriculum guide.

Music Education, B.S.Ed.

Total number of hours for the program: 128.

Students receiving the B.M. degree in Music with a concentration in Choral/General or Instrumental Music Education will also receive the B.S.Ed. degree in Music Education from the College of Education and Allied Professionals. For degree requirements, please see the listing under B.M. Music, Concentrations in Music Education.

Parks and Recreation Management, B.S.

Total number of hours for the program: 120.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major requires 43-45 hours as follows:

- PRM 250 - Foundations of Parks and Recreation Management Credits: (3)
- PRM 254 - Introduction to Outdoor Pursuits Education Credits: (4)
- PRM 270 - Leadership and Group Dynamics in Recreation Credits: (3)
- PRM 350 - University & Career Planning in PRM Credits: (1)
- PRM 361 - Program Planning and Evaluation in Parks and Recreation Management Credits: (4)
- PRM 370 - Internship Orientation Credits: (1)
- PRM 383 - Internship in Parks and Recreation Management Credits: (1, R3)
(mini-internships) (1 credit, repeat 3 times for a total of 3 credits)
- PRM 430 - Entrepreneurship and Commercial Recreation Credits: (3)
- PRM 433 - Outdoor Recreation Credits: (3)
- PRM 461 - Management and Administration of PRM Services Credits: (3)
- PRM 480 - Independent Study Credits: (3, R6)
- PRM 483 - Capstone Internship in Parks and Recreation Management Credits: (3, R6)
- PRM 495 - Senior Seminar in Parks and Recreation Management Credits: (1)
- RTH 250 - Inclusion and Recreation for People with Disabilities Credits: (3)

And Either

- HEAL 250 - First Aid and Safety Education Credits: (2)
or
- PRM 356 - Outdoor First Aid Credits: (4)

Electives

Electives, 33-35 hours of major and general electives approved by your advisor.

Admission criteria:

All requirements for admission to Parks and Recreation Management (PRM) must be met by the beginning of the semester following the semester in which the student submitted the application. The following are requirements for admission:

1. complete an essay after reviewing current PRM journals on reasons for becoming a PRM major;
2. complete a personal strategic plan with an adviser in which the plan should include involvement in professional activities as well as academic expectations;
3. earn (and maintain) a minimum cumulative GPA of 2.5 on hours attempted at WCU.

Visit the department's website at <http://www.wcu.edu/9094.asp> to view the 8 semester curriculum guide.

Professional Education Sequence (23 to 30 hours)

The teacher education program requires a professional education sequence of twenty-three to thirty semester hours in courses pertinent to teaching in specific licensure areas and at various levels. Admission to Teacher Education is required to take any course in the sequence, Except EDCI 201(or BK 250). All courses in the sequence except internship/students teaching and the internship/student-teaching seminar must be completed before admission to internship or student-teaching. The courses in the sequence are determined by the student's major:

Birth-Kindergarten (30 hours)

- BK 250 - Introduction to Birth-Kindergarten Credits: (3)
- BKSE 313 - Assessment of the Young Child Credits: (3)
- BKSE 345 - Adaptations and Modifications for Young Children with Disabilities Credits: (3)
- BK 482 - Internship I Credits: (6)
- BK 483 - Internship Credits: (10, R20)
- BK 496 - Internship Seminar Credits: (2, R4)

Elementary & Middle Grades Education (24 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 312 - Teaching Elementary Students with Learning Problems (K-6) Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)
- ELMG 484 - Supervised Internship I Credits: (3)
- ELMG 485 - Supervised Internship II Credits: (9)
- ELMG 495 - Seminar for Student Teachers Credits: (3)

Special Education (27 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 312 - Teaching Elementary Students with Learning Problems (K-6) Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)
- SPED 484 - Special Education Internship I Credits: (1-3)
- SPED 490 - Supervised Student Teaching Credits: (9)
- SPED 495 - Special Education Seminar Credits: (3)

Secondary Education:

English Education (27 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)
- ENGL 417 - Methods for Teaching English Credits: (3)
- ENGL 491 - Supervised Student Teaching in English, 9-12 Credits: (3)
- EDSE 484 - Supervised Internship I Credits: (1-3)
- EDSE 485 - Internship II Credits: (6)
- EDSE 495 - Seminar Credits: (3)

Mathematics Education (24 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)
- MATH 415 - Methods and Materials for Teaching Mathematics in the Secondary School Credits: (3)
- MATH 491 - Supervised Student Teaching in Mathematics, 9-12 Credits: (3)
- EDSE 490 - Supervised Student Teaching Credits: (6)
- EDSE 495 - Seminar Credits: (3)

Science Education (23 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)
- SCI 491 - Supervised Student Teaching in the Sciences, 9-12 Credits: (3)
- EDSE 322 - Principles and Methods of Teaching Credits: (2)
- EDSE 490 - Supervised Student Teaching Credits: (6)
- EDSE 495 - Seminar Credits: (3)

Social Science Education (27 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)
- HIST 405 - Methods for Teaching Social Sciences Credits: (3)
- HIST 491 - Supervised Student Teaching in Social Sciences, 9-12 Credits: (3)
- EDSE 484 - Supervised Internship I Credits: (1-3)
- EDSE 485 - Internship II Credits: (6)
- EDSE 495 - Seminar Credits: (3)

Special Subjects Teaching (K-12):

Art Education (24 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)
- ART 463 - Art Methods for the Middle and High School Credits: (3)
- ART 491 - Supervised Student Teaching in Art, K-12 Credits: (3)
- EDSE 490 - Supervised Student Teaching Credits: (6)
- EDSE 495 - Seminar Credits: (3)

Health and Physical Education (27 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)
- HPE 425 - Health and Physical Education Curriculum Development Credits: (3)

- HPE 488 - Physical Education Internship I:6-12 Credits: (3)
- HPE 489 - Health & Physical Education Internship II:K-8 Credits: (9)
- HPE 496 - The Healthful Living Teacher as Leader Credits: (3)

Music Education (24 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)
- MUS 326 - Instrumental Methods and Materials Credits: (3)
or
- MUS 327 - Choral Methods and Materials Credits: (3)
- MUS 491 - Supervised Student Teaching in Music, K-12 Credits: (3)
- EDSE 490 - Supervised Student Teaching Credits: (6)
- EDSE 495 - Seminar Credits: (3)

Spanish Education (26 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPAN 420 - Teaching Foreign Language Credits: (3)
- SPAN 491 - Student Teaching, 9-12 Credits: (3)
- EDSE 322 - Principles and Methods of Teaching Credits: (2)
- EDSE 490 - Supervised Student Teaching Credits: (6)
- EDSE 495 - Seminar Credits: (3)

Psychology, B.S.

Total number of hours for the program: 120.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major requires 39 hours as follows:

- PSY 150 - General Psychology Credits: (3)
- PSY 271 - Research Design and Data Analysis I Credits: (3)
- PSY 272 - Research Design and Data Analysis II Credits: (3)
- PSY 455 - History of Psychology Credits: (3)
- PSY 495 - Senior Seminar in Psychology Credits: (3)

Psychology electives:

Developmental Processes, 3 hours selected from:

- PSY 320 - Developmental Psychology I: Childhood Credits: (3)
- PSY 322 - Developmental Psychology II: Adolescence Credits: (3)

- PSY 325 - Developmental Psychology III: Adulthood Credits: (3)

Personality and Social Psychology, 3 hours selected from:

- PSY 309 - Social Psychology Credits: (3)
- PSY 430 - Personality Credits: (3)

Biological Bases of Behavior, 3 hours selected from:

- PSY 340 - Sensation and Perception Credits: (3)
- PSY 440 - Biological Psychology Credits: (3)
- PSY 448 - Human Neuropsychology Credits: (3)

Learning and Cognition, 3 hours selected from:

- PSY 444 - Cognitive Psychology Credits: (3)
- PSY 446 - Learning Credits: (3)

Applications in Psychology, 3 hours selected from:

- PSY 360 - Psychological Testing Credits: (3)
- PSY 363 - Behavioral Intervention Credits: (3)
- PSY 375 - Forensic Psychology Credits: (3)
- PSY 470 - Abnormal Psychology Credits: (3)
- PSY 474 - Child Psychopathology Credits: (3)
- PSY 475 - Introduction to Clinical and Counseling Psychology Credits: (3)
- PSY 483 - Internship in Psychology Credits: (3)

Other Psychology electives (Hours 9)

In addition

To completing 39 hours of PSY courses, psychology majors must also complete a second major, a minor, or another approved program. Must complete 120 hours for the degree.

Visit the department's website at <http://www.wcu.edu/3064.asp> to view the 8 semester curriculum guide.

Psychology, Minor

Total number of hours for the program: 18.

Minor Requirements

The minor requires 18 hours, including:

- PSY 150 - General Psychology Credits: (3)

And 15 hours of Psychology electives.

Science Education (Concentration in Biology), B.S.ED.

Total number of hours for the program: 128.

(9 credit hours taken in the major fulfill requirements in Liberal Studies.)

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Professional Education Sequence (23 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)
- EDSE 322 - Principles and Methods of Teaching Credits: (2)
- SCI 491 - Supervised Student Teaching in the Sciences, 9-12 Credits: (3)
- EDSE 490 - Supervised Student Teaching Credits: (6)
- EDSE 495 - Seminar Credits: (3)

Science and Math Requirements for Biology Concentration (65 hours)

The major requires 65 hours as follows:

- SCI 150 - Introduction to Secondary Science Education Credits: (1)
- SCI 301 - Nature & Science Credits: (3)
- SCI 422 - Principles and Methods of Science Education Credits: (3)
- MATH 146 - Precalculus Credits: (4)
- MATH 153 - Calculus I Credits: (4)
- BIOL 140 - Principles of Biology I Credits: (4)
- BIOL 141 - Principles of Biology II Credits: (4)
- CHEM 139 - General Chemistry I Credits: (4)
- CHEM 140 - Advanced General Chemistry Credits: (4)
- GEOL 150 - Methods in Geology Credits: (4)
- GEOL 155 - Historical Geology Credits: (4)
- PHYS 130 - Introductory Physics I Credits: (4)
- PHYS 131 - Introductory Physics II Credits: (4)
- BIOL 240 - Introduction to Genetics Credits: (4)
- BIOL 241 - Introduction to Ecology and Evolution Credits: (4)
- BIOL 306 - Evolutionary Biology Credits: (3)
- Approved upper-level science electives (4)

Capstone (3 hours)

- BIOL 480 - Research in Biology Credits: (1-3, R6)

Additional Requirements

7-16 hours of general electives are required to complete the program depending on the number of hours taken in Liberal Studies that also fulfill major requirements.

Science Education (Concentration in Chemistry), B.S.ED.

Total number of hours for the program: 120.

(9 credits taken in the major may also fulfill requirements in Liberal Studies)

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Professional Education Sequence (23 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)
- EDSE 322 - Principles and Methods of Teaching Credits: (2)
- SCI 491 - Supervised Student Teaching in the Sciences, 9-12 Credits: (3)
- EDSE 490 - Supervised Student Teaching Credits: (6)
- EDSE 495 - Seminar Credits: (3)

Science and Math Requirements for Chemistry Concentration (65 hours)

The major requires 64 hours as follows:

- SCI 150 - Introduction to Secondary Science Education Credits: (1)
- SCI 301 - Nature & Science Credits: (3)
- SCI 422 - Principles and Methods of Science Education Credits: (3)
- MATH 146 - Precalculus Credits: (4)
- MATH 153 - Calculus I Credits: (4)
- BIOL 140 - Principles of Biology I Credits: (4)
- BIOL 141 - Principles of Biology II Credits: (4)
- CHEM 139 - General Chemistry I Credits: (4)
- CHEM 140 - Advanced General Chemistry Credits: (4)
- GEOL 150 - Methods in Geology Credits: (4)
- GEOL 155 - Historical Geology Credits: (4)
- PHYS 230 - General Physics I Credits: (4)
- PHYS 231 - General Physics II Credits: (3-4) (3 required)
- CHEM 232 - Quantitative Analysis Credits: (4)
- CHEM 241 - Organic Chemistry I Credits: (3)
- CHEM 242 - Organic Chemistry II Credits: (3)
- CHEM 352 - Physical Chemistry I Credits: (3)
- Approved upper-level science electives (2)

Capstone (2 hours)

- CHEM 380 - Research in Chemistry Credits: (1-3,R12)

Additional Requirements

7-16 hours of general electives are required to complete the program depending on the number of hours taken in the major that also fulfill Liberal Studies requirements.

Science Education (Concentration in Earth Sciences), B.S.ED.

Total number of hours for the program: 128.

(9 credits taken as part of major may also fulfill Liberal Studies requirements.)

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Professional Education Sequence (23 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)
- EDSE 322 - Principles and Methods of Teaching Credits: (2)
- SCI 491 - Supervised Student Teaching in the Sciences, 9-12 Credits: (3)
- EDSE 490 - Supervised Student Teaching Credits: (6)
- EDSE 495 - Seminar Credits: (3)

Science and Math Requirements in Earth and Science Concentration (65 hours)

The major requires 65 hours as follows:

- SCI 150 - Introduction to Secondary Science Education Credits: (1)
- SCI 301 - Nature & Science Credits: (3)
- SCI 422 - Principles and Methods of Science Education Credits: (3)
- MATH 146 - Precalculus Credits: (4)
- MATH 153 - Calculus I Credits: (4)
- or*
- MATH 170 - Applied Statistics Credits: (3)
- BIOL 140 - Principles of Biology I Credits: (4)
- BIOL 141 - Principles of Biology II Credits: (4)
- CHEM 139 - General Chemistry I Credits: (4)
- CHEM 140 - Advanced General Chemistry Credits: (4)
- GEOL 150 - Methods in Geology Credits: (4)
- GEOL 155 - Historical Geology Credits: (4)
- PHYS 130 - Introductory Physics I Credits: (4)
- PHYS 131 - Introductory Physics II Credits: (4)
- AST 103 - The Solar System Credits: (3)
- or*
- AST 104 - Cosmic Evolution Credits: (3)
- GEOG 300 - Weather and Climate Credits: (4)
- GEOL 302 - Geomorphology Credits: (4)
- or*
- GEOL 305 - Soils and Hydrology Credits: (4)
- Approved Geology 200 or higher level electives (3)

- Approved upper-level science electives (1-2)

Capstone (3 hours)

- GEOL 393 - Special Problems in Geology Credits: (1-4, R6)
or
- GEOL 495 - Senior Seminar in Geology Credits: (3)

Additional Requirements

7-16 hours of general electives are required to complete the program depending on the number of hours taken in the major that also fulfill Liberal Studies requirements.

Visit the department's website at <http://www.wcu.edu/as/GeosciencesNRM/index.html> to view the 8 semester curriculum guide.

Science Education (Concentration in Physics), B.S.ED.

Total number of hours for the program: 128.

(9 credits taken as part of major may also fulfill Liberal Studies requirements.)

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Professional Education Sequence (23 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)
- EDSE 322 - Principles and Methods of Teaching Credits: (2)
- SCI 491 - Supervised Student Teaching in the Sciences, 9-12 Credits: (3)
- EDSE 490 - Supervised Student Teaching Credits: (6)
- EDSE 495 - Seminar Credits: (3)

Science and Math Requirements for Physics Concentration (65 hours)

The major requires 65 hours as follows:

- SCI 150 - Introduction to Secondary Science Education Credits: (1)
- SCI 301 - Nature & Science Credits: (3)
- SCI 422 - Principles and Methods of Science Education Credits: (3)
- MATH 146 - Precalculus Credits: (4)
- MATH 153 - Calculus I Credits: (4)
- BIOL 140 - Principles of Biology I Credits: (4)
- BIOL 141 - Principles of Biology II Credits: (4)
- CHEM 139 - General Chemistry I Credits: (4)
- CHEM 140 - Advanced General Chemistry Credits: (4)
- GEOL 150 - Methods in Geology Credits: (4)

- GEOL 155 - Historical Geology Credits: (4)
- PHYS 230 - General Physics I Credits: (4)
- PHYS 231 - General Physics II Credits: (3-4)
- PHYS 310 - Modern Physics Credits: (3)
- PHYS 322 - Optics Credits: (3)
- PHYS 325 - Thermodynamics Credits: (3)
- *or*
- CHEM 352 - Physical Chemistry I Credits: (3)
- MATH 255 - Calculus II Credits: (4)
- PHYS 360 - Laboratory Physics Credits: (2)

Capstone (3 hours)

- PHYS 380 - Research in Physics Credits: (1-3, R12)

Additional Requirements

7-16 hours of general electives are required to complete the program depending on the number of hours taken in the major that also fulfill Liberal Studies requirements.

Visit the department's website at <http://www.wcu.edu/4409.asp> to view the 8 semester curriculum guide.

Secondary and Special Subject Teaching, B.S.ED.

Total number of hours for the program: 120-128.

Major Requirements

Degree requirements are as specified for the respective degree programs in the appropriate departmental sections of this catalog.

The subject areas in which majors are available are:

Secondary Teaching (grades 9-12)

- Comprehensive Science
- English
- Mathematics
- Social Sciences

Special Subject Teaching (grades K-12)

- Art
- Physical Education Spanish
- Music
- (General)

Students holding a degree other than a Bachelor of Science in Education may be admitted to the teacher education program and earn teacher licensure. Consult your adviser or department head. You may also contact the licensure specialist in the College of Education and Allied Professions to learn more about alternative routes to teacher licensure.

Additional Information

Visit the applicable departments' websites to view the 8 semester curriculum guide.

Social Sciences, B.S.ED.

Total number of hours for the program: 128.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Professional Education Sequence Core (25 or 27 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- EDSE 484 - Supervised Internship I Credits: (1-3)
- EDSE 485 - Internship II Credits: (6)
- EDSE 495 - Seminar Credits: (3)
- HIST 405 - Methods for Teaching Social Sciences Credits: (3)
- HIST 491 - Supervised Student Teaching in Social Sciences, 9-12 Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)

Major Requirements for Social Science (29 hours)

All Social Science B.S.Ed. students pursue a double degree (Social Sciences and History).

I. Modern Foreign Languages: 3 Hours

- MFL 102- Modern Foreign Language Credits: (3)

II. Methods (8 hours)

- HIST 310 - Teaching World History Credits: (1)
- HIST 395 - Building a Democratic Classroom Credits: (3)
- HIST 405 - Methods for Teaching Social Sciences Credits: (3)
- PSC 406 - Teaching Civics and Economics Credits: (1)

III. Social Science Courses (18 hours)

- GEOG 350 - Economic Geography Credits: (3)
or
- GEOG 440 - Regional Geography Credits: (3, R12)
- ECON 231 - Introductory Microeconomics and Social Issues Credits: (3)
or
- ECON 232 - Introductory Macroeconomics and Social Issues Credits: (3)
PSC Upper Division Electives (12 hours) from the following:
- PSC 303 - State and Local Government Credits: (3)
- PSC 305 - Congress Credits: (3)
- PSC 306 - American Presidency Credits: (3)
- PSC 310 - Constitutional Law: Structure and Powers Credits: (3)

- PSC 347 - American Social and Political Eras Credits: (3)

Additional Requirements

Students must have a 3.0 GPA in both degrees, excluding the Professional Education Sequence and Liberal Studies.

Students must achieve a C or better in HIST 395 to take HIST 405.

Students must complete a two semester internship.

Students seeking licensure must enroll simultaneously and complete the BSEd and the BS or BA in History.

No grade lower than a C in courses in either major will count toward the degrees.

Spanish, B.S.ED.

Total number of hours in the program: 128.

It is strongly recommended that students who choose to major in a foreign language meet part of this requirement by taking a course in a different language.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Professional Education Sequence (26 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- EDSE 322 - Principles and Methods of Teaching Credits: (2)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)
- SPAN 420 - Teaching Foreign Language Credits: (3)
- EDSE 490 - Supervised Student Teaching Credits: (6)
- EDSE 495 - Seminar Credits: (3)
- SPAN 491 - Student Teaching, 9-12 Credits: (3)

Major Requirements

The major requires 33 hours above SPAN 102.

SPAN 101 and 102 are not part of the major, but a preparation for it. The BSEd requires 33 credit hours above 102, distributed as follows: Basic Sequence (6hours), Core (15 hours) + 4 electives (12 hours). The BSEd in Spanish requires enrollment in the BA in Spanish.

Preparatory Core (6 hours)

- SPAN 101 - Experiencing Spanish and the Spanish-Speaking World Credits: (3)
- SPAN 102 - Experiencing Spanish and the Spanish-Speaking World II Credits: (3)

Basic Sequence (6 hours)

- SPAN 231 - Intermediate Spanish I Credits: (3) (emphasis on conversation and writing)
- SPAN 232 - Intermediate Spanish II Credits: (3) or (emphasis on conversation and writing)
- SPAN 240 - Accelerated Second-Year Spanish Credits: (6)

Core (15 hours to choose among the following)

- SPAN 301 - Spanish Conversation & Composition Credits: (3)
- SPAN 321 - Hispanic Culture Credits: (3)
- SPAN 331 - Literature of Spain Credits: (3)
- SPAN 332 - North American & Caribbean Literature in Spanish Credits: (3)
- SPAN 333 - South American Literature in Spanish Credits: (3)
- WLL 311 - Introduction to Linguistics Credits: (3)

Electives (12 hours from the following)

- SPAN 411 - National Identity in Literature and the Arts in the Spanish-Speaking World Credits: (3)
- SPAN 421 - The Feminine in Hispanic Literature Credits: (3)
- SPAN 433 - Writing from the Margins: Literature of Dissent and Protest in the Spanish-Speaking World Credits: (3)
- SPAN 441 - Laughter and Tears Credits: (3)
- SPAN 461 - Spanish Phonetics, Morphology and Syntax Credits: (3)
- SPAN 471 - The Art of Translation Credits: (3)
- SPAN 481 - Independent Studies in Spanish Credits: (1-3, R6)
- SPAN 493 - Special Topics in Spanish Credits: (3, R9)

Additional requirements

Immersion Requirement: Language majors are required to fulfill an Immersion Requirement through participation in a study abroad program or a travel course in a country of the target language. No more than 15 credit hours transferred from a foreign institution can be applied towards the major. Alternatively, residence in the Spanish House can be used to fulfill the Immersion Requirement. Other options can be approved at the student's request in consultation with a sponsoring faculty member and with the Department Head's approval.

General electives (24 hours) are required to complete the program. At least 32 hours of the courses taken at Western Carolina University must be at the junior-senior level to meet one of the general university degree requirements. Students must maintain a minimum 2.75 GPA in the major, and no grade below a C (2.0) for any required course in the major will be accepted.

Visit the department's website at <http://www.wcu.edu/as/MFL/> to view the 8 semester curriculum guide.

Special Education, Minor

Total number of hours for the program: 18.

Minor Requirements

The minor in special education requires 18 hours, including:

- SPED 240 - The Exceptional Child Credits: (3)
- SPED 310 - Assessment for Instruction Credits: (3)
- SPED 401 - Exceptional Learners in the General Curriculum Credits: (3)

- SPED 405 - Exceptional Learners in the General Curriculum II Credits: (3)

And 6 hours of guided electives

Teacher Education Program

Admission and retention policies in teacher education programs are based on the standards and guidelines of the State of North Carolina and the National Council for Accreditation of Teacher Education (NCATE). Approved institutions must have established procedures for implementing decisions regarding admission to and retention in teacher education programs. The state and NCATE guidelines require continuous evaluation of students admitted to teacher education programs and states that those found unlikely to succeed as teachers should be withdrawn.

Conceptual Framework for the Professional Education Program

The professional education program at Western Carolina University fulfills its mission by creating and nourishing a community of learners guided by knowledge, values, and experiences. The guiding principles of this community include the belief that the best educational decisions are made after adequate reflection and with careful consideration of the interests, experiences, and welfare of the persons affected by the decisions; appreciation of and respect for diversity; and the fostering of the responsible use of technology.

Second Academic Concentration

A second academic concentration is an eighteen hour course of study in an academic discipline required of education students enrolled in a B.S.Ed. program in elementary education. The concentration areas available are the following: art, biology, , English, health promotion and wellness, history, mathematics, natural science, psychology, sociology, and Spanish.

Second Academic Concentrations

(18 Hours must be completed for each concentration)

Please select one of the following:

1. Art Hours: 18

Required courses:

- ART 131 - Introductory Drawing Credits: (3)
- ART 137 - Art History Survey II Credits: (3)

Students must choose either a 2D or 3D concentration:

2D Concentration includes

- ART 132 - Two-Dimensional Design Credits: (3)

Plus an additional 9 hours chosen from:

Painting, drawing, printmaking, photography or book arts courses.

3D Concentration includes

- ART 142 - Three-Dimensional Design Credits: (3)

Plus an additional 9 hours chosen from:

Ceramics or sculpture courses.

2. English Hours: 18

Required courses:

- ENGL 231 - The Interpretation of Literature Credits: (3)
- ENGL 312 - Grammar for Teachers Credits: (3)
- ENGL 319 - The Teaching of Grammar Credits: (3)
- or*
- ENGL 416 - Teaching English as a Second Language Credits: (3)

Select 9 hours from:

- ENGL 240 - Research, Literary Criticism & British Literature Credits: (3).
- ENGL 241 - Formalism & American Literature Credits: (3)
- ENGL 242 - Cultural Studies & Non-Western World Literature Credits: (3)
- ENGL 333 - Introduction to Shakespeare Credits: (3)
- ENGL 350 - The Renaissance Credits: (3)
- ENGL 351 - The Beats, Radicals, and Avant-Garde Literature Credits: (3)
- ENGL 352 - The Journey in Literature Credits: (3)
- ENGL 353 - Stories Retold Credits: (3)
- ENGL 366 - Literature of American Immigration Credits: (3)
- ENGL 367 - Appalachian Literature Credits: (3)
- ENGL 368 - Film Genres Credits: (3, R6)
- ENGL 378 - Motion Picture Histories Credits: (3)
- ENGL 390 - The Bible as Literature Credits: (3)
- ENGL 394 - Film Adaptation Credits: (3, R6)
- ENGL 411 - History of the English Language Credits: (3)
- ENGL 420 - Chaucer and His Age Credits: (3)
- ENGL 421 - Fairy Tale Literature Credits: (3)
- ENGL 430 - English Literature of the Renaissance Credits: (3)
- ENGL 431 - Shakespeare and His Age Credits: (3)
- ENGL 440 - Milton and His Age Credits: (3)
- ENGL 441 - The Age of Pope, Swift, and Johnson Credits: (3)
- ENGL 450 - Major Writers Credits: (3, R6)
- ENGL 451 - Nineteenth-Century British Writers Credits: (3)
- ENGL 463 - Contemporary Literature Credits: (3)
- ENGL 464 - Native American Literature Credits: (3)
- ENGL 465 - Topics in African American Literature Credits: (3)
- ENGL 469 - Directors/Screenwriters/Stars Credits: 3, R6
- ENGL 470 - Twentieth-Century and Contemporary Postcolonial Literature Credits: (3)
- ENGL 471 - Studies in Poetry Credits: (3)

- ENGL 472 - Studies in Fiction Credits: (3)
- ENGL 473 - Studies in Drama Credits: (3)
- ENGL 475 - Modernism Credits: (3)
- ENGL 477 - Literature and Gender Credits: (3)
- ENGL 478 - Film Theory Credits: (3)
- ENGL 479 - Studies in Literature Credits: (3, R6)
- ENGL 480 - Studies in English Credits: (1-3, R6)
- ENGL 496 - Seminar in World Literature Credits: (3)

3. Health Promotion and Wellness Hours: 18

Required courses:

- HPE 312 - Health Education Pedagogy Credits: (3)
- HPE 350 - Current Health Problems Credits: (3)
- HPE 360 - Sexual Health Throughout the Lifespan Credits: (3)
- HPE 358 - Healthy Living Concepts Credits: (3)
- or*
- ND 330 - Human Nutritional Needs Credits: (3)

Additional courses:

Select 6 hours from:

- ATTR 150 - Introduction to Athletic Training Credits: (3) (2 Lecture, 1 Lab)
- COUN 325 - Survey of Human Development Credits: (3)
- ENVH 230 - Introduction to Environmental Health Science Credits: (3)
- HPE 355 - Fitness Concepts Credits: (3)
- HPE 325 - Pedagogy & Prevention of Risky Behaviors K-12 Credits: (3)
- HPE 255 - Mental and Emotional Health for Teachers and Their Students Credits: (3)
- PE 240 - Care and Prevention of Athletic Injuries Credits: (3)
- PE 365 - Physical Activity and Aging Credits: (3)
- PE 375 - Psychological Aspects of Physical Activity Credits: (3)
- PSY 331 - Human Sexuality Credits: (3)
- PSY 426 - Death and Dying Credits: (3)
- SOC 365 - Marriage and Family Credits: (3)

Note:

Selecting HEAL 250 and or PE 255 will result in 19 hours in the SAC. Students may take either SM 213 or HSCC 150.

4. History Hours: 18

Required courses:

- HIST 231 - American History to 1865 Credits: (3)
- HIST 232 - American History Since 1865 Credits: (3)

Additional courses:

Select 12 hours of junior-senior level history courses.

5. Mathematics Hours: 18

Required courses:

- MATH 146 - Precalculus Credits: (4)
- MATH 170 - Applied Statistics Credits: (3)
or
- MATH 270 - Statistical Methods I Credits: (3)
- MATH 311 - Informal Geometry Credits: (3)

And Either

- MATH 140 - Introductory Calculus Credits: (5)
or
- MATH 153 - Calculus I Credits: (4)

Students majoring in middle grades education must also complete:

- MATH 322 - Theory of Arithmetic II Credits: (3)

Elective courses:

The following elective courses or other courses approved by the Head of the Department of Mathematics and Computer Science to complete a minimum of 18 hours.

- MATH 250 - Introduction to Logic and Proof Credits: (3)
- MATH 255 - Calculus II Credits: (4)
- MATH 300 - Problem Solving Credits: (3)
- MATH 301 - History of the Scientific Revolution Credits: (3)
- MATH 400 - History of Mathematics Credits: (3)

6. Natural Science Hours: 18

Required courses:

- BIOL 140 - Principles of Biology I Credits: (4)
- CHEM 132 - Survey of Chemistry I Credits: (4)
- GEOL 150 - Methods in Geology Credits: (4)
- PHYS 130 - Introductory Physics I Credits: (4)

Additional courses:

Select 2 hours from any AST, BIOL, CHEM, GEOL, or PHYS course not counted for Liberal Studies.

7. Psychology Hours: 18

Required course:

- PSY 150 - General Psychology Credits: (3)

Additional Courses:

Select any 15 hours of PSY courses.

8. Sociology Hours: 18**Required courses:**

- SOC 103 - Human Society Credits: (3)

Additional courses:

Select 15 hours from any 200-level and above sociology course.

9. Spanish Hours: 18**Required courses:**

- SPAN 102 - Experiencing Spanish and the Spanish-Speaking World II Credits: (3)
or equivalent
- SPAN 231 - Intermediate Spanish I Credits: (3)
and
- SPAN 232 - Intermediate Spanish II Credits: (3)
or
- SPAN 240 - Accelerated Second-Year Spanish Credits: (6)
or equivalent
- SPAN 301 - Spanish Conversation & Composition Credits: (3)
and
- SPAN 302 - Topics of the Hispanic World II Credits: (3)

Additional courses:

Select 3 additional hours from upper level Spanish courses.

Course Requirements in the Program

The teacher education program requires a professional education sequence of twenty-three (23) to thirty (30) semester hours in courses pertinent to teaching in specific licensure areas and at various levels. All courses in the sequence except internship/student teaching and the internship/student-teaching seminar must be completed before admission to internship or student teaching. The courses in the sequence are determined by the student's major:

Birth-Kindergarten (30 hours)

- BK 250 - Introduction to Birth-Kindergarten Credits: (3)
- BK 482 - Internship I Credits: (6)
- BK 483 - Internship Credits: (10, R20)
- BK 496 - Internship Seminar Credits: (2, R4)
- BKSE 313 - Assessment of the Young Child Credits: (3)
- BKSE 345 - Adaptations and Modifications for Young Children with Disabilities Credits: (3)

Elementary and Middle Grades (24 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)
- ELMG 484 - Supervised Internship I Credits: (3)
- ELMG 485 - Supervised Internship II Credits: (9)
- ELMG 495 - Seminar for Student Teachers Credits: (3)

Special Education (27 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 312 - Teaching Elementary Students with Learning Problems (K-6) Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)
- SPED 484 - Special Education Internship I Credits: (1-3)
- SPED 490 - Supervised Student Teaching Credits: (9)
- SPED 495 - Special Education Seminar Credits: (3)

Secondary Education:

English Education (27 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)
- ENGL 417 - Methods for Teaching English Credits: (3)
- ENGL 491 - Supervised Student Teaching in English, 9-12 Credits: (3)
- EDSE 484 - Supervised Internship I Credits: (1-3)
- EDSE 485 - Internship II Credits: (6)
- EDSE 495 - Seminar Credits: (3)

Mathematics Education (24 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)
- MATH 415 - Methods and Materials for Teaching Mathematics in the Secondary School Credits: (3)
- MATH 491 - Supervised Student Teaching in Mathematics, 9-12 Credits: (3)
- EDSE 490 - Supervised Student Teaching Credits: (6)
- EDSE 495 - Seminar Credits: (3)

Science Education (23 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)
- SCI 491 - Supervised Student Teaching in the Sciences, 9-12 Credits: (3)
- EDSE 322 - Principles and Methods of Teaching Credits: (2)

- EDSE 490 - Supervised Student Teaching Credits: (6)
- EDSE 495 - Seminar Credits: (3)

Social Science Education (27 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)
- HIST 405 - Methods for Teaching Social Sciences Credits: (3)
- HIST 491 - Supervised Student Teaching in Social Sciences, 9-12 Credits: (3)
- EDSE 484 - Supervised Internship I Credits: (1-3)
- EDSE 485 - Internship II Credits: (6)
- EDSE 495 - Seminar Credits: (3)

Special Subjects Teaching (K-12):

Art Education (42 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)
- ART 463 - Art Methods for the Middle and High School Credits: (3)
- ART 491 - Supervised Student Teaching in Art, K-12 Credits: (3)
- EDSE 490 - Supervised Student Teaching Credits: (6)
- EDSE 495 - Seminar Credits: (3)

Health and Physical Education (27 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)
- HPE 425 - Health and Physical Education Curriculum Development Credits: (3)
- HPE 488 - Physical Education Internship I:6-12 Credits: (3)
- HPE 489 - Health & Physical Education Internship II:K-8 Credits: (9)
- HPE 496 - The Healthful Living Teacher as Leader Credits: (3)

Music Education (24 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)
- MUS 326 - Instrumental Methods and Materials Credits: (3)
- or*
- MUS 327 - Choral Methods and Materials Credits: (3)
- MUS 491 - Supervised Student Teaching in Music, K-12 Credits: (3)
- EDSE 490 - Supervised Student Teaching Credits: (6)
- EDSE 495 - Seminar Credits: (3)

Spanish Education (26 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)
- SPAN 420 - Teaching Foreign Language Credits: (3)
- SPAN 491 - Student Teaching, 9-12 Credits: (3)
- EDSE 322 - Principles and Methods of Teaching Credits: (2)
- EDSE 490 - Supervised Student Teaching Credits: (6)
- EDSE 495 - Seminar Credits: (3)

17. Theatre Hours: 18

Required courses:

- THEA 131 - Introduction to Professions Credits: (3)
- THEA 140 - Acting I Credits: (3)
- THEA 231 - Stagecrafts for Stage and Screen (Scenic/Lighting) Credits: (3)
- THEA 350 - Directing I Credits: (3)
- THEA 400 - History of the Theatre I Credits: (3)
- or*
- THEA 401 - History of the Theatre II Credits: (3)

Admission to the Teacher Education Program

Acceptance and registration in a department do not guarantee admission to the teacher education program in that department. A student is not officially in a teacher education program until approved by the Professional Education Council. The applicant's fitness for teaching in the chosen area is determined on the basis of demonstrated academic ability and other personal characteristics conducive to effective teaching. A student may be considered suitable in one area and unsuitable in another. Students with speech defects that will interfere with successful teaching may be required to take corrective therapy.

Students who plan to receive a degree in education or a license through Western Carolina University must apply for and be officially admitted to a teacher education program. Admission to teacher education requires an application that should be completed during the semester in which the student is enrolled in EDCI 201 (BK 250 for BK majors) a prerequisite to all other courses in the professional education sequence that may be taken before being fully admitted to teacher education. Applications are available online in the Teacher Education Handbook <http://thehandbook.wcu.edu> or <http://www.wcu.edu/3120.asp>.

Visit the department's website at <http://www.wcu.edu/3036.asp> for additional information.

Admission Criteria

All requirements for admission to teacher education should be met by the end of the semester the student is enrolled in EDCI 201 (BK 250 for BK majors). The following criteria are minimum requirements for admission:

1. Completed at least 30 hours (which can also include transfer hours);
2. Earned a C (2.0) or higher grade in EDCI 201 (BK 250 for BK majors), ENGL 101. NOTE: Earning a C (2.0) or higher grade in ENGL 202 is required before beginning Internship 1 or student teaching);
3. Earned (and then maintain) a minimum cumulative GPA of 2.5 (2.75 for students in Birth-Kindergarten, Elementary Education, Health and Physical Education, and Middle Education);
4. Achieved the minimum required scores on the SAT, ACT or Pre-Professional Skills Test Praxis I (Reading, Writing, Mathematics);
5. Complete the M5-336 Dispositions Scale via [TaskStream](#);

6. Complete the Professional Beliefs About Diversity Scale via [TaskStream](#);
7. Submitted the application for Admission to Teacher Education.

Applicants already holding non-teacher education degrees and/or seeking a teaching license must meet all of the above requirements except they are not required to take the PPST. (Applicants to the B-K program without a teaching license must earn minimum scores on the PPST). They must have had a minimum cumulative GPA of 2.75 at the time of graduation. Applicants with non-teaching degrees from accredited institutions without cumulative GPA of at least 2.5 have two options:

1. The student is eligible to apply for admission to a licensure-only or a second-degree program no sooner than three calendar years after receipt of the baccalaureate degree. Or
2. The student is eligible to apply with passing scores on Praxis I tests and one of the following:
 - a GPA of 3.0 in the major field of study;
 - a GPA of 3.0 on all work completed in the senior year; or
 - a GPA of 3.0 on a minimum of 15 semester hours of course work (relative to licensure) completed during the preceding five years.

Students must have maintained satisfactory conduct and citizenship records which are in keeping with the ethics of the teaching profession. A student who is readmitted to the university after dismissal, suspension, or expulsion will not be readmitted to the teacher education program the first term after returning. Applicants with a record of legal offenses may not be eligible for admission to teacher education.

Applications for admission to teacher education are considered and acted upon by the Professional Education Council.

Continuation in the Teacher Education Program

The requirements for continuing in the program are (1) a GPA of at least 2.5 on hours attempted (2.75 for students in Birth-Kindergarten, Elementary Education, Health and Physical Education, and Middle Grades Education), (2) behavior which adheres to the code of ethics of the profession, and (3) satisfactory participation in the required professional laboratory program that is prerequisite to student teaching. An evaluation of each field experience assignment will become a part of the student's professional record.

If a student fails two courses or any one course in the professional education sequence twice, the student is withdrawn from teacher education.

Clinical and Field Experience for Professional Education

The teacher education program requires field experiences in conjunction with several courses in addition to the intern/student-teaching requirement. Students are expected to make their own arrangements for transportation and housing and absorb the costs related to field experiences and internship or student teaching. Each program has different requirements, and students should discuss costs with the program head prior to applying for admission to the teacher education program. The goal of professional education clinical and field experiences is to help teacher education students learn to teach **all** of their pupils to achieve at high levels of performance. Although each field experience requirement has its own specific purpose and placement procedures, the strategies to achieve this goal are stated below:

1. Field experience placements are made so that students have the opportunity to work with qualified educators in successful programs.
2. Field experience placements are made so that students have the opportunity to work with diverse learners. Teacher education students are required to complete one field experience in a diverse setting, as defined by the College of Education and Allied Professions. Students who do not complete one of the early field experience requirements in a diverse setting must be placed in a diverse setting for the internship or student teaching semester.
3. Field experiences placements are made in collaboration with B-12 school personnel.
4. Field experience placements are made to facilitate appropriate supervision of students.
5. There may be times where the student can combine early field experience placements to meet multiple course requirements. This is approved for no more than two classes.

Admission to Student Teaching/Internship

Students apply to the director of field experiences early in the semester prior to the semester in which student teaching/internship is to be done. The requirements for admission to student teaching/internship are: (1) completion of at least 39 of 42 hours required for Liberal Studies, (2) enrollment in the professional education sequence for at least two semesters, (3) completion of at least ninety hours in a teacher education curriculum, (4) a GPA of 2.5 or above, both at the beginning of the term immediately preceding the student teaching/internship term and at the time of enrollment in student teaching/internship (2.75 GPA required for birth-kindergarten, elementary education, health and physical education, and middle grades majors), (5) completion of at least two-thirds of the major, (6) completion of all records designated by the director of field experiences, (7) completion of the applicable professional education sequence except for student teaching/internship and the student teaching/internship seminar, (8) completion of an approved SBI background check, (9) completion of student teaching/internship application including recommendation by adviser and department head, and (10) all other requirements from the school placement as applicable.

Continuation in Student Teaching/Internship

To continue in student teaching/internship, students must maintain satisfactory professional conduct and adhere to the policies and regulations of the school to which they are assigned. When recommended by the director of field experiences and approved by the dean, students failing to perform at a satisfactory level may be removed from student teaching/internship. Removal from a school placement is considered a failed internship. The Office of Field Experiences under no obligation place the student in another setting. Removal from a school placement will result in a grade no higher than a D.

Requirements for Teacher Licensure

To be eligible for an initial or "A" level North Carolina teacher license, a student must (1) complete one of the approved teacher-education programs, (2) achieve a minimum grade of C (2.0) in internship or student teaching, (3) receive a public school recommendation indicating that student teaching was successful, (4) receive a satisfactory recommendation by meeting all competencies on the Certification of Teaching Capacity document completed after internship/student teaching, (5) complete application for licensure and file with the licensure specialist of the College of Education and Allied Professions, (6) achieve the minimum score on the PRAXIS II test if applicable, (7) receive a professional recommendation for Initial "A" level license by the dean of the College of Education and Allied Professions, and (8) pay the license fee required by the Department of Public Education for the issuance of a teacher license.

North Carolina Teaching Fellows

North Carolina Teaching Fellows must complete requirements in addition to those for regular teacher education students.

College of Fine and Performing Arts

Office Info: 392 Belk Building/Main Campus (828) 227-7028

Website

Robert Kehrberg, Dean John T. West, Associate Dean

The role of the College of Fine and Performing Arts is to implement the University's mission through exploration of a broad range of human culture and knowledge through great experiences in the arts.

The mission of the College is to strengthen and expand the intellectual and cultural horizons of the university and the larger community by providing a creative learning environment in the arts. The College is responsible to the Provost and is organized into the following units: the School of Art and Design, the School of Music, the School of Stage and Screen, the John W. Bardo Fine and Performing Arts Center Fine Art Museum and Performance Halls.

The College of Fine and Performing Arts is the creative showcase for the university. Through its dedication to excellence and the integration of teaching, scholarship and service by its faculty, the College offers a wide variety of educational and cultural opportunities to the campus and the region. Through design, musical performances, theatre, dance, motion pictures, videos and the visual arts, the College is a unique and highly visible source of cultural enrichment.

Of primary importance in the College is the teaching/learning process that takes place in classrooms, studios, rehearsal halls, theatres and field locations which engages students, staff and faculty in a common effort to provide an environment where intellectual challenges, the free exchange of ideas, and high standards of scholarship and creativity prevail to provide great experiences for our various constituencies. The fine arts programs hold national accreditation by the National Association of Schools of Art and Design (NASAD), Council for Interior Design Accreditation (CIDA), National Association of Schools of Theatre (NAST), National Association of Schools of Music (NASM) and the American Association of Museums (AAM – pending).

Art, B.A.

Total number of hours for program: 120.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

- Modern Foreign Language Credits: (6)*
- ART 131 - Introductory Drawing Credits: (3)
 - ART 132 - Two-Dimensional Design Credits: (3)
 - ART 136 - Art History Survey I Credits: (3)
 - ART 137 - Art History Survey II Credits: (3)
 - ART 141 - Life Drawing I Credits: (3, R6)
 - ART 142 - Three-Dimensional Design Credits: (3)
 - ART 416 - Contemporary Art Credits: (3)
 - PAR 310 - Philosophy of Art Credits: (3)
- The major requires 18 additional hours of ART courses, at least 12 hours of which must be at the junior-senior level.*

Additional Requirements

To complete the program, a total of 30 hours is required, including a second major, minor, or other approved program and general electives. At least 32 hours taken at WCU must be at the junior-senior level to meet one of the general university degree requirements. Students must earn a grade of C or better in each art course in the major.

Visit the department's website at <http://www.wcu.edu/3313.asp> to view the 8 semester curriculum guide.

Art, B.F.A.

Total number of hours for the Program: 128.

To continue in the program, students must earn a grade of C or better in each course in the major.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Studio Foundations (24 hours)

- ART 131 - Introductory Drawing Credits: (3)
- ART 132 - Two-Dimensional Design Credits: (3)
- ART 136 - Art History Survey I Credits: (3)
- ART 137 - Art History Survey II Credits: (3)
- ART 141 - Life Drawing I Credits: (3, R6)
- ART 142 - Three-Dimensional Design Credits: (3)
- ART 416 - Contemporary Art Credits: (3)
- PAR 310 - Philosophy of Art Credits: (3)

Exploratory Studio Electives (21 hours)

21 hours selected from:

200 level Introductory ART studio courses.

Emphasis (30 hours)

Choose Graphic Design or Studio.

Studio

Additional hours of studio courses at the junior-senior level taken in areas such as Ceramics, Photography, Painting and Drawing, Books Arts and Printmaking, and Sculpture.

Graphic Design

- ART 270 - Communication Design Credits: (3)
- ART 271 - Interactive Media Credits: (3)
- ART 371 - Graphic Design I Credits: (3)
- ART 374 - Typography I Credits: (3)
- ART 460 - Motion Graphics I Credits: (3)
- ART 471 - Graphic Design II Credits: (3)

- ART 474 - Portfolio Credits: (3)
- ART 475 - Typography II Credits: (3, R6)
- ART 479 - Motion Graphics II Credits: (3, R6)
- ART 483 - Art Internship Credits: (3)

Art History (6 hours)

Art History (6 hours) at the junior-senior level selected from:

- ART 401 - Art of World Cultures Credits: (3)
- ART 404 - Greco Roman Art Credits: (3)
- ART 405 - History of Photography Credits: (3)
- ART 406 - Renaissance Art Credits: (3)
- ART 412 - Nineteenth-Century Painting Credits: (3)
- ART 417 - Modern Sculpture Credits: (3)
- ART 418 - Development of Modern Art: Painting, Sculpture, and Architecture Credits: (3)
- ART 419 - History of Design Credits: (3)
- ART 420 - Intermedia in Contemporary Culture Credits: (3)
- ART 482 - Independent Study in Art History Credits: (1-6, R6)
- ART 379 - Cherokee Arts and Crafts Credits: (3)

General Electives (5 hours)

General Electives (5 hours) are required to complete the program.

Art Education Emphasis (47 hours)

Professional Education Sequence (24 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)
- ART 463 - Art Methods for the Middle and High School Credits: (3)
- EDSE 490 - Supervised Student Teaching Credits: (6)
- EDSE 495 - Seminar Credits: (3)
- ART 491 - Supervised Student Teaching in Art, K-12 Credits: (3)

Art Electives (9 hours)

- 6 hours studio art electives at the junior-senior level
- 3 hours art history electives at the junior-senior level

Additional Requirements (6 hours)

- ART 367 - History and Philosophy of Art Education Credits: (3)
- ART 465 - Art Methods for the Elementary School Credits: (3)

General Electives (8 hours)

General Electives (8 hours from any junior-senior level course).

Art, Minor

Total number of hours for the program: 21.

Minor Requirements

The minor requires 21 hours, including:

- ART 131 - Introductory Drawing Credits: (3)
- ART 132 - Two-Dimensional Design Credits: (3)
- ART 136 - Art History Survey I Credits: (3)
- ART 137 - Art History Survey II Credits: (3)

Electives

9 hours of art electives are required, selected with the advice of the head of the art department.

Dance, Minor

Total number of hours for the program: 20.

Minor Requirements

The minor requires 20 hours, including:

- DA 259 - Dance Appreciation Credits: (3)
- DA 260 - Anatomy for Dance Credits: (1)
- DA 301 - Dance Choreography Credits: (2)

Additional Requirements

10 hours selected from:

- DA 261 - Ballet I Credits: (2, R4)
- DA 262 - Modern I Credits: (2, R4)
- DA 264 - Jazz Credits: (2, R4)
- DA 303 - Ballet II Credits: (2, R4)
- DA 304 - Modern II Credits: (2, R4)
- DA 305 - Jazz II Credits: (2, R4)

Plus an Additional 4 hours selected from:

- DA 253 - Social/Ballroom Dance Credits: (1)
- DA 255 - Tap Credits: (1, R3)
- DA 257 - Dance Performance Credits: (1)
- DA 258 - Dance Techniques Credits: (2, R6)
- DA 263 - Musical Theatre Styles Credits: (2, R4)
- DA 302 - Choreography Production Credits: (2)

- DA 306 - Tap II Credits: (2, R4)
- DA 307 - Teaching Methods for Dance Credits: (2)

Interior Design, B.S.

Total number of hours for program: 128.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major requires 81 hours as follows:

Interior Design Studio (54 hours)

- IDES 250 - Introduction to Interior Design Credits: (3)
- IDES 251 - Architectural Drafting and Design Credits: (3)
- IDES 252 - Survey of Interior Materials Credits: (3)
- IDES 254 - Rapid Visualization Credits: (3)
- IDES 255 - Space Planning Credits: (3)
- IDES 256 - Perspective Drawing Credits: (3)
- IDES 257 - Architectural Construction Process Credits: (3)
- IDES 258 - CADD for Interior Design Credits: (3)
- IDES 351 - Lighting Design Credits: (3)
- IDES 352 - Residential Design I Credits: (3)
- IDES 356 - Contract Design I Credits: (3)
- IDES 357 - Kitchen and Bath Design I Credits: (3)
- IDES 450 - Residential Design II Credits: (3)
- IDES 451 - Kitchen and Bath Design II Credits: (3)
- IDES 455 - Contract Design II Credits: (3)
- IDES 456 - Professional Practice in Interior Design Credits: (3)
- IDES 457 - Senior Capstone Credits: (3)
- IDES 483 - Internship Credits: (3)

Art Foundations (9 hours)

- ART 131 - Introductory Drawing Credits: (3)
- ART 132 - Two-Dimensional Design Credits: (3)
- ART 142 - Three-Dimensional Design Credits: (3)

Design and Art History (9 hours)

- IDES 355 - History of Furniture and Design II Credits: (3)
Select 6 hours from:
- ART 136 - Art History Survey I Credits: (3)
- ART 137 - Art History Survey II Credits: (3)
- IDES 465 - Travel Studies in Interior Design Credits: (3, R6)

Select 9 hours from the following:

(ART 372 Introduction to Photography suggested)

- ART 233 - Introductory Painting Credits: (3)
- ART 234 - Introductory Printmaking Credits: (3)
- ART 241 - Introductory Sculpture Credits: (3)
- ART 251 - Introductory Ceramics Credits: (3)
- ART 270 - Communication Design Credits: (3)
- ART 330 - Drawing II Credits: (3, R12)
- ART 333 - Painting II Credits: (3, R12)
- ART 334 - Printmaking II Credits: (3, R12)
- ART 342 - Sculpture II Credits: (3, R12)
- ART 351 - Ceramics II Credits: (3, R12)
- ART 359 - Introductory Book Arts Credits: (3)
- ART 372 - Introductory Photography Credits: (3)
- ART 459 - Book Arts II Credits: (3, R12)
- ART 480 - Experimental Studio Credits: (3, R12)
- IDES 493 - Topics in Interior Design Credits: (3, R9)
- IDES 520 - Environments for Aging Credits: 3

Electives

General Electives, 5 hours.

Additional Requirements

To continue in the program, students must earn a grade of C or better in each IDES course in the major.

Visit the department's website at <http://www.wcu.edu/3327.asp> to view the 8 semester curriculum guide.

Motion Picture and Television Production, B.F.A.

Total number of hours for program: 120.

Liberal Studies (42 hours)

Major requirements (63 hours)

The major requires 42 hours in Motion Pictures and Television core courses and a 21 hour concentration in either Motion Pictures or Television.

Required Motion Picture and Television Production Core Courses (42 hours)

- ENGL 278 - Introduction to Film Studies Credits: (3)
- MPTP 150 - Thinking Like A Filmmaker Credits: (3)
- MPTP 250 - Basic Production Techniques Credits: (3)
- MPTP 253 - Introduction to Film Directing Credits: (3)
- MPTP 310 - Introduction to Screenwriting Credits: (3)
- MPTP 357 - Non-Linear Editing Credits: (3)

- MPTP 361 - Intermediate Directing Credits: (3)
- MPTP 365 - Producing Credits: (3)
- MPTP 386 - Production Practicum II Credits: (1, R5)
- MPTP 483 - Internship in Motion Picture/TV Credits: (3, R6)
- MPTP 488 - Senior Project I Credits: (2)
- MPTP 489 - Senior Project II Credits: (2)
- MUS 383 - Music and Audio in Media Credits: (3)
- THEA 231 - Stagecrafts for Stage and Screen (Scenic/Lighting) Credits: (3)

Motion Picture Concentration (21 hours)

- MPTP 335 - Intermediate Cinematography Credits: (3)
- MPTP 406 - Screenwriting II Credits: (3)
or
- MPTP 320 - Adapting the Short Story Credits: (3)
or
- MPTP 321 - Scene Writing Credits: (3)
or other MPTP Screenwriting course Credits: (3)
- MPTP 460 - Directing the Documentary Credits: (3)

Take 6 hours from the following advanced courses:

- Advanced Screenwriting Course (MPTP 320, 321, 408, 407, 409 or 410)
- MPTP 436 - Advanced Cinematography Credits: (3)
- MPTP 461 - Advanced Directing Credits: (3)

Take 3 hours from the following film studies courses:

- MPTP 340 - Filmmakers on Filmmaking Credits: (3)
- ENGL 368 - Film Genres Credits: (3, R6)
- ENGL 394 - Film Adaptation Credits: (3, R6)
- PAR 309 - Philosophy In and Of Film Credits: (3)
- PAR 353 - Religion in Film Credits: (3)
- or other film studies course approved by advisor
- THEA 140 - Acting I Credits: (3)

Television Concentration (21 hours)

- Electives in Concentration Credits: (6)
- COMM 255 - Television Production I Credits: (3)
- COMM 351 - Introduction to Television Studies Credits: (3)
- COMM 355 - Television Production II Credits: (3)
- LAW 406 - Media Law Credits: (3)
- MPTP 335 - Intermediate Cinematography Credits: (3)

General Electives (15 hours)

Additional Requirements:

All students must apply and be accepted into the MPT program. Please note that entering freshmen may declare MPT as their major, but must then apply and be accepted into the program during their first year in order to continue in the program in the sophomore year. Application form and requirements can be found on the MPT website at <http://www.wcu.edu/2360.asp>.

Students must maintain a 2.5 OVERALL GPA or better to remain in the MPT program. All MPT students are responsible for reading and abiding by all rules and regulations in the *MPT Student Handbook*.

Music Technology, Certificate

Undergraduate Certificate in Music Technology (16 hours)

Program Description:

This program provides music students with an opportunity to develop enhanced competence in music technology, including MIDI, synthesis, digital audio and recording arts. The certificate can be completed concurrently with an undergraduate music degree, or it can be completed in two semesters of post-baccalaureate study. This program is not open to students in the Commercial & Electronic Music or Music Industry Option programs.

Admission Requirements:

- Junior standing with a 2.5 GPA.
- Current undergraduate music major or undergraduate degree in music.
- Interview with coordinator of Commercial & Electronic Music program.
- Not available to students in the B.M. Music, Commercial & Electronic Music Concentration or the B.A. Music, Music Industry Option.

Course Requirements:

- MUS 181 - Introduction to MIDI/Synthesis Credits: (1)
- MUS 182 - Computer Applications in Music Credits: (1)
- MUS 281 - Music Sequencing and Audio Editing Credits: (1)
- MUS 379 - Introduction to Recording Arts Credits: (3)

Nine hours selected from the following:

- MUS 320 - Materials in Popular Music and Jazz Credits: (3)
- MUS 378 - Survey of the Music Industry Credits: (3)
- MUS 383 - Music and Audio in Media Credits: (3)
- MUS 426 - Jazz Arranging and Composing Credits: (3)
- MUS 468 - Scoring for Film and Video Credits: (3)
- MUS 483 - Practicum in Music Credits: (1-3), R6

Capstone Course:

- MUS 474 - Entrepreneurship in Music, Senior Project Credits: (1)

Music, B.A.

Total number of hours for program: 120.

To major in music, students must pass an audition in the principal performance area and take a music aptitude examination. Based on the audition and examination, MUS 105, 108, 118 may be required. These courses do not count toward degree requirements. If a student fails MUS 108 or MUS 118 twice, the student shall be ineligible to continue in a music program.

All music majors must pass a public recital in the last semester of principal applied lessons before a degree will be granted. MUS 371, 372, 373 must (unless exempted) reflect the applied study area; only one will count per semester. All wind and percussion majors in the B.A. program must include a minimum of 1 semester in marching band.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major requires 45 hours as follows:

- Eight hours of Applied Music courses taken in one of the following combinations:
 - Two Semester (each) of MUS 107 (2, R6) and MUS 207 (2, R6)
 - Two semesters (each) of MUS 106 (1, R3), 206 (1, R3), 306 (1, R3), 406 (1, R3)
 - Any combination of the above as approved by the student's advisor
- MUS 148 - Piano Class I Credits: (1)
- MUS 149 - Piano Class II Credits: (1)
- MUS 208 - Aural Skills II: Basic Tonal Functions Credits: (1)
- MUS 218 - Music Theory II: Tonal Harmony Credits: (3)
- MUS 248 - Piano Class III Credits: (1)
- MUS 249 - Piano Class IV Credits: (1)
- MUS 308 - Aural Skills III: Advanced Tonal Functions Credits: (1)
- MUS 309 - Aural Skills IV: Jazz and Commercial Music Credits: (1)
- MUS 318 - Music Theory III: Advanced Forms and Chromaticism Credits: (3)
- MUS 319 - Music Theory IV: Twentieth Century Styles Credits: (3)
- MUS 329 - Fundamentals of Conducting Credits: (2)
- MUS 358 - Concert Attendance Credits: (0)
(Six semesters required)
- MUS 371 - University Chorus Credits: (1, R16)
and/or
- MUS 372 - Concert Choir Credits: (1, R16)
or
- MUS 373 - Band Credits: (1-2, R16)
(For a total of six semesters in 371, 372, or 373)
- MUS 418 - Music History I: Music Before 1750 Credits: (3)
- MUS 419 - Music History II: Music after 1750 Credits: (3)
- MUS 474 - Entrepreneurship in Music, Senior Project Credits: (1)
Six hours of non-performance music electives (Music Industry Option may substitute MUS 378 and 383)

Additional Requirements

To complete the program, 33 hours, including a minimum of 7 hours at the junior-senior level and 6 hours of MFL 101-102, are required. One of the following options or concentrations must be completed:

Minor, Second Major, or Approved Program Hours & Electives (33 hours)

or

Music Industry Option & Electives (33 hours)

- BA 133 - Strategy First Credits: (3)
- MUS 378 - Survey of the Music Industry Credits: (3)
- MUS 489 - Internship Credits: (3, R9)
(9 hours required in MUS 489)
- MUS 383 - Music and Audio in Media Credits: (3)

Music Industry Electives (12 hours). Choose from:

- ACCT 161 - Accounting for the Non-Business Major Credits: (3)
- CIS 251 - Managing Enterprise Information Systems Credits: (3)
- LAW 230 - Legal and Ethical Environment of Business Credits: (3)
- MGT 300 - Introduction to Management Credits: (3)
- MKT 201 - Marketing Planning and Strategy Credits: (3)
- MKT 404 - Retailing Management Credits: (3)
- MUS 475 - Arts Management Credits: (3)
- MUS 483 - Practicum in Music Credits: (1-3), R6
and
- General Elective Hours: 3

Additional Information

Visit the department's website at <http://music.wcu.edu/> to view the 8 semester curriculum guide.

Music, B.M.

Total hours required for program: 128.

To major in music, students must pass an audition in the principal performance area and take a music aptitude examination. Based on the audition and examination, MUS 105, 108, 118 may be required. These courses do not count toward degree requirements. If a student fails MUS 108 or MUS 118 twice, the student shall be ineligible to continue in a music program.

All music majors must pass a public recital in the last semester of principal applied lessons before a degree will be granted. MUS 371, 372, 373 must (unless exempted) reflect the applied study area; only one will count per semester. For students in the B.M. program, marching band is required only in the Instrumental Music Education Concentration.

A minimum GPA of 2.5 is required for graduation with the B.M. degree.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major requires 38 hours as follows:

- MUS 107 - Applied Major Credits: (2, R6)
(Two semesters required)
- MUS 148 - Piano Class I Credits: (1)
- MUS 149 - Piano Class II Credits: (1)
- MUS 207 - Applied Major Credits: (2, R6)
(Two semesters required)
- MUS 208 - Aural Skills II: Basic Tonal Functions Credits: (1)
- MUS 218 - Music Theory II: Tonal Harmony Credits: (3)
- MUS 248 - Piano Class III Credits: (1)
- MUS 249 - Piano Class IV Credits: (1)
- MUS 308 - Aural Skills III: Advanced Tonal Functions Credits: (1)
- MUS 309 - Aural Skills IV: Jazz and Commercial Music Credits: (1)
- MUS 318 - Music Theory III: Advanced Forms and Chromaticism Credits: (3)
- MUS 319 - Music Theory IV: Twentieth Century Styles Credits: (3)
- MUS 329 - Fundamentals of Conducting Credits: (2)
- MUS 358 - Concert Attendance Credits: (0)
(Six semesters required)
- MUS 371 - University Chorus Credits: (1, R16)
and/or
- MUS 372 - Concert Choir Credits: (1, R16)
or
- MUS 373 - Band Credits: (1-2, R16)
(For a total of six semesters in 371, 372, or 373)
- MUS 418 - Music History I: Music Before 1750 Credits: (3)
- MUS 419 - Music History II: Music after 1750 Credits: (3)

Concentrations

Music Education

Students receiving the B.M. degree in Music with a concentration in Choral/General or Instrumental Music Education will also receive the B.S.Ed. degree in Music Education from the College of Education and Allied Professions. Both the Choral/General and the instrumental concentrations require completion of the Professional Education Sequence (listed below the music education concentrations). Music Education students must earn a C or better in the Professional Education Sequence (listed below) *and* in MUS 323, 324, 329 and either 327/428 or 326/429 (whichever is required).

Choral/General Music (24 hours)

- MUS 168 - String Class Credits: (1)
- MUS 258 - Diction for Singers I Credits: (1)
- MUS 259 - Diction for Singers II Credits: (2)
- MUS 283 - Music Technology Methods Credits: (1)
- MUS 307 - Applied Major Credits: (2, R6)
(two semesters required)
- MUS 323 - Music in the Elementary School Credits: (2)
- MUS 324 - Music in the Middle School Credits: (2)
- MUS 407 - Applied Major Credits: (2, R6)
- MUS 428 - Choral Conducting Credits: (2)
- MUS 470 - Orchestration and Arranging Credits: (2)

And (5) five hours of Music Education electives, selected from:

- MUS 313 - Band Instrument Repair Credits: (1)
- MUS 314 - Jazz Pedagogy Credits: (1)
- MUS 403 - Marching Band Techniques Credits: (2)
- MUS 411 - Advanced Vocal Pedagogy Credits: (3)
- MUS 412 - Teaching in the Private Studio Credits: (1)
- EDSE 484 - Supervised Internship I Credits: (1-3)

Instrumental Music (24 hours)

All wind and percussion majors in the Instrumental Music concentration must include a minimum of 3 semesters in a concert band and 2 semester in marching band. For keyboard, strings, and guitar majors, MUS 373 must be the major ensemble; performance on secondary winds or percussion is required. If piano is the principal instrument, 3 hours in one secondary applied wind instrument or percussion is required in lieu of piano class.

- MUS 168 - String Class Credits: (1)
- MUS 272 - Percussion Class Credits: (1)
- MUS 283 - Music Technology Methods Credits: (1)
- MUS 307 - Applied Major Credits: (2, R6)
(two semesters required)
- MUS 311 - Pedagogy of Brass Instruments Credits: (2)
- MUS 312 - Pedagogy of Woodwind Instruments Credits: (2)
- MUS 323 - Music in the Elementary School Credits: (2)
- MUS 324 - Music in the Middle School Credits: (2)
- MUS 407 - Applied Major Credits: (2, R6)
- MUS 429 - Instrumental Conducting Credits: (2)
- MUS 470 - Orchestration and Arranging Credits: (2)

And (3) three hours of Music Education Electives, selected from:

- MUS 313 - Band Instrument Repair Credits: (1)
- MUS 314 - Jazz Pedagogy Credits: (1)
- MUS 403 - Marching Band Techniques Credits: (2)
- MUS 411 - Advanced Vocal Pedagogy Credits: (3)
- MUS 412 - Teaching in the Private Studio Credits: (1)
- EDSE 484 - Supervised Internship I Credits: (1-3)

Professional Education Sequence (24 hours)

- EDCI 201 - Teacher Leadership in a Diverse Society Credits: (3)
- PSY 323 - Psychology Applied to Learning and Teaching Credits: (3)
- SPED 339 - Designing Classrooms as Responsive Learning Communities Credits: (3)
- MUS 326 - Instrumental Methods and Materials Credits: (3)
or
- MUS 327 - Choral Methods and Materials Credits: (3)
- EDSE 490 - Supervised Student Teaching Credits: (6)
- EDSE 495 - Seminar Credits: (3)
- MUS 491 - Supervised Student Teaching in Music, K-12 Credits: (3)

Commercial and Electronic Music (26 hours)

- MUS 181 - Introduction to MIDI/Synthesis Credits: (1)
- MUS 182 - Computer Applications in Music Credits: (1)
- MUS 281 - Music Sequencing and Audio Editing Credits: (1)
- MUS 307 - Applied Major Credits: (2, R6)
(2 semesters required)
- MUS 320 - Materials in Popular Music and Jazz Credits: (3)
- MUS 378 - Survey of the Music Industry Credits: (3)
- MUS 379 - Introduction to Recording Arts Credits: (3)
- MUS 407 - Applied Major Credits: (2, R6)
- MUS 417 - Applied MIDI/Synthesis Credits: (2, R6)

And two of the following courses:

- MUS 383 - Music and Audio in Media Credits: (3)
- MUS 426 - Jazz Arranging and Composing Credits: (3)
- MUS 468 - Scoring for Film and Video Credits: (3)
- MUS 469 - Music in Motion Pictures Credits: (3)
- MUS 479 - Digital Audio Recording and Editing Credits: (3)

Additional Requirements

The program also requires the following:

- MUS 375 - Ensemble Credits: (1, R24)
(2 hours required)
- MUS 470 - Orchestration and Arranging Credits: (2)
- MUS 474 - Entrepreneurship in Music, Senior Project Credits: (1)

And twelve (12) hours of music electives selected from below:

Only if not used for concentration.

- MUS 184 - Functional Jazz Keyboard Credits: (1, R2)
- MUS 284 - MIDI/Synthesis Masterclass Credits: (1, R3)
- MUS 304 - Jazz Appreciation Credits: (3)
- MUS 317 - Applied MIDI/Synthesis Credits: (2, R6)
- MUS 383 - Music and Audio in Media Credits: (3)
- MUS 413 - Studies in Improvisation Credits: (1, R4)
- MUS 426 - Jazz Arranging and Composing Credits: (3)
- MUS 468 - Scoring for Film and Video Credits: (3)
- MUS 469 - Music in Motion Pictures Credits: (3)
- MUS 479 - Digital Audio Recording and Editing Credits: (3)
- MUS 480 - Independent Study Credits: (1-3, R9)
- MUS 483 - Practicum in Music Credits: (1-3), R6
- MUS 489 - Internship Credits: (3, R9)

General Electives

Five hours of general university electives are required to complete the program.

Performance Hours: 26

- MUS 181 - Introduction to MIDI/Synthesis Credits: (1)
- MUS 182 - Computer Applications in Music Credits: (1)
- MUS 305 - Junior Recital Credits: (1)
- MUS 307 - Applied Major Credits: (2, R6)
(Two semesters required)
- MUS 405 - Senior Recital Credits: (1)
- MUS 407 - Applied Major Credits: (2, R6)
(Two semesters required)

Two hours selected from:

- MUS 371 - University Chorus Credits: (1, R16)
or
- MUS 372 - Concert Choir Credits: (1, R16)
or
- MUS 373 - Band Credits: (1-2, R16)

Twelve hours selected from the following groups:**Pedagogy, Literature, and Improvisation: 3 hours**

- MUS 412 - Teaching in the Private Studio Credits: (1)
- MUS 413 - Studies in Improvisation Credits: (1, R4)
- MUS 480 - Independent Study Credits: (1-3, R9)
including one hour in each: pedagogy, literature and improvisation

Advanced studies in music: 6 hours

- MUS 303 - The World of Music Credits: (3)
- MUS 304 - Jazz Appreciation Credits: (3)
- MUS 420 - Studies in Music Literature Credits: (3, R9)
- MUS 425 - Twentieth-Century Music Credits: (3)

Three additional hours from either group above:

- voice majors must substitute:
- MUS 258 - Diction for Singers I Credits: (1)
- MUS 259 - Diction for Singers II Credits: (2)

Additional Requirements

The program also requires the following:

- 6 hours in MFL (must be in one language)
- MUS 375 - Ensemble Credits: (1, R24)
(Six semesters required)
- MUS 378 - Survey of the Music Industry Credits: (3)
- MUS 470 - Orchestration and Arranging Credits: (2)

General Electives

Three (3) hours of general university electives are required to complete the program.

Music, Minor

Total number of hours for the program: 22.

Minor Requirements

Audition and permission of the department head are required to enroll in the minor. The minor requires 22 hours, including:

- MUS 108 - Aural Skills I: Fundamentals of Sight Singing Credits: (1)
- MUS 118 - Music Theory I: Fundamentals Credits: (3)
- MUS 208 - Aural Skills II: Basic Tonal Functions Credits: (1)
- MUS 218 - Music Theory II: Tonal Harmony Credits: (3)
- MUS 308 - Aural Skills III: Advanced Tonal Functions Credits: (1)
- MUS 318 - Music Theory III: Advanced Forms and Chromaticism Credits: (3)

3 semesters of

- MUS 358 - Concert Attendance Credits: (0)

2 hours of each of the following:

- MUS 106 - Applied Minor Credits: (1, R3)
- MUS 206 - Applied Minor Credits: (1, R3)

Additional Requirements

- 4 hours in a major ensemble (MUS 371, 372, or 373);
- and 2 hours of music electives.

Residential Environments, Minor

Total number of hours for the programs: 18.

Minor Requirements

The minor requires 18 hours:

- IDES 250 - Introduction to Interior Design Credits: (3)
- IDES 251 - Architectural Drafting and Design Credits: (3)
- IDES 252 - Survey of Interior Materials Credits: (3)
- IDES 257 - Architectural Construction Process Credits: (3)
- IDES 350 - History of Furniture and Design I Credits: (3)
- IDES 355 - History of Furniture and Design II Credits: (3)

Additional Courses

In lieu of taking IDES 251, one of the following art courses may be substituted:

- ART 131 - Introductory Drawing Credits: (3)
- ART 132 - Two-Dimensional Design Credits: (3)
- ART 141 - Life Drawing I Credits: (3, R6)
- ART 142 - Three-Dimensional Design Credits: (3)
- ART 233 - Introductory Painting Credits: (3)
- ART 234 - Introductory Printmaking Credits: (3)
- ART 241 - Introductory Sculpture Credits: (3)
- ART 251 - Introductory Ceramics Credits: (3)

Stage & Screen, B.A.

Total number of hours for the program: 120.

Stage & Screen major requires 57 hours as follows(Foundation Core, Skills Core, Production, MFL, Elective) and a 2.5 GPA and must audition or have a review of portfolio for acceptance to the program.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Foundations Core: (21 hours)

- ENGL 278 - Introduction to Film Studies Credits: (3)
- MPTP 150 - Thinking Like A Filmmaker Credits: (3)
- THEA 131 - Introduction to Professions Credits: (3)
- THEA 400 - History of the Theatre I Credits: (3)
- THEA 495 - B.A. Senior Project Credits: (3)
6 hours from the 3 courses below:
- THEA 302 - Dramatic Literature and Criticism Credits: (3)
- ENGL 378 - Motion Picture Histories Credits: (3) or any second level critical film course 300/400 (advisor approved).
- THEA 401 - History of the Theatre II Credits: (3)

Skills Core: (24 hours)

- MPTP 250 - Basic Production Techniques Credits: (3)
- MPTP 253 - Introduction to Film Directing Credits: (3)
- MPTP 310 - Introduction to Screenwriting Credits: (3)
- THEA 140 - Acting I Credits: (3)
- THEA 231 - Stagecrafts for Stage and Screen (Scenic/Lighting) Credits: (3)
- THEA 235 - Stage Management Credits: (3)
- THEA 237 - Costume Crafts and Makeup Credits: (3)
- THEA 332 - Introduction to Design for Stage and Screen Credits: (3)

Production Credits (3 hours):

Must take both production classes below and repeat one of your choice.

- MPTP 386 - Production Practicum II Credits: (1, R5)
- THEA 270 - Theatre Arts Workshops I Credits: (1, R4)

Electives

3 hours + 6 hours of Modern Foreign Language (any level)

NOTE: Strongly recommend Internship, Dance, or Directing.

Additional Requirements

21 hours in Design/Tech concentration, General concentration, minor, second major or approved program. A total of 120 hours is required for this major, at least 30 hours taken at WCU must be at the junior-senior level to meet one of the general university degree requirements.

Visit the department's website at <http://www.wcu.edu/2264.asp> to view the 8 semester curriculum guide.

Theatre Concentration: Design/Tech (21 hours)

12 hours must be at junior-senior level.

- THEA 270 - Theatre Arts Workshops I Credits: (1, R4)
 - THEA 370 - Theatre Arts Workshops II Credits: 2, R6)
 - THEA 432 - Design I Credits: (3)
 - THEA 442 - Design II Credits: (3)
 - THEA 438 - Period Styles Credits: (3)
- or*
ART/IDES Elective (3)
6 hours from:
- THEA 333 - Scenic Technology Credits: (3)
 - THEA 335 - Lighting Technology Credits: (3)
 - THEA 337 - Costume Technology Credits: (3)

Stage & Screen Concentration General

Requires 21 hours from the following (12 hours at the junior-senior level):

Note: Intended for students interested in a variety of fields including: stage management, directing, producing, screenwriting, etc.

- THEA 270 - Theatre Arts Workshops I Credits: (1, R4)
 - THEA 370 - Theatre Arts Workshops II Credits: 2, R6)
- or*
- MPTP 386 - Production Practicum II Credits: (1, R5)
 - THEA 483 - Internship in Theatre Arts Credits: (3, R9)
- or*
- DA 253 - Social/Ballroom Dance Credits: (1)
 - DA 258 - Dance Techniques Credits: (2, R6)
 - DA 259 - Dance Appreciation Credits: (3)
 - MPTP 335 - Intermediate Cinematography Credits: (3)

- MPTP 357 - Non-Linear Editing Credits: (3)
- MPTP 361 - Intermediate Directing Credits: (3)
- MPTP 365 - Producing Credits: (3)
- MPTP 406 - Screenwriting II Credits: (3)
- MPTP 460 - Directing the Documentary Credits: (3)
- MPTP 483 - Internship in Motion Picture/TV Credits: (3, R6)
- MPTP 493 - Special Topics in Motion Picture Production Credits: (3, R9)
- THEA 220 - Stage Movement Credits: (3)
- THEA 240 - Voice and Articulation Credits: (3)
- THEA 271 - Theatre in Education Workshop I Credits: (3)
- THEA 310 - World Theatre Credits: (3)
- THEA 330 - Makeup II Credits: (1)
- THEA 333 - Scenic Technology Credits: (3)
- THEA 335 - Lighting Technology Credits: (3)
- THEA 337 - Costume Technology Credits: (3)
- THEA 340 - Acting II Credits: (3)
- THEA 345 - Acting for the Camera I Credits: (3)
- THEA 350 - Directing I Credits: (3)
- THEA 389 - Cooperative Education in Theatre Arts Credits: (1-3, R6)
- THEA 432 - Design I Credits: (3)
- THEA 486 - Theatre Production Credits: (3, R12)
- THEA 493 - Selected Topics in Theatre Studies Credits: (1-3, R9)

Handbooks

Theatre Handbook: All Students are required to read and adhere to the School's Theatre Handbook.

Motion Pictures Handbook: All students are required to read and adhere to the School's Motion Pictures Handbook.

Probation and Dismissal:

Probation

- a. If your overall GPA is below 2.5, you will be placed on probation. Such students will receive notification of probation in writing, a copy of which will be placed in your advising folder. During this one semester probationary period you must raise your overall G.P.A. to a minimum 2.5 or you will be dismissed from the program. If, after the probationary period, your overall G.P.A. is still below the required minimum of 2.5, you may appeal in writing for one additional semester in order to raise your G.P.A. Faculty will consider these requests, using the following criteria:
 - Likelihood of achieving a 2.5 in one semester.
 - Student's demonstrated effort in current classes.
 - Student's overall performance in the program.
- b. Probation may be imposed for other infractions not deemed of the level for dismissal (see Student Code of Conduct).
- c. Students offered probation must sign a probation agreement which will go in their record.
- d. Probation is offered for one semester. If at the end of that period the issue is resolved, student will return to good standing. If the issue is not improved or resolved, student will

face dismissal from the program. Student may request in writing an additional semester to resolve the issue. Faculty will determine if that request is granted, based on the criteria listed above.

- e. Students should understand that artistic merit is an important attribute of any professional. Therefore, a student's artistic promise may be taken into consideration in any decision regarding probation and dismissal.

Dismissal

- a. A history of academic probation (two semesters or more) is grounds for dismissal. Such students may request an opportunity to prove their academic commitment to the program.
- b. Infractions of the Student Code of Conduct, in addition to any penalties imposed by the University, could lead to dismissal from the Theatre program.
- c. Any other disciplinary actions during the academic year may be grounds for dismissal.

Appeal Process

- a. Students will be informed in writing of dismissal within one week of their interview. Reasons must be stated in this document. Faculty will then advise the student and help facilitate enrollment in another major.
- b. Students may submit a written statement to Program Director and Department Head stating reasons why they should remain in the program. Once an appeal has been submitted:
 - Faculty must meet to consider the appeal
 - If appeal is accepted, student may still be put on probation.
 - If the appeal is denied, student may appeal to the Department Head.
 - Department Head may ask the faculty to reconsider the appeal. Faculty shall then meet with Department Head to discuss the appeal. Faculty will then vote on appeal, and faculty's decision shall be final and binding.

Theatre, B.F.A.

Total number of hours for program: 128.

Admission to the Bachelor of Fine Arts in Theatre

Entrance into the program will require the following:

The Theatre B.F.A. degree is performance based and has an audition component to its requirements for admission.

All students must have and maintain a 2.5 G.P.A.

B.F.A. Acting Concentration:

Audition dates are scheduled for the spring semester each year. Please download, complete and return an Audition Application Form (Word). You must also be admitted to Western Carolina University. Please visit the Office of Admissions for admissions requirements and the application process.

Auditionees must perform two contrasting, contemporary monologues. These monologues must be two minutes or less each.

Auditionees must bring a headshot or recent picture that will be kept on file.

Auditionees must bring or send in two letters of recommendation.

Auditionees must bring in or send in a resume.

Auditionees must submit a short essay; B.F.A's on "Why you want to major in Acting."

Auditionees may bring video/DVD of other work.

B.F.A. Musical Theatre Concentration

Admittance to WCU's Musical Theatre Program is by audition only; the entire audition must be memorized.

Audition dates are scheduled for the spring semester each year. Please download, complete and return an Audition Application Form (Word). You must also be admitted to Western Carolina University. Please visit the Office of Admissions for admissions requirements and the application process.

Singing

Applicants must prepare two songs from the standard Broadway repertoire: a ballad that shows a sustained legato line and an "up tempo" number. An accompanist will be provided in Cullowhee.

The audition may also include tonal memory exercises and melodic and rhythmic sight singing. The student must demonstrate musical skills and a voice of sufficient quality and expression in order to be admitted to his/her chosen program of study.

Acting

Auditionees must perform a comical or dramatic monologue from a contemporary play or musical.

Dancing

All candidates must participate in a dance class (warm-up and several combinations) Auditionees must wear standard rehearsal attire or clothing and shoes that allow for ease of movement. Sandals and tennis shoes are not considered proper attire.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major requires 128 hours as follows:

Liberal Studies, 42 hours

Required Theatre Core Courses, 35 hours

Performance Concentration Acting or Musical Theatre, 51 hours

Required Courses:

Required Theatre Core Courses for all B.F.A. students, 35 hours:

- DA 258 - Dance Techniques Credits: (2, R6)

- THEA 131 - Introduction to Professions Credits: (3)
- THEA 140 - Acting I Credits: (3)
- THEA 170 - Theatre Production Seminar Credits: (1)
- THEA 237 - Costume Crafts and Makeup Credits: (3)
- THEA 240 - Voice and Articulation Credits: (3)
- THEA 270 - Theatre Arts Workshops I Credits: (1, R4)
- THEA 302 - Dramatic Literature and Criticism Credits: (3)
- THEA 332 - Introduction to Design for Stage and Screen Credits: (3)
- THEA 350 - Directing I Credits: (3)
- THEA 400 - History of the Theatre I Credits: (3)
- THEA 401 - History of the Theatre II Credits: (3)
- THEA 496 - Seminar in Professional Development Credits: (1)
- THEA 499 - BFA Thesis/Senior Showcase Credits: (2)
- *Choose one of from below:*
- THEA 172 - Theatre Production: Stagecraft Credits: (1, R2)
- THEA 173 - Theatre Production: Costume Credits: (1, R2)

Acting Concentration-51 hours

- 13 hours from THEA: 260(1), 340, 341, 345, 346, 441
- 6 hours from THEA: 220, 351, 320
- 8 hours from DA: 253, 255, 260, 261, 262, 263, 264, 303, 304, 305, 306
- 3 hours from ENGL 431, THEA 310
- 6 hour performance credits: THEA 270 + 5 hours from THEA 370, 486
- 15 hours elective in THEA, DA, MUS, MPTP
 - Note: We strongly recommend THEA 483 Internship as an elective

Musical Theatre Concentration-51 hours

Music Credits: 28 credits

- 3 hours from MUS 371 or MUS 372
- 3 hours from MUS 376
- 2 hours of MUS 106
- 2 hours of MUS 206
- 2 hours of MUS 306
- 2 hours of MUS 406
- MUS 108 - Aural Skills I: Fundamentals of Sight Singing Credits: (1)
- MUS 118 - Music Theory I: Fundamentals Credits: (3)
- MUS 148 - Piano Class I Credits: (1)
- MUS 149 - Piano Class II Credits: (1)
- MUS 208 - Aural Skills II: Basic Tonal Functions Credits: (1)
- MUS 218 - Music Theory II: Tonal Harmony Credits: (3)
- MUS 410 - History of American Musical Theatre Credits: (3)
- MUS 493 - Topics in Music Credits: (1-3, R12)

Theatre Credits: 15 credits

- THEA 220 - Stage Movement Credits: (3)

- THEA 260 - Dialects Credits: (1)
 - THEA 340 - Acting II Credits: (3)
 - THEA 341 - Acting III Credits: (3)
- 5 hours performance credits: THEA 270 + 4 hours from THEA 370, 486*

Dance Credits: 5 credits

- 3 hours from DA: 255, 261, 262, 263, 264
- 2 hours from DA: 303, 305, 306

(Students must achieve a level two proficiency in one of the following: Ballet, Tap or Jazz.)

3 hours General Elective

Note: If MUS 410 is taken to satisfy the P5 requirement then the electives increase to 6 credits.

Theatre Handbook: All students are required to read and adhere to the School's Theatre Handbook.

Probation and Dismissal:

Probation

- If your overall GPA is below 2.5, you will be placed on probation. Such students will receive notification of probation in writing, a copy of which will be placed in your advising folder. During this one semester probationary period you must raise your overall G.P.A. to a minimum 2.5 or you will be dismissed from the program. If, after the probationary period, your overall G.P.A. is still below the required minimum of 2.5, you may appeal in writing for one additional semester in order to raise your G.P.A. Faculty will consider these requests, using the following criteria:
 - Likelihood of achieving a 2.5 in one semester.
 - Student's demonstrated effort in current classes.
 - Student's overall performance in the program.
- Probation may be imposed for other infractions not deemed of the level for dismissal (see Student Code of Conduct).
- Students offered probation must sign a probation agreement which will go in their record.
- Probation is offered for one semester. If at the end of that period the issue is resolved, student will return to good standing. If the issue is not improved or resolved, student will face dismissal from the program. Student may request in writing an additional semester to resolve the issue. Faculty will determine if that request is granted, based on the criteria listed above.
- Students should understand that artistic merit is an important attribute of any professional. Therefore, a student's artistic promise may be taken into consideration in any decision regarding probation and dismissal.

Dismissal

- A history of academic probation (two semesters or more) is grounds for dismissal. Such students may request an opportunity to prove their academic commitment to the program.

- b. Infractions of the Student Code of Conduct, in addition to any penalties imposed by the University, could lead to dismissal from the Theatre program.
- c. Any other disciplinary actions during the academic year may be grounds for dismissal.

Appeal Process

- a. Students will be informed in writing of dismissal within one week of their interview. Reasons must be stated in this document. Faculty will then advise the student and help facilitate enrollment in another major.
- b. Students may submit a written statement to Program Director and Department Head stating reasons why they should remain in the program. Once an appeal has been submitted:
 - Faculty must meet to consider the appeal
 - If appeal is accepted, student may still be put on probation.
 - If the appeal is denied, student may appeal to the Department Head.
 - Department Head may ask the faculty to reconsider the appeal. Faculty shall then meet with Department Head to discuss the appeal. Faculty will then vote on appeal, and faculty's decision shall be final and binding.

Total hours required for the B.F.A.

To complete the program, a total of 128 hours are required. A student will have only one concentration in the B.F.A. degree. At least 32 hours taken at WCU must be at the junior-senior level to meet one of the general university degree requirements.

Students must pass a junior qualifying exam to continue in program.

Students must pass senior capstone recital to meet degree requirements.

Visit the department's website at <http://www.wcu.edu/2264.asp> to view the 8 semester curriculum guide.

College of Health and Human Sciences

Office Info: 4121 Little Savannah Road Health and Human Sciences Building/West Campus

(828) 227-7271

Website Marie Huff, Interim Dean

Linda Comer, Associate Dean

The College of Health and Human Sciences is comprised of six academic units. These include the School of Health Sciences, the School of Nursing, and the departments of Communication Sciences and Disorders, Criminology and Criminal Justice, Physical Therapy, and Social Work.

College Mission Statement

The mission of the College of Health and Human Sciences is to provide a dynamic learning community that prepares individuals for professional life by providing quality educational experiences that promote scholarship, engagement and life-long learning in a global environment. This goal will be met with active, scholarly, collaborative faculty. The college will be recognized for graduates who are ethical, adaptive, technically capable and innovative professionals. In fulfilling this role, the college provides undergraduate and graduate educational programs in Cullowhee, Asheville, and online.

Introduction

Careers in both health professions and criminal justice are among the fastest growing segments of the job market. There is a rising demand for health care professionals to meet the current and projected health care needs of a growing and increasingly more diverse population. In addition, our nation's criminal justice system provides numerous career opportunities in both the public and private security areas.

Through its graduate and undergraduate educational programs, the College is committed to providing learning opportunities to students aspiring to careers in professions that serve the needs of our society. Service to disadvantaged segments of society most in need of care across age, cultural, and socioeconomic spectrum are central to the mission of the College's educational programs. To this end, the College is committed to fostering community-centered education and to educating and training future professionals who are knowledgeable, competent, ethical, and caring, with a strong commitment to human service.

Special Expenses

Due to the nature of the clinical, laboratory and studio experiences required in some of the college's programs, students will encounter special expenses beyond those listed in the fees section of this catalog. Liability insurance, uniforms, transportation to internships/clinical sites, criminal background checks required by internship/clinical education facilities, software programs, and special texts and class materials are examples of what might be expected. Each program has different requirements and students should discuss costs with the program director. The following programs in the School of Health Sciences require students declaring a major or pre-major to have daily access to a laptop computer that meets the standard university networking and hardware configuration requirements: ATTR, EMC, ENVH, ND and RTH.

Clinical Education and Criminal Background Checks

Many health care facilities as well as educational and social services agencies require criminal background and/or drug screening on students who participate in internship/clinical education rotations. A student may be denied participation in an internship/clinical education rotation if he/she has a positive drug screen or a record of any felony or misdemeanor conviction. A conviction involving alcohol or drug use, possession or distribution offenses, violence-

related offenses, or the abuse/neglect of children or disabled adults may be a significant obstacle to successful completion of the academic program.

If a student is denied participation in an internship/clinical education rotation based upon the results of a criminal background or drug screen, the student may be removed from the academic program; provided, however, that prior to removal the student is given the opportunity to appear before a review committee.

Undergraduate Programs

Majors: Athletic Training, Criminal Justice, Communication Sciences and Disorders, Emergency and Disaster Management, Emergency Medical Care, Environmental Health, Nutrition and Dietetics, Nursing, Recreational Therapy, and Social Work.

Graduate Programs

The College offers graduate programs in Physical Therapy, Social Work, Speech Pathology, Health Sciences, (with concentrations in emergency medical care, nutrition, and management) and Nursing (Nurse Administrator, Family Nurse Practitioner, Nurse Educator, and Nurse Anesthesia).

Applied Sciences Multi-Media Minor

Total number of hours for the program: 18.

Minor Requirements

The minor will consist of 18 hours with nine hours of core courses and nine hours of elective courses. Students will take one course in each of the three core areas:

Visual Core

- ART 420 - Intermedia in Contemporary Culture Credits: (3)
- ENGL 313 - Authoring Multimedia Credits: (3, R6)

Audio Core

- MUS 383 - Music and Audio in Media Credits: (3)

Textual Core

- COMM 204 - Desktop Publishing Credits: (3, R6)
or
- ENGL 304 - Writing for Electronic Environments Credits: (3)

Additional Requirements

The remaining nine hours will be selected from other core courses and these additional courses involving multimedia history and technology:

- EDCD 372
- EDEL 466
- EDEL 472

- ART 479 - Motion Graphics II Credits: (3, R6)
- ECET 301 - Electrical Systems Credits: (3)
- ECET 302 - Instrumentation and Controls Credits: (3)
- ENGL 305 - Technical Writing Credits: (3)
- ENGL 307 - Professional Editing and Publishing Credits: (3)
- MPTP 310 - Introduction to Screenwriting Credits: (3)
- MUS 181 - Introduction to MIDI/Synthesis Credits: (1)
- MUS 283 - Music Technology Methods Credits: (1)

Athletic Training, B. S.

Total number of hours for program: 123.

Declaration of a major in Athletic Training does not guarantee admission into the program. Students must formally apply and be admitted into the program and before beginning the professional sequence of courses and/or proceeding into advanced clinical placements. In addition to the academic requirements below, students are expected to adhere to the technical and professional standards of the program. For the most up to date information regarding these standards, program progression, suspension, and termination refer to the Athletic Training program website linked from the School of Health Sciences.

Minimum GPA Requirement: 2.75 When do students apply? Completed applications must be received by September 1 for provisional admission to the program. Students will typically apply for provisional admission to the program during their first semester at WCU. Students must have been provisionally admitted to the program for a minimum of one semester in order to apply for full admission to the program. Application for full admission to the program occurs December 15 of each year. Students will typically apply for full admission to the program during their second academic year at WCU.

Required Pre-requisites: Admission to the professional sequence requires completion of ATTR 150, and ATTR 210 with a grade of C+ or better. Additionally, students must complete ATTR 183, ATTR 221, ATTR 265, ATTR 283 and EMC 240. Students must earn a grade of C+ or better in four of the five additional courses with no pre-requisite courses below a grade of C. Students must also satisfactorily complete all clinical observation requirements at WCU or one of its approved affiliate clinical sites under the direct supervision of an Approved Clinical Instructor prior to full admission to the program.

Retention in the Program: Students fully admitted into the ATTR program must maintain an overall GPA of 2.75 and a major GPA of 2.75 to remain in the program. In addition, students must earn a grade of C+ or better in all but one of the required courses in the major. Once fully admitted into the ATEP, students may be dismissed upon earning any grade below C- in any major course, or, upon the second "C" earned.

Additional Information: Transfer students and WCU varsity athletes should contact the program director for program information. The program is fully accredited by the Commission on Accreditation of Athletic Training Education (CAATE). Students may be required to complete clinical experience during vacation periods and/or during weekends, evenings. Additionally, students may be required to return to campus prior to the beginning of the fall and spring semesters and remain after each semester ends if their clinical education experience requires attendance during these times.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major requires 78 hours as follows:

- ATTR 150 - Introduction to Athletic Training Credits: (3) (2 Lecture, 1 Lab)
- ATTR 183 - Introduction to Clinical Education Credits: (1)
- ATTR 210 - Clinical Anatomy & Biomechanics Credits: (4)
- ATTR 221 - Therapeutic Modalities I Credits: (1)
- ATTR 222 - Therapeutic Modalities II Credits: (1)
- ATTR 265 - Clinical Physiology and Pathology Credits: (4)
- ATTR 283 - Clinical Education I Credits: (1)
- ATTR 284 - Clinical Education II Credits: (1)
- ATTR 323 - Therapeutic Modalities III Credits: (1)
- ATTR 324 - Manual Therapy Credits: (1)
- ATTR 330 - Clinical Measures for the Lower Extremity Credits: (2)
- ATTR 340 - Clinical Measures for the Upper Extremity Credits: (2)
- ATTR 350 - Analysis of Dysfunction of the Lower Extremity Credits: (3)
- ATTR 360 - Analysis of Dysfunction of the Upper Extremity Credits: (3)
- ATTR 370 - Evaluation and Treatment of the Spine Credits: (3)
- ATTR 375 - Therapeutic Exercise Credits: (4)
- ATTR 377 - Physical Adaptation to Exercise Credits: (4)
- ATTR 383 - Clinical Education III Credits: (3)
- ATTR 384 - Clinical Education IV Credits: (3)
- ATTR 410 - Organization and Administration in Athletic Training Credits: (3)
- ATTR 415 - Evidence-Based Practice in Athletic Training Credits: (3)
- ATTR 450 - Radiology and Diagnostic Procedures Credits: (1)
- ATTR 465 - Pathophysiology Credits: (3)
- ATTR 483 - Clinical Education V Credits: (3)
- ATTR 484 - Clinical Education VI Credits: (8)
- EMC 240 - Introduction to Emergency Medical Care Credits: (3)
- EMC 241 - Basic Emergency Medical Techniques Credits: (3)
- ND 342 - Nutrition in Athletics Credits: (3)

General Electives

General electives, 6 hours.

Visit the department's website at <http://www.wcu.edu/4640.asp> to view the 8 semester curriculum guide.

Certificate in Culturally Based Native Health

The Culturally-Based Native Health Program is a collaborative initiative between Western Carolina University, the Eastern Band of Cherokee Indians, and Wake Forest University. Our mission is to provide a culturally oriented approach to training for health professionals serving Native peoples, grounded in a tribal community, and integrated into the core of the University. This is an interdisciplinary Certificate in Culturally Based Native Health and requires 12 credit hours. As an interdisciplinary program, this Certificate is not intended as transitional to a master's degree. All courses are offered online.

Required Courses

- NAS 470 - Cherokee Culture and History Credits: (3)
- NAS 474 - Issues in Indian Health Credits: 3

Elective Courses

- NAS 452 - The Roots of Health Disparities in Native American Populations Credits: (3)
- NAS 471 - Indigenous and Western Psychologies Credits: (3)
- NAS 472 - Healing the Wounded Native Child Credits: (3)
- NAS 476 - American Indian Tobacco and Substance Use Credits: (3)

Clinical Forensics, Minor

This program is on inactive status and no new students are being enrolled.

Minor Requirements

The minor requires 18 hours, including:

- ANTH 251 - Introduction to Forensic Anthropology Credits: (3)
- CJ 150 - Introduction to Criminal Justice & Criminology Credits: (3)
- or*
- CJ 290 - Introduction to Forensic Science Credits: (3)

Guided Electives

- ANTH 364 - Human Osteology Credits: (3)
 - CJ 290 - Introduction to Forensic Science Credits: (3)
 - CJ 323 - Crime Scene Investigations Credits: (3)
 - ENVH 375 - Environmental Toxicology Credits: (3)
- or other courses as recommended by an advisor*

Communication Sciences And Disorders, B.S.

Total number of hours for the program: 128.

This is a preprofessional program. Licensure and certification by the State of North Carolina and the Council on Academic Accreditation of the American Speech-Language-Hearing Association require successful completion of a master's degree.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major requires 42 hours as follows:

- CSD 270 - Introduction to Communication Disorders Credits: (3)
- CSD 272 - Fundamentals of Speech and Language Analysis Credits: (3)
- CSD 301 - Speech and Language Development Credits: (3)
- CSD 370 - Phonetics Credits: (3)
- CSD 372 - Acoustics and Speech Science Credits: (3)
- CSD 380 - Anatomy and Physiology of the Speech Mechanism Credits: (3)
- CSD 421 - Measurement Practices in Communication Disorders Credits: (3)
- CSD 450 - Introduction to Audiology Credits: (3)
- CSD 470 - Speech-Language Disorders in Adults Credits: (3)

- CSD 472 - Aural Rehabilitation Credits: (3)
- CSD 477 - Speech-Language Disorders in Children Credits: (3)
- CSD 478 - Fluency and Voice Disorders Credits: (3)
- CSD 479 - The Clinical Process Credits: (3)
- SPED 240 - The Exceptional Child Credits: (3)

Concentration (24 hours)

Electives

General electives include 20 hours.

Visit the department's website at <http://commdis.wcu.edu> to view the 8 semester curriculum guide.

Criminal Justice, B.S.

Total number of hours for the program: 120.

Admission Requirements: General admission requirements for undergraduate students can be found on the WCU Admission Requirements page. Residential students are not allowed to take distance education courses or select the distance education concentration in Administration of Justice as part of their program. In any case, 50% of earned degree hours and 50% of all courses in the major must be at the 300/400 level. Freshman are welcome to declare a major in criminal justice and an earned AA or AS degree from North Carolina Community College System provides for seamless transfers.

Distance Education: Declaration of a major in distance education Criminal Justice does not guarantee admission into the program. Admission includes a two-stage process, with admission into the university as the first stage and admission into the Criminal Justice program (Administration of Justice concentration) as a separate stage. In addition to the admission requirements listed above, distance education requirements include a cumulative 2.0 GPA or better on all coursework at other colleges or universities and completion of an Associate of Arts or an Associate of Science degree from the community college or completion of the "44 General Core" courses that satisfy the General Education/Liberal Studies requirement for a North Carolina community college. Students must also be able to document at least one year experience in the criminal justice field.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements (49 hours)

Major Core Requirement (16 hours):

- CJ 150 - Introduction to Criminal Justice & Criminology Credits: (3)
- CJ 185 - Majoring in Criminology and Criminal Justice Credits: (1)
- CJ 280 - Research Methods for Criminology & Criminal Justice Credits: (3)
- CJ 355 - Theories of Crime Credits: (3)
- CJ 380 - Statistical Analysis for Criminology & Criminal Justice Credits: (3)
- CJ 495 - Senior Seminar Credits: (3)

Additional requirement for residential students (18 hours) include 6 hours in each of the following areas:

Area 1: The Justice System

- CJ 204 - Criminal Law Credits: (3)
- CJ 305 - Social Justice and the Law Credits: (3)
- CJ 311 - Juvenile Justice and Delinquency Credits: (3)
- CJ 320 - Police in Society Credits: (3)
- CJ 340 - Institutional Corrections Credits: (3)

Area 2: Diversity & Ethics in Criminal Justice

- CJ 347 - Gender & Crime Credits: (3)
- CJ 354 - Comparative Criminal Justice Systems Credits: (3)
- CJ 370 - Ethics in Criminal Justice Credits: (3)
- CJ 438 - Minorities, Crime and Social Policy Credits: (3)

Area 3: Criminological Issues

- CJ 310 - Victimology Credits: (3)
- CJ 351 - Violence in American Society Credits: (3)
- CJ 375 - White-Collar Crime Credits: (3)
- CJ 460 - Drugs and Society Credits: (3)
- CJ 463 - Biosocial Criminology Credits: (3)

Major Electives (15 hours) includes additional major electives and/or additional Area 1, 2, and 3 courses.

Administration of Justice Concentration for Distance Learning Students Only (49 hours)

Major Core requirement (16 hours) as listed above.

Concentration Core (9 hrs) minimum of three of the following:

- CJ 305 - Social Justice and the Law Credits: (3)
- CJ 343 - Criminal Procedure and Judicial Process Credits: (3)
- CJ 434 - Legal Liability and Criminal Justice Personnel Credits: (3)
- CJ 439 - Criminal Justice Management Credits: (3)
- CJ 470 - Criminal Justice Policy Credits: (3)

Concentration Electives (9 hrs) minimum three of the following:

- CJ 322 - Stress Management in Criminal Justice Professions Credits: (3)
- CJ 358 - Computer Applications & Criminal Justice Credits: (3)
- CJ 363 - Geographic Information Systems in Criminal Justice Credits: (3)
- CJ 365 - Cyber Crimes Credits: (3)
- CJ 385 - Issues in Correctional Treatment Credits: (3)
- CJ 425 - Police Practices and Problems Credits: (3)
- CJ 438 - Minorities, Crime and Social Policy Credits: (3)
- EDM 435 - Homeland Security Credits: (3)
- EDM 457 - Terrorism Credits: (3)

Additional Major Electives (15 hours)

Take 15 hours of major elective courses and/or additional hours in the Concentration Core or the Concentration Electives.

General Electives (29 hours)

Criminal Justice, Minor

Total number of hours for the program: 21.

Core Requirement (6 hours)

- CJ 150 - Introduction to Criminal Justice & Criminology Credits: (3)
- CJ 355 - Theories of Crime Credits: (3)

Minor Electives (15 hours) include:

One course from each of the 3 major areas (9 hours)

One course from each of the 3 major areas (9 hours)

- The Justice System
- Diversity & Ethics in Criminal Justice
- Criminological Issues

Two additional courses from major electives (6 hours) and/or additional courses from Areas 1, 2, and 3 of major.

Minor Requirements (21 hours)

Emergency and Disaster Management, B.S.

Total number of hours for the program: 120.

Admission Requirements: The Emergency and Disaster Management major is only offered as a distance education program. Residential students cannot participate in this major. Admissions requirements include a cumulative 2.0 GPA or better on all coursework at other college or universities, completion of an A.A., A.S. or A.A.S. degree from the community college or substantial progress toward "44 General Core" courses that satisfy the General Education/Liberal Studies requirement for North Carolina Community College System provides for seam-less transfers.

Coursework taken in Fire Science, Emergency Medical and Emergency Preparedness programs at North Carolina community colleges may transfer into the major (max. 18 credit hours). Fifty percent of earned degree hours and 50% of all courses in the major must be the 300/400 level.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major requires 48 hours as follows:

Major Core Requirement (27 hours):

- EDM 250 - Introduction to Emergency and Disaster Management Credits: (3)
- EDM 300 - Methods of Disaster Research Credits: (3)
- EDM 322 - Social Dimensions of a Disaster Credits: (3)
- EDM 324 - Emergency Planning Credits: (3)
- EDM 326 - Risk Assessment and Vulnerability Analysis Credits: (3)
- EDM 332 - Disaster Response Operations and Management Credits: (3)
- EDM 335 - Principles of Hazard Mitigation Credits: (3)
- EDM 340 - Political and Policy Basis of Emergency and Disaster Management Credits: (3)
- EDM 435 - Homeland Security Credits: (3)

Major Electives (21 hours)

- EMC 445 - EMC Systems Management Credits: (3)
- COMM 400 - Crisis Communications Credits: (3)
- PSC 303 - State and Local Government Credits: (3)
- PSC 304 - Public Administration Credits: (3)
- EDM Non-Core Courses
- A maximum of 15 hours in other approved electives

General Electives

General Electives (30 hours) are required to complete the program.

Emergency and Disaster Management, Minor

Total number of hours for the program: 18.

Core Requirement (6 hours)

- EDM 250 - Introduction to Emergency and Disaster Management Credits: (3)
- EDM 324 - Emergency Planning Credits: (3)

Minor Electives (12 hours) include:

- COMM 400 - Crisis Communications Credits: (3)
- EDM 326 - Risk Assessment and Vulnerability Analysis Credits: (3)
- EDM 332 - Disaster Response Operations and Management Credits: (3)
- EDM 335 - Principles of Hazard Mitigation Credits: (3)
- EDM 340 - Political and Policy Basis of Emergency and Disaster Management Credits: (3)
- EDM 351 - Resource Management Credits: (3)
- EDM 448 - Emergency Exercise Design and Evaluation Credits: (3)

- EDM 480 - Independent Study in Emergency and Disaster Management Credits: (1-3, R6)
- EDM 493 - Topics in Emergency and Disaster Management Credits: (1-3, R12)
- EMC 445 - EMC Systems Management Credits: (3)
- ENVH 380 - Biosafety and Bioterrorism Credits: (3)
- PSC 303 - State and Local Government Credits: (3)
- PSC 304 - Public Administration Credits: (3)
or approval by the program director.

Emergency Medical Care, B.S.

Total number of hours for program: 128.

Declaration of a major in Emergency Medical Care does not guarantee admission into the program. Students must formally apply and be admitted into the program and before beginning the professional sequence of courses and/or proceeding into clinical placements. In addition to the academic requirements below, students are expected to adhere to the technical and professional standards of the program. For the most up to date information regarding these standards, program suspension, and termination refer to the Emergency Medical Care program website linked from the School of Health Sciences.

Minimum GPA Requirement: 2.0

When do students apply? Applicants must hold or be eligible for North Carolina EMT certification and forward an application to the program office by February 15 of each year for entry the following August.

Required Pre-requisites: Complete a minimum of 60 semester hours including all liberal studies and pre-professional courses.

Retention in the Program: Students admitted to the professional sequence must earn a grade of C (2.0) or better in each EMC course in the major and an overall 2.0 GPA to remain in the program.

Additional Information: An accelerated curriculum available for associate degree medical laboratory technicians normally allows completion of degree requirements in two years. Articulating and other transfer students holding current paramedic certification should contact the program director about degree requirements and program admission. WCU's EMC Program is accredited by the Committee on Accreditation of Education Programs for the EMS Professions (CoAEMSP).

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major requires at least 81 hours (excluding General Electives):

- EMC 340 - Introduction to Clinical Medicine Credits: (3)
- EMC 350 - Cardiology Credits: (2)
- EMC 351 - Basic ECG Interpretation Credits: (1)
- EMC 360 - Acute Fluid and Respiratory Disorders Credits: (3)
- EMC 361 - Advanced Emergency Medical Techniques Credits: (1)
- EMC 370 - Medical Emergencies Credits: (3)
- EMC 381 - Clinical Practicum I Credits: (1)

- EMC 382 - Clinical Practicum II Credits: (1)
- EMC 410 - Trauma Management Credits: (2)
- EMC 420 - Maternal and Child Emergency Care Credits: (3)
- EMC 430 - Special Needs Patients Credits: (1)
- EMC 451 - Advanced ECG Interpretation Credits: (1)
- EMC 452 - Advanced Cardiac Life Support Credits: (1)
- EMC 461 - Simulation Laboratory Credits: (1-3)
- EMC 483 - Clinical Practicum III Credits: (1-4)
- EMC 484 - Clinical Practicum IV Credits: (2)
- EMC 485 - MICU Practicum Credits: (1-3)
- EMC 496 - Senior Seminar in Emergency Medical Care Credits: (1)
- EMC 240 - Introduction to Emergency Medical Care Credits: (3)
(course to be completed before the junior-year.)
- EMC 241 - Basic Emergency Medical Techniques Credits: (3)
(course to be completed before the junior-year.)
- HSCC 330 - Legal and Legislative Aspects of Health Care Credits: (1-3)
- EMC 321 - Pharmacology Techniques Credits: (1)

Plus

- BIOL 291 - Human Anatomy and Physiology I Credits: (4)
(course to be completed before the junior-year.)
- BIOL 292 - Human Anatomy and Physiology II Credits: (4)
(course to be completed before the junior-year.)
- CHEM 132 - Survey of Chemistry I Credits: (4)
(Course to be completed before the junior-year. For Health Management and Wilderness Medicine Concentrations.)
- CHEM 133 - Survey of Chemistry II Credits: (4)
(Course to be completed before the junior-year. For Health Management and Wilderness Medicine Concentrations.)
or
- CHEM 140 - Advanced General Chemistry Credits: (4)
(Course to be completed before the junior-year. For Science Concentration)
and
- CHEM 241 - Organic Chemistry I Credits: (3)
(Course to be completed before the junior-year. For Science Concentration)

Concentration

Concentration selected from:

Science Concentration (17 hours)

- CHEM 242 - Organic Chemistry II Credits: (3)
- CHEM 272 - Organic Chemistry Lab Credits: (2)
- HSCC 470 - Research Methods in Health Science Credits: (3)
- PHYS 130 - Introductory Physics I Credits: (4)
- PHYS 131 - Introductory Physics II Credits: (4)

Plus

2 hours from:

- BIOL courses
- CHEM Courses
- ENVH 470 - Principles of Epidemiology Credits: (4)

Health Management Concentration (17 hours)

- HSCC 311 - Systems and Trends in Health Care Delivery Credits: (3)
- HSCC 318 - Department Administration Credits: (3)
- HSCC 450 - Financial Management in Health Care Credits: (3)
- HSCC 470 - Research Methods in Health Science Credits: (3)

Plus

6 hours from:

- ACCT 161 - Accounting for the Non-Business Major Credits: (3)
- ECON 231 - Introductory Microeconomics and Social Issues Credits: (3)
- EMC 445 - EMC Systems Management Credits: (3)
- EMC 488 - EMC Management Internship Credits: (2, R4)
- HSCC 320 - Human Resource Management in Health Care Agencies Credits: (3)
- HSCC 440 - Quality Management in Health Care Agencies Credits: (3)
- HSCC 471 - Research Project Credits: (1, R2)
- MATH 170 - Applied Statistics Credits: (3)
- MGT 304 - Human Resource Management Credits: (3)
- MGT 306 - Behavioral Science in Organizations Credits: (3)

Wilderness Medicine Concentration: Inactive

Electives

General electives (10-11 hours) depending on selection concentration and hours in the major that also count for Liberal Studies.

Visit the department's website at <http://www.wcu.edu/4637.asp> to view the 8 semester curriculum guide.

Environmental Health, B.S.

Total number of hours for program: 124.

Declaration of a major in Environmental Health does not guarantee admission into the program. Students must maintain an overall 2.3 GPA and earn a grade of C (2.0) or above in each of the core environmental health courses in order to remain in the program. In addition, students are expected to adhere to the technical and professional standards of the program. For the most up to date information regarding these standards, program suspension and termination, refer to the Environmental Health Program website linked from the School of Health Sciences. The program is nationally accredited by the National Environmental Health Science and Protection Accreditation Council (EHAC).

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major requires 68 hours as follows:

- BIOL 313 - Microbiology in Health and Nutrition Credits: (4)
- CHEM 139 - General Chemistry I Credits: (4)
- CHEM 140 - Advanced General Chemistry Credits: (4)
- CHEM 330 - Aquatic Chemistry Credits: (Lecture 3; Lab 1)
- CHEM 331 - Environmental Organic Chemistry Credits: (1 or 3)
- ENVH 230 - Introduction to Environmental Health Science Credits: (3)
- ENVH 260 - Etiology of Infectious Diseases, Lecture Credits: (2)
- ENVH 261 - Etiology of Infectious Diseases Laboratory Credits: (1-2)
- ENVH 310 - Water Quality Control Credits: (3)
- ENVH 311 - Water Quality Control Laboratory Credits: (1)
- ENVH 330 - Food Protection and Sanitation Credits: (3)
- ENVH 331 - Food Protection and Sanitation Laboratory Credits: (1)
- ENVH 375 - Environmental Toxicology Credits: (3)
- ENVH 430 - Medical Entomology Credits: (3)
- ENVH 431 - Medical Entomology Laboratory Credits: (1)
- ENVH 440 - Air Quality Control Credits: (3)
- ENVH 450 - Quantitative Air Analysis Credits: (2)
- ENVH 457 - Industrial Hygiene Credits: (3)
- ENVH 458 - Environmental Regulation and Law Credits: (3)
- ENVH 460 - Senior Seminar in Environmental Health Credits: (1)
- ENVH 470 - Principles of Epidemiology Credits: (4)
- ENVH 483 - Environmental Health Internship Credits: (1-3, R6)
- MATH 146 - Precalculus Credits: (4)
- PHYS 130 - Introductory Physics I Credits: (4)

Total 68 hours

Additional Requirements

6 hours of Guided Electives in such areas as environmental health (ENVH), chemistry (CHEM), environmental science (ES), natural resources management (NRM), biology (BIOL), geology (GEOL) and foreign language are required. The area of concentration will be chosen in conjunction with the student's advisor.

General Electives

General electives (8 hours) are required to complete the program.

Total Hours: 124

Visit the department's website at <http://www.wcu.edu/4636.asp> to view the 8 semester curriculum guide.

Environmental Health, Minor

Total number of hours for the program: 18.

A minor in environmental health requires 18 hours of Environmental Health courses. At least 12 hours must be at the junior/senior level. ENVH 190 is not a valid course for the minor.

Health Information Administration, B.S.

Total number of hours for the program: 122.

Declaration of a major in Health Information Administration does not guarantee admission into the program. Students must formally apply and be admitted into the program and before beginning the professional sequence of courses and/or proceeding into clinical placements. In addition to the academic requirements below, students are expected to adhere to the technical and professional standards of the program. For the most up to date information regarding these standards, program suspension, and termination refer to the Health Information program website linked from the School of Health Sciences. **Minimum GPA Requirement: 2.25** When do students apply? Students may apply to the program after or while completing a minimum of 60 semester hours including all liberal studies and pre-professional courses with a 2.25 GPA.

Required Pre-requisites: None Retention in the Program: In order to remain in the program, students must earn a grade of C (2.0) or above in each professional course (HSCC and HIA prefixes).

Additional Information: The Health Information Administration program is accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM). HIA graduates are eligible to take the national certification examination. Successful completers of the exam earn the Registered Health Information Administrator (RHIA) credential.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Liberal Studies Requirements

BIOL 291 (4) may be used to meet liberal studies requirements. Students using this option will need 3 hours of additional electives to complete the 122 hour program.

Major Requirements

The major requires 68 hours as follows:

- BA 300 - Business Communications Credits: (3)
- BIOL 291 - Human Anatomy and Physiology I Credits: (4)
- BIOL 292 - Human Anatomy and Physiology II Credits: (4)
- HIA 310 - Introduction to Health Information Administration Credits: (2)
- HIA 313 - Health Care Statistics and Registries Credits: (3)
- HIA 314 - Health Data Systems Credits: (3)
- HIA 322 - Inpatient Coding Credits: (3)
- HIA 324 - Outpatient Coding Credits: (3)
- HIA 326 - Principles of Disease Credits: (4)
- HIA 387 - Professional Practice Experience I Credits: (1)
- HIA 388 - Professional Practice Experience II Credits: (1)
- HIA 412 - Health Care Reimbursement Credits: (3)
- HIA 418 - Organization Administration Credits: (3)
- HIA 420 - Health Care Informatics Credits: (3)
- HIA 487 - Professional Practice Experience III Credits: (1)
- HIA 488 - Professional Practice Experience IV Credits: (4)
- HIA 495 - Seminar in Health Information Administration Credits: (3)

- HSCC 220 - Medical Terminology Credits: (3)
- HSCC 311 - Systems and Trends in Health Care Delivery Credits: (3)
- HSCC 318 - Department Administration Credits: (3)
- HSCC 330 - Legal and Legislative Aspects of Health Care Credits: (1-3)
- HSCC 440 - Quality Management in Health Care Agencies Credits: (3)
- HSCC 450 - Financial Management in Health Care Credits: (3)
- HSCC 470 - Research Methods in Health Science Credits: (3)

Electives

Electives (12 hours) are required to complete the program.

Additional Information

Visit the department's website at <http://www.wcu.edu/4635.asp> to view the 8 semester curriculum guide.

Nursing, B.S.N. Degree/Basic Curriculum Option

Pre-Licensure Nursing

Declaration of a major in pre-nursing does not guarantee admission into the program. Students must formally apply and be admitted into the program before beginning the professional sequence of courses and/or proceeding into clinical placements. Admission to the upper-division nursing major is competitive, and priority is given to the best qualified students. Admission is based on cumulative GPA (3.00) minimum on all previous undergraduate college work and test scores. In addition to the academic requirements below, students are expected to adhere to the technical and professional standards and safe practice policies of the program. For the most up to date information regarding these standards, refer to the Nursing program website.

Minimum GPA Requirement: 3.00

When do students apply? To be considered for admission, all students must have completed, or be in the process of completing, 60 semester hours of college work, including program requirements. Applications from non-RNs are accepted twice per year. Refer to the nursing website (<http://nursing.wcu.edu>) for applicant deadlines.

Required Pre-requisites: To be considered for admission, all students must have completed, or be in the process of completing, 60 semester hours of college work, including program requirements.

Retention in the Program: Students must take and pass with a grade of C (2.00) or better all required courses in sequence and demonstrate professional and safe nursing practice. In addition, courses which combine selected content areas require the student to demonstrate competency in each content area by achieving a minimum exam score average of C (77%). For more information on retention policies in the nursing program, refer to the Nursing program website.

Accelerated Entry-Option For Second Degree Students - Pre-Licensure Nursing Track

The accelerated 12-month option provides a fast track for students ready for a challenging transition to a career as a bachelor-of-science-educated registered nurse. The course requirements for the ABSN are the same as for the traditionally scheduled program, however the content is taught in a compressed format. The ABSN is designed for non-working, full-time students. The ABSN option is taught on the Enka campus of Asheville-Buncombe Community College. Admission is based on cumulative GPA (3.00) minimum on all previous undergraduate college work and test scores. An interview with ABSN Admissions Committee (scheduled after application is complete) is also required.

The “accelerated” pre-licensure entry-option, ABSN, is only for persons who

- Already have a bachelor’s (or higher) degree in another discipline from an accredited college or university
- Have completed the prerequisites for the nursing major as listed on the website.
- Can commit to an intense 12-month course of study
- In addition to the academic requirements below, students are expected to adhere to the technical and professional standards and safe practice policies of the program

Minimum GPA Requirement: 3.0 cumulative GPA from all undergraduate institutions.

When do students apply? Applicants are accepted twice per year. Refer to the nursing website (<http://nursing.wcu.edu>) for application deadlines.

Retention in the Program: Students must take and pass with a grade of C (2.00) or better all required courses in sequence and demonstrate professional and safe nursing practice. In addition, courses which combine selected content areas require the student to demonstrate competency in each content area by achieving a minimum exam score average of C (77%). For more information on retention policies in the nursing program, refer to the Nursing program website.

Total number of hours for the program: 128.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Nursing Major Prerequisite Requirements (20 hours)

- NSG 101 - Introduction to Professional Nursing Credits: (1)
- BIOL 291 - Human Anatomy and Physiology I Credits: (4)
- BIOL 292 - Human Anatomy and Physiology II Credits: (4)
- CHEM 132 - Survey of Chemistry I Credits: (4)
- or*
- CHEM 139 - General Chemistry I Credits: (4)
- or*
- CHEM 140 - Advanced General Chemistry Credits: (4)
- CHEM 133 - Survey of Chemistry II Credits: (4)
- ENVH 260 - Etiology of Infectious Diseases, Lecture Credits: (2)
- ENVH 261 - Etiology of Infectious Diseases Laboratory Credits: (1-2)
- MATH 130 - College Algebra Credits: (3) or higher level math
- ND 338 - Normal and Therapeutic Nutrition Credits: (3)
- NSG 346 - Pathophysiology for Nursing Credits: (3)
- PSY 150 - General Psychology Credits: (3)
- (or approved substitute)*

***NOTE: 12 hours of Liberal Studies requirements will be met by nursing prerequisites:**

3 hours (C2)

6 hours (C5)

3 hours (P1)

Nursing Major Requirements (60 hours)

- NSG 310 - Foundations of Nursing Credits: (4)
- NSG 311 - Foundations of Nursing Practicum Credits: (3)
- NSG 312 - Nursing Assessment thru the Lifespan Credits: (3)
- NSG 313 - Pharmacotherapeutics in Nursing Credits: (2)
- NSG 314 - Nursing Informatics Credits: (1)
- NSG 320 - Concepts of Adult Nursing Credits: (4)
- NSG 321 - Adult Nursing Practicum Credits: (4)
- NSG 322 - Concepts of Geriatric Nursing Credits: (2)
- NSG 323 - Pharmacotherapeutics in Nursing II Credits: (2)
- NSG 324 - Evidence Based Nursing Practice Credits: (2)
- NSG 315 - Nursing Ethics and Health Policy Credits: (2)
- NSG 410 - Concepts of Adult Nursing II Credits: (4)
- NSG 411 - Adult Nursing II Practicum Credits: (4)
- NSG 412 - Concepts of Maternal/Child Nursing Credits: (3)
- NSG 413 - Maternal/Child Nursing Practicum Credits: (3)
- NSG 414 - Advanced Technology & Pharmacotherapeutics Credits: (2)
- NSG 420 - Synthesis of Nursing Concepts Credits: (2)
- NSG 421 - Synthesis of Nursing Practicum Credits: (3)
- NSG 422 - Concepts of Community/Mental Health Nursing Credits: (4)
- NSG 423 - Community/Mental Health Nursing Practicum Credits: (4)
- NSG 424 - Concepts of Nursing Leadership in Management Credits: (2)

Electives (6 hours)

General electives (6 hours) are required to complete the program, depending on liberal studies courses chosen.

Visit the department's website at <http://www.wcu.edu/4193.asp> to view the 8 semester curriculum guide.

Nursing, B.S.N. Degree/RN to BSN Track (formerly Capstone)

RN to BSN Nursing Track

To be admitted to the program, students must satisfy the following admission prerequisites: • A current, unrestricted license to practice as an RN in North Carolina (includes Compact states). • A cumulative GPA of 2.5 or higher on all post-secondary courses. • Completion of the School of Nursing course prerequisites and the WCU Liberal Studies requirements with grades of C or better. • Accumulation of at least 60 semester non-nursing credit hours. • The WCU Liberal Studies requirement is waived if student has a previous baccalaureate degree or an Associate of Arts or Associate of Science from a North Carolina Community College. An Associate of Applied Science degree does not waive this requirement.

Retention in the Program: Students must maintain a cumulative GPA of 2.25 overall in the major and earn a grade of C (2.0) or better in each required course in the major in order to remain in the program. • Students are expected to adhere to the technical and professional standards and safe practice policies of the program. • For the most up to date

information regarding standards, refer to the Nursing program website. • See the Nursing program website for application deadlines.

The RN to BSN track is only for persons who

• Have a current, unrestricted license to practice as an RN in North Carolina OR will have such a license before starting WCU NSG courses. • Have completed WCU Liberal Studies requirements • Have at least 60 semester hours not counting previous Nursing courses • Desire the convenience of an on-line program (two required meeting per semester on the Enka Campus).

Total number of hour for the program: 122.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major requires 72 hours as follows:

- BIOL 291 - Human Anatomy and Physiology I Credits: (4)
- BIOL 292 - Human Anatomy and Physiology II Credits: (4)
- ENVH 260 - Etiology of Infectious Diseases, Lecture Credits: (2)
and
- ENVH 261 - Etiology of Infectious Diseases Laboratory Credits: (1-2)
(or approved substitute)
- NSG 301 - Professional Transitions in Nursing Credits: (3)
- NSG 302 - Community Health Nursing I: Theory Credits: (3)
- NSG 305 - Community Health Nursing III: Intervention Project Credits: (1)
- NSG 384 - Community Health Nursing II: Practicum Credits: (2)
- NSG 398 - APA Writing Style and Format Credits: (1)
- NSG 399 - Clinical Update for RN's Credits: (2)
Block credit by School of Nursing validation on successful completion of NSG 399, 30 hours.
- NSG 460 - Nursing Leadership I: Theory Credits: (3)
- NSG 471 - Nursing Research I: Research Process Credits: (2)
- NSG 472 - Nursing Research II: Critical Reading Credits: (2)
- NSG 473 - Nursing Research III: Clinical Application Credits: (2)
- NSG 483 - Nursing Leadership II: Practicum Credits: (2)
- NSG 484 - Nursing Leadership III: Intervention Project Credits: (1)
- PSY 150 - General Psychology Credits: (3)

Plus

- CHEM 132 - Survey of Chemistry I Credits: (4)
or
- CHEM 133 - Survey of Chemistry II Credits: (4)
or
- CHEM 140 - Advanced General Chemistry Credits: (4)
or one college-transfer chemistry course with a lab

Electives

General electives (8 hours) are required from WCU at the upper-division level to satisfy degree requirements.

RN to MS(N) early-entry option:

Purpose: To assist selected RNs with good academic records to move smoothly through the RN to BSN curriculum directly into MS(N) study for advanced nursing roles. Normally, the student would take 8 semester hours of WCU undergraduate upper-division electives to complete the BSN. These electives could be replaced with up to 8 hours of WCU MS(N) graduate-level work, reducing the time needed to complete both degrees by one semester.

Students interested in this option should consult with both their RN to BSN advisor and the RN to MS(N) advisor.

Application requirements for the RN to MS(N) early-entry option:

- Admission to and enrollment in the WCU RN to BSN program.
- Completion of at least 12 of the required 24 hours of WCU RN to BSN NSG courses, with projected completion of the remaining hours before or during the semester of **application** to the WCU RN to MS(N) early-entry option.
- GRE submitted with acceptable scores
- Statistics course completed from any accredited institution in any discipline
- GPA of 3.00 on last 60 hours or cumulative post-secondary GPA of 2.85
- Professional statement and resume

Enrollment in the RN to MS(N) entry option does not guarantee admission to the MS(N) program. Admission of the RN to MS(N) applicant is provisional until the BSN is successfully completed.

If RN students are admitted provisionally to the early-entry option at WCU, this option replaces the WCU undergraduate upper-division electives needed for the RN to BSN with up to eight hours of MS(N) graduate credits. The BSN is then awarded by WCU.

If RN students are admitted provisionally to the early-entry option at WCU but elect not to finish it, they may apply any combination of WCU undergraduate upper-division electives with WCU MS(N) graduate credits for a total of eight hours to complete the BSN.

If RN students are not admitted provisionally to the early-entry option at WCU, they may still complete the BSN by taking eight hours of WCU undergraduate upper-division electives.

Visit the department's website at <http://www.wcu.edu/4193.asp> to view the semester curriculum guide.

Nursing, B.S.N. Regionally Increasing Baccalaureate Nurses (RIBN) Program

Total number of hours for the program: 128.

The RIBN track provides a separate option for students desiring a career as a bachelor-of-art educated registered nurse. Students will be dual enrolled at WCU and AB Tech throughout the 4 year program and will have to meet both schools/programs admission requirements. Major prerequisites and nursing courses for first 3 years will be taken at AB Tech; students will take one liberal studies course per semester at WCU. Fourth year will be nursing courses at WCU.

First Year (32 semester hours)

Fall

- Liberal Studies Perspectives course (3)

Spring

- PSY 150 - General Psychology Credits: (3)

AB Tech Courses (26 hours)

Sophomore Year (40 Semester Hours)

Fall

- Liberal Studies Perspectives course (3)

Spring

- Liberal Studies Perspectives course (3)

Summer

- NSG 346 - Pathophysiology for Nursing Credits: (3)

AB Tech courses (31 hours)

Fall Junior Year (16 semester hours)

- Upper Level Perspectives course (3)

AB Tech courses (13 hours)

Spring Junior (16 semester hours)

- Upper Level Perspectives course (3)

AB Tech courses (13 hours)

Fall Senior Year (12 semester hours)

- NSG 302 - Community Health Nursing I: Theory Credits: (3)
- NSG 303 - Spiritual Dimensions of Nursing Credits: (3)
- NSG 322 - Concepts of Geriatric Nursing Credits: (2)
- NSG 327 - Essentials of Baccalaureate Nursing Credits: (4)
- NSG 384 - Community Health Nursing II: Practicum Credits: (2)

Spring Senior year (12 semester hours)

- NSG 420 - Synthesis of Nursing Concepts Credits: (2)
- NSG 421 - Synthesis of Nursing Practicum Credits: (3)
- NSG 471 - Nursing Research I: Research Process Credits: (2)
- NSG 472 - Nursing Research II: Critical Reading Credits: (2)
- NSG 473 - Nursing Research III: Clinical Application Credits: (2)

Nutrition and Dietetics, B.S.

Total number of hours for the program: 120.

Declaration of a major in Nutrition and Dietetics does not guarantee admission into the program. Students must formally apply and be admitted to the program before beginning the professional sequence of courses in the junior year. In addition to the academic requirements below, students are expected to adhere to the technical and professional standards of the program. For the most up to date information regarding these standards, program progression, suspension, and termination refer to the Nutrition and Dietetics program website linked from the School of Health Sciences.

Minimum GPA Requirement: 2.75

When do students apply? Completed applications must be received by the Tuesday following the Martin Luther King Jr. holiday in January. Students will typically apply for admission to the program during the spring semester of their sophomore year. The application form and further information are available on the program website.

Required Pre-requisites: Admission to the professional sequence requires completion of ND 239 and ND 330 with a grade of at least a "B" (not a B-) as well as the following science and math courses or their equivalent with a grade of at least a "C" (not a C-): CHEM 132, 133, BIOL 140, 240, 293, and 313 and MATH 170.

Retention in the Program: Students admitted to the program must maintain an overall GPA of 2.75 and a major GPA of 2.75 to remain in the program. In addition, students must earn a grade of C+ or better in all ND-prefix courses.

Verification Statement and Progression to the RD: The WCU's didactic program in dietetics (DPD) is fully accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics (AND). Program graduates will receive a verification statement and will be eligible to apply to an ACEND- accredited dietetic internship program. Internships are competitive and application does not guarantee acceptance. Upon successful completion of an internship, graduates will be eligible to take the national registration examination to become a credentialed registered dietitian (RD). WCU offers the dietetic internship as part of the Masters of Health Science degree program.

Additional Information: Transfer students should contact the program director for further information.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

Nutrition and Dietetics Major Prerequisite Requirements: 37 hours

(12 hours of prerequisites will meet liberal studies requirements.)

- BIOL 140 - Principles of Biology I Credits: (4)
- BIOL 240 - Introduction to Genetics Credits: (4)
- BIOL 293 - Human Physiology for Health Science Majors Credits: (4)

- BIOL 313 - Microbiology in Health and Nutrition Credits: (4)
- CHEM 132 - Survey of Chemistry I Credits: (4)
- CHEM 133 - Survey of Chemistry II Credits: (4)
- HSCC 220 - Medical Terminology Credits: (3)
- MATH 170 - Applied Statistics Credits: (3)
- ND 239 - Dietetics as a Profession Credits: (1)
- ND 330 - Human Nutritional Needs Credits: (3)
- PSY 150 - General Psychology Credits: (3)

Nutrition and Dietetics Major Core Requirements (47 hours):

- EMC 320 - Introduction to Pharmacology Credits: (3)
- HSCC 470 - Research Methods in Health Science Credits: (3)
- HSCC 471 - Research Project Credits: (1, R2)
- ND 331 - Food Science Credits: (4)
- ND 333 - Quantity Food Production Credits: (3)
- ND 334 - Nutritional Assessment Credits: (3)
- ND 335 - Nutrition Through the Life Cycle Credits: (3)
- ND 336 - Nutrition Interviewing and Counseling Skills Credits: (2)
- ND 340 - Community Nutrition Credits: (3)
- ND 432 - Institutional Food Service Management I Credits: (3)
- ND 435 - Institutional Food Service Management II Credits: (3)
- ND 439 - Introduction to Professional Practice Credits: (1)
- ND 441 - Nutritional Biochemistry I Credits: (3)
- ND 442 - Nutritional Biochemistry II Credits: (3)
- ND 451 - Medical Nutrition Therapy I Credits: (3)
- ND 452 - Medical Nutrition Therapy II Credits: (3)
- ND 453 - Therapeutic Nutrition Laboratory Credits: (1)
- ND 461 - Nutrition & Dietetics Capstone Credits: (2)

Note: 12 hours of Liberal Studies requirements will be met by competing the major core requirements.

Electives

General electives (8 hours) are required to complete the program.

Visit the department's website at <http://www.wcu.edu/4633.asp> to view the 8 semester curriculum guide.

Nutrition and Dietetics, Minor

Total number of hours for the program: 20.

Minor Requirements

The minor requires 20 hours, including:

- ND 239 - Dietetics as a Profession Credits: (1)
- ND 330 - Human Nutritional Needs Credits: (3)
- ND 331 - Food Science Credits: (4)
- ND 334 - Nutritional Assessment Credits: (3)

- ND 340 - Community Nutrition Credits: (3)

Electives

Select 6 hours of approved electives from the following:

- ND 310 - Food, Nutrition, and Culture Credits: (3)
- ND 335 - Nutrition Through the Life Cycle Credits: (3)
- ND 336 - Nutrition Interviewing and Counseling Skills Credits: (2)
- ND 444 - Nutrition Education Credits: (3)
- ND 450 - Nutrition Theory for Health Professionals Credits: (3)

Recreational Therapy, B.S.

Total number of hours for the program: 120.

Declaration of a major in Recreational Therapy does not guarantee admission into the program. Students must formally apply and be admitted into the program and before beginning the professional sequence of courses and/or proceeding into clinical placements. In addition to the academic requirements below, students are expected to adhere to the technical and professional standards of the program. For the most up to date information regarding these standards, program suspension, and termination refer to the Recreational program website linked from the School of Health Sciences. **Minimum GPA Requirement: 2.5** When do students apply? Students may apply for admission to the major at any time after becoming a student at WCU.

Required Pre-requisites: None Retention in the Program: Students admitted to the program must earn a grade of C or better in each RTH course in the major and must maintain an overall GPA of 2.50 to remain in the program.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major requires 71 hours as follows:

- RTH 200 - Foundations of Recreational Therapy Credits: (3)
- RTH 350 - Recreational Therapy and People with Physical Disabilities Credits: (3)
- RTH 352 - Recreational Therapy Processes and Techniques Credits: (3)
- RTH 360 - Recreational Therapy Services for Older Adults Credits: (3)
- RTH 370 - Methods in Recreational Therapy Credits: (3)
- RTH 395 - Pre-Internship Seminar Credits: 1
- RTH 401 - Client Assessment in Recreational Therapy Credits: (3)
- RTH 405 - Recreational Therapy in Behavioral Health Credits: (3)
- RTH 417 - Administration of Recreational Therapy Services Credits: (3)
- RTH 470 - Adventure-Based Recreational Therapy Credits: (3)
- RTH 484 - Recreational Therapy Clinical Internship Credits: (6)
- RTH 485 - Recreational Therapy Clinical Internship Credits: (6)
- BIOL 291 - Human Anatomy and Physiology I Credits: (4)
- BIOL 292 - Human Anatomy and Physiology II Credits: (4)
- COUN 325 - Survey of Human Development Credits: (3)
- COUN 430 - Individual and Group Counseling Credits: (3)

- HEAL 250 - First Aid and Safety Education Credits: (2)
- HSCC 220 - Medical Terminology Credits: (3)
- PRM 270 - Leadership and Group Dynamics in Recreation Credits: (3)
- PSY 150 - General Psychology Credits: (3)
- PSY 470 - Abnormal Psychology Credits: (3)

Select one course from the following:

- PE 365 - Physical Activity and Aging Credits: (3)
- PE 423 - Kinesiology Credits: (3)
- HPE 225 - Applied Kinesiology II - Exercise Physiology Credits: (4)
- HPE 235 - Motor Behavior Credits: (3)

Electives

General electives (7-14 hours) are required to complete the program. The range of electives is contingent on the student's completion of PSY 150 (3 credits) and BIOL 291 (4 credits) within the Liberal Studies Program. If the student does not complete PSY 150 and BIOL 291 within Liberal Studies requirements, the student will have only 7 hours of electives available.

NOTE:

Students may apply for admission to the major at anytime after becoming a student at WCU. Admission to the bachelor of science degree requires completion of the application for new majors. The recreational therapy admission application includes development of a strategic plan for undergraduate studies in recreational therapy, submission of a reflective essay on why the applicant is choosing to study recreational therapy, and completion of the recreational therapy pre-admission knowledge assessment. Application to the program does not assure acceptance. Students admitted to the program must earn a grade of C or better in each RTH course in the major and must maintain an overall GPA of 2.50 to remain in the program.

Visit the department's website at <http://www.wcu.edu/4632.asp> to view the 8 semester curriculum guide.

Social Work, B.S.W.

Total number of hours for the program: 120.

Declaration of a major in Social Work does not guarantee admission into the program. Students must formally apply and be admitted into the program and before beginning the professional sequence of courses and/or proceeding into clinical placements. In addition to the academic requirements below, students are expected to adhere to the technical and professional standards of the program. For the most up to date information regarding these standards, program suspension, and termination refer to the Social Work program website linked from the College of Health and Human Sciences. **Minimum GPA Requirement: 2.5** When do students apply? Students must complete application and submit to the department by the third Monday in September or third Monday of February.

Required Pre-requisites: SOCW 151 completed and be enrolled in SOCW 251 and SOCW 253.

Retention in the Program: Students must maintain an overall GPA of 2.5 and make a "C" or above in all social work courses.

Additional Information: The Social Work Program has been accredited by the Council of Social Work Education (CSWE) since 1974.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major requires 60 hours. Only grades of C (2.0) or higher in required and elective social work courses will satisfy requirements for the major. The following courses are required:

- SOCW 151 - Introduction to Social Work Credits: (3)
- SOCW 251 - Social Issues, Policy and Programs Credits: (3)
- SOCW 253 - Interviewing Skills for Practice Credits: (3)
- SOCW 334 - Human Behavior and the Social Environment: Life Stages Credits: (3)
- SOCW 335 - Social Work Research and Evaluation Credits: (3)
- SOCW 354 - Human Behavior and the Social Environment: Person-In-Environment Credits: (3)
- SOCW 362 - Direct Practice: Individuals, Families and Groups Credits: (3)
- SOCW 364 - Community Practice Credits: (3)
- SOCW 402 - Diversity in Contemporary Society Credits: (3)
- SOCW 486 - Field Practicum Credits: (12)
- SOCW 496 - Field Practicum Seminar Credits: (3)

Electives

9 hours of social work electives and general electives (18-27 hours) are required to complete the program.

Additional Requirements

A grade of C (2.0) is required in the following courses:

- PSC 150 - American Government and Politics Credits: (3)
- PSY 150 - General Psychology Credits: (3)
- BIOL 104 - Human Biology Credits: (3)

Admission Information

Declaration of a major in social work does not guarantee admission to the program. Students are eligible to apply for admission when they have attained an overall 2.50 GPA, have completed 35 credit hours, and in addition, have completed SOCW 151, SOCW 251, and SOCW 253 (or be enrolled in SOCW 251 and SOCW 253). Students must maintain an overall 2.50 GPA each semester after admission in order to remain in the program. See the Department of Social Work's "Admission and Termination Policies" for detailed information.

Visit the department's website at http://cas.wcu.edu/sw/SW_undergrad.htm to view the 8 semester curriculum guide.

Social Work, Minor

Total number of hours for the program: 18.

Minor Requirements

The minor requires 18 hours, including:

- SOCW 151 - Introduction to Social Work Credits: (3)
- SOCW 251 - Social Issues, Policy and Programs Credits: (3)

Additional Requirements

12 hours of social work courses.

Honors College

Office Info 101 Balsam Hall/Main Campus (828) 227-7383

Honors College Website

Brian Railsback, Dean Steve Carlisle, Associate Dean Emily Sharpe, Director of Honors Advising and Pre-Professional Programs

The College serves over 1,300 Honors students and manages programs that are open to all undergraduates at Western Carolina University. The Honors College is a student-centered enterprise that enhances the educational experience for high-achieving students, encourages innovative teaching, learning, and curriculum development, serves students and faculty across all disciplines, and encourages and supports undergraduate research. Of special emphasis is *The Honors Path*, an educational framework designed to help Honors students make the most of their abilities.

Honors College Benefits. Honors College students are invited to live in Balsam or Blue Ridge Halls. Honors students also benefit from a special diploma (see “Honors College Diploma” below), priority registration, the opportunity to customize their curriculum (see “Honors Curriculum” below), access to Honors courses and special library privileges. Social events put on by The Honors College Student Board of Directors, such as dances, lectures, parties, special trips, or tournaments, are open to all Western Carolina University students.

Admission. To be considered for The Honors College, incoming first-year students must have a high school record that meets at least one of these standards: weighted 4.0, 1875 SAT or 30 ACT, or top 10% of the high school class. First-year students who achieve a 3.50 GPA or above on at least 12 credit hours in the first semester at Western Carolina University will be invited to join The Honors College. After the first semester, students who have at least a cumulative 3.5 GPA are welcome to meet with the Dean to be considered for admission on a case-by-case basis. Transfer students who have a cumulative 3.5 GPA from an accredited college or university are encouraged to apply for admission to The Honors College.

To Remain in The College. Honors College students must maintain a 3.10 cumulative GPA at 1 to 29 credit hours, a 3.20 GPA at 30 to 59 hours, and must have a cumulative 3.33 GPA at 60 hours until graduation. Until completing the required 24 Honors hours for the diploma, Honors students must earn at least 3 hours of Honors credit each semester; students lacking at least 3 Honors hours will be put on probation after the first term, and then removed from The Honors College if 3 Honors hours are not completed by the end of the second term. A student who is dropped from The Honors College may be reinstated if the cumulative GPA is brought up to an acceptable level. Students dropped from Honors due to a lack of Honors hours per term can meet with the Dean to be reinstated and may be allowed to register for Honors courses or do Honors contracts to return to good standing in the College.

Advising. Honors students who have not yet declared a major or are changing majors are advised by the Director of Honors Advising or the Associate Dean. Honors students who have declared a major are advised by a faculty member in the major department; for questions related to The Honors College or its programs, students are welcome to meet with an Honors advisor or the Dean.

Honors College Curriculum. Because of their academic achievement, Honors students are able to “customize” their Liberal Studies and degree programs. In Liberal Studies, an Honors student may elect to take a higher level course in place of the Liberal Studies course (this requires a completed approval form, available at the Honors Office). If the Honors student completes the higher level course with a B- or higher, the student will receive Honors credit for the course. Honors students may create their own degree program (Special Studies degree) with “fast track” approval. For more information on the Special Studies degree and the approval process, contact the Honors Dean.

Honors College Special Studies Option. Since 2004, Honors students have had the option to get "fast track" approval for Special Studies degrees. Of course, Special Studies Honors students can complete Honors requirements and graduate with The Honors College diploma.

To gain approval for a Special Studies degree, the Honors student must:

1. Begin the process by consulting with a primary advisor (check with Dean Railsback to determine who this will be).
2. Work with the primary advisor to create a Special Studies degree proposal, which will include the completed Special Studies Program Form for Honors Students (PDF) and all required signatures, a list of all courses needed to reach at least 120 total hours for the degree (including Liberal Studies), and a statement (usually one page) from the student that explains how the proposed Special Studies degree will meet that student's professional plans after graduation (career or graduate school).
3. Once the Special Studies degree is approved, the student must follow the plan and all courses required in order to graduate.

For more information or to get started, contact Dean Railsback at 828-227-7383.

The Honors College Diploma. The diploma, available in any major at Western Carolina University, is a special honor—a signal of high achievement to employers and graduate school admissions officers. Honors College students must complete 24 Honors hours and have at least a 3.33 cumulative GPA upon graduation to receive the diploma. Graduation from The Honors College will be designated on the transcript. Honors graduates wear The Honors College Medallion at commencement.

Honors College Credits. Honors students do not take extra hours to earn the College diploma; they do enroll in special Honors classes, usually in the Liberal Studies Program, to earn the hours needed for the College diploma. At the major level, Honors students may arrange for an Honors contract with the instructor of the course (this is a one-on-one project worked out between the student and the instructor) to earn Honors credit. Contract forms are available at the Honors Office or at <http://honors.wcu.edu>, the Honors College website. Transfer students who have Honors credit from other institutions must meet with the Dean to determine how Honors credits will be accepted at Western Carolina University. Honors students who travel abroad may earn Honors hours for the experience by working out a special Honors contract with the Dean before they travel.

Honors College Scholar Program. This is designed for exceptional students who are interested in preparation and sponsorship for prestigious national or international scholarships (for example, the Goldwater, Truman, or Rhodes). To complete the program, Honors College Scholars must complete at least 12 Tutorial hours (these are not additional hours, however, but they do count as Honors credit). Incoming first-year students who have achieved a minimum weighted 4.0 high school GPA and at least a 1300/2000 SAT or 33 ACT score may be admitted. First-year students who make at least a 3.75 cumulative GPA on at least 12 hours may be admitted. Honors College Scholars must maintain at least a 3.75 cumulative GPA to remain in the program. Graduates of this program will receive special recognition on the diploma and transcript.

Pre-Professional Programs: Pre-Medicine, Pre-Pharmacy, Pre-Law, Pre-Veterinary Medicine, Pre-Physical Therapy, Pre-Dental, Pre-Optometry, Pre-Physician's Assistant, Pre-Occupational Therapy, Pre-Chiropractic.

Students who attend the University to prepare for admission into a professional school are provided with a variety of options for the programs they may pursue. Students should make decisions early in their undergraduate career regarding preparation for professional school. The majority of professional school programs now require a bachelor's degree for admission, although there are still some exceptions. To make wise decisions regarding undergraduate prerequisite courses and selecting an undergraduate major, students should contact the Pre-Professional Advisor at The Honors College. Call (828) 227-3277, email easharpe@wcu.edu, come by Balsam Hall, or visit the website at <http://www.wcu.edu/5502.asp>.

Undergraduate Research. The Honors College sponsors Undergraduate Academic Project Grants, which are grants of up to \$400 each, to support supplies or travel related to student research and creative/performance projects. Please contact the Dean for more information about these programs at (828) 227-7383 or check the Honors website under "Undergraduate Research."

Kimmel School of Construction Management and Technology

Office Info: 161 Belk Building/Main Campus (828) 227-7368

Website

James Zhang, Interim Dean

Kimmel School of Construction Management and Technology

The primary mission of the Kimmel School is to prepare students for professional level careers in construction management, engineering and engineering technology. The faculty is dedicated to providing innovative programs that integrate classroom, laboratory and workplace experience. Faculty bring a strong commitment to teaching and extensive industry and business experience, while the School's laboratories feature some of the most modern, high tech equipment available at any college or university.

A secondary mission of the Kimmel School is to serve as a resource to the region by extending the knowledge and expertise of its faculty to assist business and industry and support economic development. The School's Center for Rapid Product Realization and its multi-university-industry partnerships, including the Carolinas MicroOptics Triangle and the Carolinas Photonics Consortium, facilitate this engagement. Classes as well as individual students have the opportunity to become involved in these engagement activities.

Kimmel School Computer Requirement. The Kimmel School uses Virtual Computing Laboratories for instruction. All students enrolling for courses in the School must have a laptop computer that meets standard university networking and hardware configuration requirements.

Broadcast Telecommunications Engineering Technology, Minor

Total number of hours for the program: 19.

Minor Requirements

The minor requires 19 hours including:

- ECET 231 - Circuit Analysis I Credits: (4)
(Corequisite: MATH 146)
- ECET 242 - Electronic Circuits Credits: (4)
(Prerequisite ECET 231)
- ECET 290 - Computer Engineering Fundamentals Credits: (3)
- ECET 331 - Digital Integrated Circuits Credits: (4)
(Prerequisite ECET 231)
- ECET 312 - Electronic Communication Fundamentals Credits: (4)
(Prerequisite ECET 242 and MATH 153)

Construction Management, B.S.

Total number of hours for the program: 124.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Liberal Studies Courses

Liberal studies courses that must be taken for the Construction Management major are the following:

- P1*
- ECON 231 - Introductory Microeconomics and Social Issues Credits: (3)
C5
- GEOL 310 - Principles of Soils and Hydrology for Construction Managers Credits: (4)
C2:
- MATH 146 - Precalculus Credits: (4)
P1
- ** MKT 409 - Negotiations/Relationship Marketing Credits: (3)
C5:
- PHYS 130 - Introductory Physics I Credits: (4)

*** Required for major and also counts for Upper Level Perspective.*

Major Requirements

The major requires the following 79 hours of courses:

- ACCT 251 - Financial Accounting - A User Perspective Credits: (3)
- CM 121 - Introduction to Construction Credits: (3)
- CM 142 - Construction Graphics and Plan Reading Credits: (3)
- CM 211 - Construction Methods and Materials I Credits: (3)
- CM 212 - Construction Methods and Materials II Credits: (3)
- CM 222 - Construction Surveying Layout Credits: (3)
- CM 231 - Construction Documents and Codes Credits: (3)
- CM 232 - Construction Statics and Strength of Materials Credits: 3
- CM 242 - Estimating I Credits: (3)
- CM 332 - Construction Site Planning and Equipment Credits: (3)
- CM 342 - Estimating II and Bidding Credits: (3)
- CM 362 - Construction Planning and Scheduling Credits: (3)
- CM 375 - Mechanical and Electrical Construction Credits: (3)
- CM 390 - Environmental Issues in Construction Credits: (4)
- CM 401 - Construction Temporary Structures Credits: (3)
- CM 402 - Construction Financial Management Credits: (3)
- CM 421 - Construction Human Factors and Safety Credits: (3)
- CM 424 - Facilities Management Credits: (3)
- CM 430 - Construction Legal Aspects Credits: (3)
- CM 431 - Construction Project Management Credits: (3)
- CM 452 - Construction Capstone Project Credits: (3)
- CM 483 - Applied and Engaged Internship in Construction Credits: (2)
- CM 496 - Professional Development Seminar Credits: (1)
- LAW 230 - Legal and Ethical Environment of Business Credits: (3)
- MATH 170 - Applied Statistics Credits: (3)
- MGT 300 - Introduction to Management Credits: (3)
- MKT 206 - Introduction to Professional Selling Credits: (3)

The required internship is completed during the summer before the junior year.

Construction Management, Minor

Total number of hours for the program: 24.

Minor Requirements

The construction management minor is open to non construction management majors and requires the following 24 hours of courses:

- CM 121 - Introduction to Construction Credits: (3)
- CM 142 - Construction Graphics and Plan Reading Credits: (3)
- CM 211 - Construction Methods and Materials I Credits: (3)
- CM 242 - Estimating I Credits: (3)
- CM 342 - Estimating II and Bidding Credits: (3)
- CM 362 - Construction Planning and Scheduling Credits: (3)
- CM 430 - Construction Legal Aspects Credits: (3)
- CM 431 - Construction Project Management Credits: (3)

Digital Communications Engineering Technology, Minor

Total number of hours for the program: 19.

Minor Requirements

The minor requires 19 hours including:

- ECET 231 - Circuit Analysis I Credits: (4)
(Corequisite MATH 145)
- ECET 290 - Computer Engineering Fundamentals Credits: (3)
- ECET 331 - Digital Integrated Circuits Credits: (4)
(Prerequisite ECET 231)
- ECET 332 - Microcontrollers Credits: (4)
(Prerequisite ECET 331)
- PHYS 131 - Introductory Physics II Credits: (4)
(Prerequisite PHYS 130)

Electrical and Computer Engineering Technology, B.S.

Total number of hours for the program: 126.

The program emphasizes the application of microcomputers to the solution of industrial problems relating to automation, instrumentation, and control, in systems involving robotics, data communications, networks, and/or automated testing. In all cases, microcomputer hardware and software are used for data acquisition, transfer, and analysis.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Note:

Students must be aware that if the Liberal Studies requirements have been completed before declaring the ECET major, that he/she will need to complete MATH 146 and PHYS 130 for the major.

Major Requirements (70 hours)

The major requires 70 hours as follows (3 of which counts as Liberal Studies):

- ECET 211 - Electronic Drafting and Fabrication Credits: (3)
- ECET 221 - Digital Integrated Circuits Laboratory Credits: (1)
- ECET 231 - Circuit Analysis I Credits: (4)
- ECET 242 - Electronic Circuits Credits: (4)
- ECET 290 - Computer Engineering Fundamentals Credits: (3)
- ECET 312 - Electronic Communication Fundamentals Credits: (4)
- ECET 321 - Circuit Analysis II Credits: (4)
- ECET 332 - Microcontrollers Credits: (4)
- ECET 341 - Advanced Circuit Analysis Credits: (3)
- ECET 345 - Introduction to Local Area Networks Credits: (4)
- ECET 431 - Microprocessor Interfacing Credits: (4)
- ECET 452 - Control Systems Credits: (4)
- ECET 461 - Digital Signal Processing Credits: (3)
- ECET 464 - Instrumentation Credits: (4)
- EE 200 - Computer Utilization Credits: (3)
- EE 221 - Logic Systems Design I Credits: (3)
- ENGR 199 - Introduction to Engineering Practices and Principles I Credits: (3)
- ENGR 200 - Engineering Practices and Principles II Credits: (3)
- ENGR 350 - Engineering Practices and Principles III Credits: (3)
- ENGR 400 - Engineering Capstone I Credits: (3)
- ENGR 450 - Engineering Capstone II Credits: (3)

Math and Science Requirements (23 hours)

(6 of which count in Liberal Studies)

- MATH 146 - Precalculus Credits: (4)
- MATH 153 - Calculus I Credits: (4)
- MATH 170 - Applied Statistics Credits: (3)
- MATH 255 - Calculus II Credits: (4)
- or*
- MATH 270 - Statistical Methods I Credits: (3)
- PHYS 130 - Introductory Physics I Credits: (4)
- PHYS 131 - Introductory Physics II Credits: (4)

For the ECET major, students must complete the following courses with a C or better: ECET 231, ECET 321, and MATH 153.

To enroll in the junior and senior level major courses, students must have and maintain a cumulative GPA of 2.2 or higher for courses taken to date at Western Carolina University in the ECET major.

To graduate with an ECET major, all students must have a cumulative GPA 2.2 or higher for all courses in the major taken at Western Carolina University.

Additional Information

Visit the department's website at <http://www.wcu.edu/3626.asp> to view the 8 semester curriculum guide.

Electrical Engineering, B.S.E.E.

Total number of hours for the program: 126.

The B.S.E.E. degree in Electrical Engineering is a joint offering between WCU and UNC-Charlotte. All courses in the degree program are offered on the Cullowhee campus.

Freshmen and transfer students accepted into the University with the request to be in the electrical engineering program will be further evaluated by the department. Based upon an overall evaluation of high school records and test scores, with particular emphasis on advanced courses in math and science and test scores, freshmen may be admitted to one of two tracks:

- FENG – Students with acceptable records will be accepted directly to the Freshman Engineering sequence. These students will be advised by electrical engineering faculty.
- PENG – Students needing additional courses before being accepted into the Freshman Engineering sequence will be advised as pre-engineers.

Admission to the Electrical Engineering program requires completion of all freshman year engineering program requirements with grades of C or better. Students from the FENG track must also have a minimum cumulative GPA of 2.00 for all courses taken. Students from the PENG track must have a minimum cumulative GPA of 2.50 for all courses taken.

In addition to the University requirements for continued enrollment, students in the electrical engineering program must maintain a cumulative GPA of 2.00 for all courses in the electrical engineering major. Failure to meet this requirement for two consecutive semesters will result in suspension from the electrical engineering program.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

***NOTE:**

Four major courses (12 credits) also meet Liberal Studies requirements: ENGR 199, MATH 152, CHEM 139 and PHYS 230. Students must be aware that if these courses are not taken to meet Liberal Studies requirements, they will still need to be completed for the major.

Major Requirements

The major requires 84 hours as follows:

Electrical Engineering

- EE 200 - Computer Utilization Credits: (3)
- EE 201 - Network Theory I Credits: (3)
- EE 202 - Network Theory II Credits: (3)
- EE 211 - Instrumentation & Networks Laboratory Credits: (1)
- EE 212 - Logic and Networks Laboratory Credits: (1)
- EE 221 - Logic Systems Design I Credits: (3)
- EE 311 - Systems and Electronics Laboratory Credits: (1)
- EE 312 - Electronic Devices Laboratory Credits: (1)
- EE 321 - Electromagnetic Fields Credits: (3)
- EE 322 - Electromagnetic Waves Credits: (3)
- EE 331 - Fundamentals of Electronics and Semiconductors Credits: (3)
- EE 332 - Electronics Credits: (3)
- EE 342 - Solid State Electronic Devices Credits: (3)

- EE 351 - Systems Analysis I Credits: (3)
- EE 411 - Analog and Digital Communication Credits: (3)
- EE 425 - Foundations of Optical Engineering Credits: (3)
- EE 427 - Foundations of Optical Imaging Credits: (3)
- EE 436 - Optical Fiber Communications Credits: (3)
- EE 465 - Foundations of Laser Electronics Credits: (3)
- ENGR 199 - Introduction to Engineering Practices and Principles I Credits: (3)
- ENGR 200 - Engineering Practices and Principles II Credits: (3)
- ENGR 350 - Engineering Practices and Principles III Credits: (3)
- ENGR 400 - Engineering Capstone I Credits: (3)
- ENGR 450 - Engineering Capstone II Credits: (3)

Mathematics/Science

- CHEM 139 - General Chemistry I Credits: (4)
- MATH 152 - Engineering Calculus I Credits: (3)
- MATH 252 - Engineering Calculus II Credits: (3)
- MATH 253 - Engineering Calculus III Credits: (3)
- MATH 320 - Ordinary Differential Equations Credits: (3)
- MATH 370 - Probability and Statistics I Credits: (3)
- PHYS 230 - General Physics I Credits: (4)
- PHYS 231 - General Physics II Credits: (3-4)
(PHYS 231 Lab is not required for Electrical Engineering majors)
- PHYS 310 - Modern Physics Credits: (3)
- PHYS 322 - Optics Credits: (3)

For the EE major, students must complete the following courses with a C or better: MATH 152 or 153, MATH 252 or 255, ENGL 101 and 202, CHEM 139, PHYS 230, EE 201, 202, 211, 221, 311, 312, 321, 322, 331, 351, 401, 425, ENGR 199, 200.

Additional Information

Visit the department's website at <http://www.wcu.edu/3626.asp> to view the 8 semester curriculum guide.

Engineering Sales and Distribution Certificate

The Engineering Sales and Distribution Certificate is available to students who are pursuing the Engineering Technology degree.

Certificate Requirements

An Engineering Sales and Distribution Certificate requires 18 hours to include the following courses:

- ET 362 - Engineering Logistics Credits: (3)
- ET 436 - Engineering Economic Analysis Credits: (3)
- MKT 201 - Marketing Planning and Strategy Credits: (3)
- MKT 206 - Introduction to Professional Selling Credits: (3)
- MKT 310 - Consultative Selling Credits: (3)
- MKT 409 - Negotiations/Relationship Marketing Credits: (3)

Engineering Technology (Applied Systems Technology Concentration), B.S.

Total number of hours for the program: 125.

Liberal Studies Hours: 42

Liberal Studies Program Requirements

Major Requirements

The major requires 92 hours (3 of which count as LS) as follows:

Applied Systems Technology (APT) Concentration Requirements

- ECET 301 - Electrical Systems Credits: (3)
- ENGL 305 - Technical Writing Credits: (3)
- ENGR 199 - Introduction to Engineering Practices and Principles I Credits: (3)
- ENGR 200 - Engineering Practices and Principles II Credits: (3)
- ENGR 350 - Engineering Practices and Principles III Credits: (3)
- ENGR 400 - Engineering Capstone I Credits: (3)
- ENGR 450 - Engineering Capstone II Credits: (3)
- ET 132 - Engineering Graphics Credits: (3) Contact Hours: (4)
- ET 141 - Engineering Materials and Processes Credits: (3)
- ET 231 - 3-D Computer Modeling Credits: (3) Contact Hours: (4)
- ET 232 - Engineering Statics Credits: (3)
- ET 310 - Advanced 3D Computer Modeling and Rapid Prototyping Credits: (3) Contact Hours: (4)
- ET 331 - Quality Systems Credits: (3) Contact Hours: (3)
- ET 332 - Strength of Materials Credits: (3)
- ET 333 - Strength of Materials Laboratory Credits:
- ET 349 - Rapid Tooling and Prototyping Credits: (3)
- ET 351 - Engineering Analysis Credits: (3)
- ET 352 - Fundamentals of Thermal Engineering and Applied Thermodynamics Credits: (3)
- ET 420 - Advanced Engineering Materials Credits: (3)
- ET 425 - Metrology and Reverse Engineering Credits: (3)
- ET 436 - Engineering Economic Analysis Credits: (3)
- ET 441 - Power Transmission Systems Credits: (3)
- ET 472 - Integrated Control Systems Credits: (3)

Technical Electives

Technical Elective Credits (6)

Math and Science Requirements (19 hours)

(9 of which count in Liberal Studies)

- CHEM 139 - General Chemistry I Credits: (4)
- MATH 146 - Precalculus Credits: (4)
- MATH 153 - Calculus I Credits: (4)
- MATH 170 - Applied Statistics Credits: (3)
- PHYS 130 - Introductory Physics I Credits: (4)

General Electives

General electives (3 hours).

To graduate with an ET degree, all students must have a cumulative GPA 2.3 or higher for all courses in the major taken at Western Carolina University.

Additional Requirements

The mathematics, sciences and first-year seminar courses that are required in the major may be used to satisfy liberal studies categories C2, C5, and FYS.

Visit the department's website at <http://www.wcu.edu/3626.asp> to view the 8 semester curriculum guide.

Engineering Technology (Engineering and Technical Operations Concentration), B.S.

The Department of Engineering and Technology offers upper level courses for two year college graduates at three off campus sites: Asheville, Hickory (Morganton), and Spindale, North Carolina. Graduates earn a B.S. degree in Engineering Technology - Concentration in Engineering and Technical Operations. For further information, contact Dr. William McDaniel, Distance Learning Program Coordinator, at 828-227-2517 or email: mcdaniel@wcu.edu

Land Development, Minor

Total number of hours for the program: 16.

Minor Requirements

The Land Development minor is open to all majors requires the following 16 hours of courses:

- CM 461 - Land Development I Credits: (5)
- CM 462 - Land Development II Credits: (5)
- CM 463 - Land Development III Credits: (6)

Occupational Safety Certificate

Students may elect to include in their programs of study a 14-15 hour sequence in the area of occupational safety. Emphasis is placed on interpretation, application, and administration of the Occupational Safety and Health Act and other regulations to assist students to develop entry-level expertise that can be applied directly in business and industry.

Certificate Requirements

Students who complete the courses below, with a minimum GPA of 2.0 will be awarded a certificate in occupational safety by the Department of Engineering Technology. The certificate is co-sponsored by the North Carolina Industrial Commission.

- ENVH 230 - Introduction to Environmental Health Science Credits: (3)
or
- ENVH 457 - Industrial Hygiene Credits: (3)
or

- HEAL 120 - Personal and Community Health Credits: (2)
- EMC 240 - Introduction to Emergency Medical Care Credits: (3)

Plus

- ET 335 - Occupational Safety Standards Credits: (3)
- ET 336 - Environmental Instrumentation Credits: (3)
- ET 337 - Management of Safety Systems Credits: (3)
or their equivalents

Telecommunications, Minor

Total number of hours for the program: 17.

A minor of 17 hours may be arranged with the approval of the ECET program director to meet the individual needs and interests of non-majors.

Minor Requirements

A typical minor will include the following courses:

- ECET 345 - Introduction to Local Area Networks Credits: (4)
- TEL 346 - Wide Area Networks Credits: (4)
- TEL 445 - Network Planning and Design I Credits: (3)
- TEL 446 - Telecommunications Management Credits: (3)
- ECET 495 - Seminar on Telecommunications Credits: (3)

The Graduate School

Dr. Mimi Fenton, Interim Dean

Dr. Brian Kloeppe, Associate Dean

The Graduate School at Western Carolina University awarded its first graduate degrees in 1952. Since that time, it has continuously broadened its offerings. Programs offered by the Graduate School lead to master's degrees, specialist degrees and doctoral degrees. Information about the Graduate School can be found at grad.wcu.edu.

Course Information

Anthropology

ANTH 110 - Origins of Civilization

Survey of human and cultural development from the earliest hominids to the advent of ancient civilizations. (P1)
Credits: (3)

ANTH 120 - Comparative Cultural Systems

Analysis and comparison of the major features of diverse human cultures. (P6) Credits: (3)

ANTH 190 - Freshman Seminar: The Human Condition

Examination of various aspects of human cultural behavior. 3 Seminar. Credits: (3)

ANTH 250 - Archaeology and Bioanthropology

Evolutionary theory, human genetics, primatology, fossil humans, and early civilizations. Credits: (3)

ANTH 251 - Introduction to Forensic Anthropology

A survey of the forensic applications of the human skeleton and related aspects of death investigation. Credits: (3)

ANTH 260 - Cultural and Social Anthropology

Survey and comparison of social, political, economic, religious, and artistic achievements to provide understanding of cultural diversity. Credits: (3)

ANTH 327 - Economy and Society

Types of economic systems examined and compared; emphasis on preindustrial and industrializing societies.

Prerequisites & Notes PREQ: 260. Credits: (3)

ANTH 341 - History of Anthropological Theory

Concepts, theories, and schools of thought in historical context; contributions to contemporary anthropology.

Prerequisites & Notes PREQ: 250, 260. Credits: (3)

ANTH 349 - Applied Anthropology

Examination of problems and solutions in programs of directed social and cultural change; case studies. **Prerequisites & Notes** PREQ: 260. Credits: (3)

ANTH 351 - Environmental Anthropology

Relationships between physical environment and culture; nonphysiological means of environmental adaptation.

Prerequisites & Notes PREQ: 250, 260, or SOC 103. Credits: (3)

ANTH 361 - World Prehistory

Examination of prehistoric cultural developments and the advent of modern civilization in major world areas. Credits: (3)

ANTH 363 - Human Origins

Examination of the human, hominid, and primate fossil records. **Prerequisites & Notes** PREQ: 250 or permission of instructor. Credits: (3)

ANTH 364 - Human Osteology

An examination of the human skeleton focusing on bone anatomy and fundamental analytical methods. Credits: (3)

ANTH 365 - Religion, Magic, Myth

Nonliterate religious tradition and ritual behavior; life-crisis rituals, secret societies, magic and witchcraft, notions of divinity. **Prerequisites & Notes** PREQ: 260. Credits: (3)

ANTH 366 - Juvenile & Functional Human Osteology

An examination of the juvenile skeleton with a focus on bone growth and functional aspects of the human skeleton. **Prerequisites & Notes** PREQ: ANTH 364. Credits: (3)

ANTH 367 - Dental Anthropology

Anatomy, development, and functions of teeth and interpretation from forensic and archaeological contexts. Credits: (3)

ANTH 379 - Cherokee Arts and Crafts

Present-day Cherokee skills of woodcarving, basketry, pottery making, and other parts of Cherokee culture and society. This course is cross-listed with ART 379. 1 Lecture, 5 Lab. Credits: (3)

ANTH 380 - Ethnographic Research Methods

Theory and method; techniques of observation, description, interviewing, note taking, and analyzing data; planning and completing a field study. This course is cross-listed with SOC 380. **Prerequisites & Notes** PREQ: 260 or SOC 103. Credits: (3)

ANTH 389 - Cooperative Education in Anthropology

See Cooperative Education Program. Credits: (1 or 3, R15)

ANTH 400 - Human Osteology Method & Theory

An in-depth examination of the analytical and theoretical aspects of human osteology with an emphasis on forensic applications. **Prerequisites & Notes** PREQ: 364 or permission of instructor. Credits: (3)

ANTH 401 - Bone Trauma & Modification

A study of bone trauma and postmortem modification to bone. **Prerequisites & Notes** PREQ: 251 or 364 or permission of instructor. Credits: (3)

ANTH 402 - Skeletal Analyses

Human skeletal documentation, data collection, interpretation, and report writing. **Prerequisites & Notes** PREQ: ANTH 364. Credits: (3)

ANTH 403 - Taphonomy

The study of biological, cultural, and geological variables that affect the deposition and decomposition of human remains. Credits: (3)

ANTH 414 - Minority Groups

Relations between dominant and subordinate races and ethnic groups; historical, economic and cultural aspects are considered. *Not available as a PI for Sociology majors. Cross listed with Sociology 414.* (P1) **Prerequisites & Notes** PREQ: SOC 103 and SOC 245; or ANTH 260; or permission of instructor. Credits: (3)

ANTH 417 - Southern Appalachian Culture

Stability and change in the sociocultural institutions of the region. **Prerequisites & Notes** PREQ: 260 or SOC 103. Credits: (3)

ANTH 419 - Comparative Family

The family as a social institution in various cultures. **Prerequisites & Notes** PREQ: 260 or SOC 103. Credits: (3)

ANTH 431 - North American Prehistory

Cultural history of the peoples of prehistoric North America, including Mexico. **Prerequisites & Notes** PREQ: 250. Credits: (3)

ANTH 440 - Archaeological Field Techniques

Basics of field work; surveying, photography, excavation, recording, and preservation techniques. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (6)

ANTH 441 - Archaeological Problems and Analyses

Experience in collecting and analyzing relevant archaeological data. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (3)

ANTH 461 - Indians of North America

Traditional and changing life styles of native North Americans; environmental adaptations, social organizations, religions, and arts. **Prerequisites & Notes** PREQ: 260. Credits: (3)

ANTH 465 - Cultures of Latin America

Cultural and historical perspectives on the political relations, social structures, and religions of the indigenous peoples of the region. **Prerequisites & Notes** PREQ: 260. Credits: (3)

ANTH 466 - Folklore

Major forms, theories, and functions of lore among the world's cultures; collection, classification, and analysis of folklore. **Prerequisites & Notes** PREQ: 260 or permission of instructor. Credits: (3)

ANTH 473 - Contemporary Cherokee Culture and Society

Present-day Cherokee culture and society; effects of tourism and the reservation system on life styles. **Prerequisites & Notes** PREQ: 260. Credits: (3)

ANTH 477 - Cultures of subSaharan Africa

Cultural diversity and development in subSaharan Africa from earliest times to the present. Credits: (3)

ANTH 481 - Independent Study in Anthropology

Independent Study in Anthropology **Prerequisites & Notes** PREQ: Written application, approval of instructor and adviser. Credits: (1-2, R6)

ANTH 483 - Anthropology Internship

Application of academic training in an approved agency under faculty supervision. Credit toward anthropology major or minor limited to 3 hours. S/U grading. 9 hours per week per course. Credits: (3)

ANTH 484 - Anthropology Internship

Application of academic training in an approved agency under faculty supervision. Credit toward anthropology major or minor limited to 3 hours. S/U grading. 9 hours per week per course. Credits: (3)

ANTH 485 - Anthropology Internship

Application of academic training in an approved agency under faculty supervision. Credit toward anthropology major or minor limited to 3 hours. S/U grading. 9 hours per week per course. Credits: (3)

ANTH 486 - Field Recovery of Human Remains

Fundamentals of the field recovery of human remains; survey, photography, excavation and recovery, and processing. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (6)

ANTH 493 - Topics in Anthropology

Topics in Anthropology **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (3, R6)

ANTH 514 - Minority Groups

This course is cross-listed with SOC 514. Credits: (3)

ANTH 517 - Southern Appalachian Culture

Southern Appalachian Culture Credits: (3)

ANTH 519 - Comparative Family

Comparative Family Credits: (3)

ANTH 531 - North American Prehistory

North American Prehistory Credits: (3)

ANTH 540 - Archaeological Field Techniques

Archaeological Field Techniques Credits: (3)

ANTH 541 - Archaeological Problems and Analyses

Archaeological Problems and Analyses Credits: (3)

ANTH 565 - Cultures of South Asia

Cultures of South Asia Credits: (3)

ANTH 566 - Folklore

Folklore Credits: (3)

ANTH 573 - Contemporary Cherokee Culture and Society

Contemporary Cherokee Culture and Society Credits: (3)

ANTH 577 - Cultures of subSaharan Africa

Cultures of subSaharan Africa Credits: (3)

ANTH 581 - Independent Study in Anthropology

Independent Study in Anthropology Credits: (1-2, R6)

ANTH 593 - Topics in Anthropology

Topics in Anthropology Credits: (3, R6)

Native American Studies

NAS 452 - The Roots of Health Disparities in Native American Populations

Course discusses emergent models that associate chronic stress via historical and inter- generational trauma with chronic disease, particularly among Indigenous or colonized populations. **Prerequisites & Notes** PREQ: Junior or senior standing. Credits: (3)

NAS 470 - Cherokee Culture and History

Course will provide a general introduction to Cherokee culture and history with an emphasis on relationship to health and policy. **Prerequisites & Notes** PREQ: Junior or senior standing. Credits: (3)

NAS 471 - Indigenous and Western Psychologies

Epistemologies and world views of Southeastern Native peoples will be discussed in comparison with standard Western approaches of addressing behavioral health. **Prerequisites & Notes** PREQ: Junior or senior standing. Credits: (3)

NAS 472 - Healing the Wounded Native Child

Course will increase students' understanding of culturally sensitive care and key elements involved in addressing behavioral health needs of Native child and adolescent populations. **Prerequisites & Notes** PREQ: Junior or senior standing. Credits: (3)

NAS 474 - Issues in Indian Health

Historical and cultural context of disease in the Americas from 1500 AD to present, with focus on health of Indigenous Peoples of Southeast. **Prerequisites & Notes** PREQ: Junior or senior standing. Credits: 3

NAS 476 - American Indian Tobacco and Substance Use

Broad historic and contemporary survey of how tobacco and consciousness-altering substance usages are situated within the culture and daily lives of Southeastern Native peoples. **Prerequisites & Notes** PREQ: Junior or senior standing. Credits: (3)

NAS 574 - Issues in Indian Health

Issues in Indian Health Credits: 3

Sociology

SOC 103 - Human Society

Analysis of human behavior in social and cultural contexts, emphasizing the sociological perspective. (P1) Credits: (3)

SOC 190 - Freshman Seminar: Social Institutions and Issues

Exploration of various social institutions with a focus on the impact on human behavior using the seminar method of instruction. 3 Seminar. Credits: (3)

SOC 235 - Social Problems

Problems of modern American society such as poverty, social conflict, corporate power and capitalism, alienation, and deviance. (P1) Credits: (3)

SOC 240 - Social Change

Changes in human societies through cultural, economic, social, and political processes; introduction to development and social movements. **Prerequisites & Notes** PREQ: 103 or permission of instructor. Credits: (3)

SOC 245 - Social Inequality

Social inequalities in wealth, income, prestige, and power; inequalities based on race, sex, and age. **Prerequisites & Notes** PREQ: 103 or permission of instructor. Credits: (3)

SOC 248 - Rural Society

Application of sociological concepts to rural environments; characteristics of rural population, social structure, social institutions; social change, structure of agriculture, local government structure, and processes. **Prerequisites & Notes** PREQ: 103 or permission of instructor. Credits: (3)

SOC 250 - Deviant Social Behavior

Causes and control of individual and group rebellion or retreat from prescribed social norms. Credits: (3)

SOC 255 - Population Dynamics

Study of population characteristics, growth, and trends within a context of social, cultural, economic, and political systems. **Prerequisites & Notes** PREQ: Soc. 103 or permission of instructor. Credits: (3)

SOC 316 - Dynamics of Popular Culture

This course presents an overview and analysis of popular culture. Emphasis is placed on the relationship of popular culture to economic, political, and cultural dynamics. Credits: (3)

SOC 320 - The Internet and Society

An examination of the growing significance and impact of the Internet in social life. Cultural, political, economic, and inequality issues are examined. **Prerequisites & Notes** PREQ: 103 or permission of instructor. Credits: 3

SOC 326 - Gender Roles and Society

Gender roles examined in a sociological context emphasizing the relationship between these roles and the pre-existing sexual stratification system. **Prerequisites & Notes** PREQ: 103 or permission of instructor. Credits: (3)

SOC 342 - The Individual in Society

Individual behavior in social context; social interaction. **Prerequisites & Notes** PREQ: 103 or permission of instructor. Credits: (3)

SOC 345 - Sociology of Emotion

This course provides an overview of the major topics in the Sociology of emotions, focusing on the various theories and methods involved. Credits: (3)

SOC 355 - Criminology

Nature, extent, and causes of criminal behavior; role of police, courts, and corrections; prevention and control programs. **Prerequisites & Notes** PREQ: 103 and 250, or permission of instructor. Credits: (3)

SOC 360 - Sociology of Conflict and Conflict Resolution

Analysis of sociological theories of social conflict, including Marx, Weber, Simmel, Coser, Dahrendorf, and Collins; case studies of conflict and conflict resolution stressing the applications of theory and research. **Prerequisites & Notes** PREQ: 103 or permission of instructor. Credits: (3)

SOC 365 - Marriage and Family

Sociological approach to institutions of marriage and family, including mate selection, childrearing, divorce, aging, family violence. **Prerequisites & Notes** PREQ: 103. Credits: (3)

SOC 371 - Society and the Environment

Analysis of the interaction between society and the physical environment, including population, pollution, resource depletion, and the effects on and responses of different social groups. **Prerequisites & Notes** PREQ: 103 or permission of instructor. Credits: (3)

SOC 373 - The Global Society

Explores globalization as the growing interconnectedness among the world's people. Examination of the causes, contradictions, and consequences of these technological and social changes **Prerequisites & Notes** PREQ: 103. Credits: (3)

SOC 380 - Ethnographic Research Methods

Theory and method; techniques of observation, description, interviewing, note taking, and analyzing data; planning and completing a field study. This course is cross-listed with ANTH 380. **Prerequisites & Notes** PREQ: 103 or ANTH 260. Credits: (3)

SOC 385 - Methods of Social Research

The logic of scientific inquiry; techniques of research used in sociology, including sample surveys. **Prerequisites & Notes** PREQ: 103 or permission of instructor. Credits: (3)

SOC 386 - Analysis of Social Data

Methods for presentation and analysis of social scientific data; descriptive and inferential techniques; measures of association. **Prerequisites & Notes** PREQ: 385. Credits: (3)

SOC 387 - Visual Sociology

This course will examine recent trends in the use of visual data in the social sciences in both theory and methodology. **Prerequisites & Notes** PREQ: SOC 103 or permission of the instructor. Credits: (3)

SOC 389 - Cooperative Education in Sociology

See Cooperative Education Program. **Prerequisites & Notes** PREQ: 103 or permission of instructor. Credits: (1 or 3, R15)

SOC 391 - Sociological Theory

The development of sociological theory; issues in classical and contemporary social thought. **Prerequisites & Notes** PREQ: 103 or permission of instructor. Credits: (3)

SOC 410 - Sociology of Aging

The social context of aging, the social implications of, and attendant social policy issues. Individual and societal aging using historical and cross-cultural approaches. **Prerequisites & Notes** PREQ: 103 or permission of instructor. Credits: 3

SOC 414 - Minority Groups

Relations between dominant and subordinate racial and ethnic groups; historical, economic and cultural aspects are considered. *Not available as a PI for Anthropology majors. Cross listed with Anthropology 414.* (P1) Credits: 3

SOC 423 - Sociology of Sport

Social issues in sport examined from historical, cross-cultural, and sociological perspectives with attention to impact of race, gender, and social class on participation. This course is cross-listed with SM 423. **Prerequisites & Notes** PREQ: Junior standing; SM 260 for SM majors. Credits: (3)

SOC 428 - Sociology of Institutions

Theoretical explanations of institutions including education, factories, retail, health care, government, media, and politics, and their influence on society. **Prerequisites & Notes** PREQ: 103 or permission of instructor. Credits: (3)

SOC 432 - Community Organization and Development

Community organization viewed as a process of bringing about desirable changes in community life. Community structure, needs assessment, and planning for change. **Prerequisites & Notes** PREQ: 103, or permission of instructor. Credits: (3)

SOC 434 - Regional and Societal Development

Social dimensions of economic growth and development with particular emphasis on Third World countries; alternative definitions of development, and changing national, regional, and institutional structures. **Prerequisites & Notes** PREQ: 103 and 240, or permission of instructor. Credits: (3)

SOC 440 - Queer Sociology: Sexuality, Identity & Politics

Queer identities, politics, and practices are explored through sociological perspectives. Topics include heteronormativity, links between sexual practices and sexual politics and queer activism. Credits: (3)

SOC 448 - Social Movements

Explores theories and historical cases of social movements that promote or resist social change. Reform and radical movements are examined; political, economic and cultural emphases. **Prerequisites & Notes** PREQ: 103, or permission of instructor. Credits: (3)

SOC 450 - Sociology of Work

This course provides an overview of the major topics in the sociology of work, including the organization of work and inequality related to work. Credits: (3)

SOC 455 - Family Violence

Sociological approach to family violence, including child, spouse, and elder abuse; legal and social responses to each. **Prerequisites & Notes** PREQ: 103. Credits: (3)

SOC 456 - Medical Sociology

An overview of the major topics in medical sociology, including health and illness behavior, the social demography of health and health organizations. Credits: (3)

SOC 460 - Professional Issues in Sociology

Exploration of career and graduate education opportunities in Sociology by presenting the field as a profession to be practiced in the real world. Credits: (1)

SOC 480 - Independent Study in Sociology

Independent Study in Sociology **Prerequisites & Notes** PREQ: 103 or permission of instructor. Credits: (1-3, R6)

SOC 483 - Internship in Sociology

Application of theory and knowledge to work experience in a cooperating agency. S/U grading. 9 hours per week per course. **Prerequisites & Notes** PREQ: 103 or permission of instructor. 3 hours credit applicable to sociology major or minor. Credits: (3)

SOC 484 - Internship in Sociology

Application of theory and knowledge to work experience in a cooperating agency. S/U grading. 9 hours per week per course. **Prerequisites & Notes** PREQ: 103 or permission of instructor. 3 hours credit applicable to sociology major or minor. Credits: (3)

SOC 485 - Internship in Sociology

Application of theory and knowledge to work experience in a cooperating agency. S/U grading. 9 hours per week per course. **Prerequisites & Notes** PREQ: 103 or permission of instructor. 3 hours credit applicable to sociology major or minor. Credits: (3)

SOC 494 - Topics in Sociology

Topics in Sociology **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1-3, R9)

SOC 514 - Minority Groups

This course is cross-listed with ANTH 514. Credits: (3)

Biology

Office Info 132 Natural Science Building/Main Campus (828) 227-7244 biol@email.wcu.edu

Department Website

Sean O'Connell, Department Head Tom Martin, Associate Department Head Faculty/Staff Directory (search by department)

Biology

BIOL 102 - Human Genetics

Principles of biology relative to development of human hereditary characteristics. 2 Lecture, 2 Lab. (C5) Credits: (3)

BIOL 103 - Environmental Biology

Principles of biology relative to ecology and modern environmental problems. Ecosystems structure and function, population growth, food production, pollution, and resource use. 2 Lecture, 2 Lab. (C5) Credits: (3)

BIOL 104 - Human Biology

The biology which underlines medical, social, and developmental issues of the human lifecycle. 2 Lecture, 2 Lab. (C5) Credits: (3)

BIOL 105 - Biology in the 21st Century

Modern biology from a cellular and molecular perspective, emphasizing cell structure, function, genes and genetic engineering, disease and evolution. 2 Lecture, 2 Lab. (C5) Credits: (3)

BIOL 108 - Recreational Botany

Identification of native plants on campus and in the field using popular plant guides; derivation of plant names; food and medicinal uses of plants. Two Saturday hikes required. 2 Field. Credits: (1)

BIOL 140 - Principles of Biology I

Introduction to biology for majors. Basic cell structure and function, bioenergetics, introduction to genetics and molecular biology. 3 Lecture, 3 Lab. (Lecture-4 credits, Lab-0 credit) (Lab is required). **Prerequisites & Notes** COREQ: 140 lecture and 140 lab. Credits: (4)

BIOL 141 - Principles of Biology II

Second course for biology majors. A comparative introduction to structure, physiology, and evolutionary trends among organisms. 3 Lecture, 3 Lab. (Lecture-4 credits, Lab-0 credit). (Lab is required). **Prerequisites & Notes** PREQ: 140. COREQ: 141 Lecture and 141 Lab. Credits: (4)

BIOL 190 - Discoveries in Biology

Discoveries in biology used as the basis for exercises involving analysis of scientific reasoning, the scientific method, and experimental design. Credits: (3)

BIOL 192 - Plant Biodiversity

Southern Appalachian plant diversity as a background in botanical sciences. Experience with field identification techniques and human use of plants in medicines, foods, and fiber. 2 Seminar, 2 Lab. Credits: (3)

BIOL 193 - Forensic Biology

An exploration of techniques, applications, and social implication of forensic biology, including the science behind fingerprints, blood typing, DNA fingerprints, and other forensic areas. Credits: (3)

BIOL 194 - Biotechnology: Methods, Applications, and Implications

This course addresses the methods used in Biotechnology and their use in genetic engineering of bacteria, plants, animals, and ethical considerations associated with biotechnology. Credits: (3)

BIOL 240 - Introduction to Genetics

Introduction to principles of genetics, including Mendelian and molecular genetics. Topics include: Mendelism, linkage, recombination, DNA structure and function, genomics, evolution of development, molecular evolution. 3 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: BIOL 140 or BIOL 141. Credits: (4)

BIOL 241 - Introduction to Ecology and Evolution

This course examines the interaction of organisms with their environment and each other to provide a broad overview of the fields of evolution and ecology. 3 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: 140, 141, and 240. Credits: (4)

BIOL 251 - Natural History of the Southern Appalachians

Interdisciplinary study of this unique environment, on-site studies, scheduled pack trips. 2 Lecture, 6 Lab. **Prerequisites & Notes** PREQ: 141. Credits: (4)

BIOL 254 - Dendrology

Structure, distribution, identification, and economic uses of major forest trees of the United States; emphasis on regional species. 2 Lecture, 4 Lab/field. Credits: (4)

BIOL 291 - Human Anatomy and Physiology I

The skeletal, muscular, digestive, circulatory, respiratory, excretory, integrative, and reproductive systems. 3 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: Completion of 24 semester hours. Credits: (4)

BIOL 292 - Human Anatomy and Physiology II

The skeletal, muscular, digestive, circulatory, respiratory, excretory, integrative, and reproductive systems. 3 Lecture, 3 Lab. **Prerequisites & Notes** 291. Credits: (4)

BIOL 293 - Human Physiology for Health Science Majors

Comprehensive examination of Human Physiology for Health Science majors. Open only to Nutrition, Environmental Health and Clinical Laboratory Science majors. 3 Lecture, 3 Lab. Credits: (4)

BIOL 304 - General Ecology

Ecosystem and population processes, pathways of energy and materials, interactions between organisms and populations and human role in the biosphere. 3 Lecture. **Prerequisites & Notes** PREQ: BIOL 241 or permission of instructor. Credits: (3)

BIOL 306 - Evolutionary Biology

Introduction to evolutionary biology, including population genetic processes, speciation, selection models, phylogeny reconstruction, and molecular evolution. History and analytical approaches will also be emphasized. **Prerequisites & Notes** PREQ: 140, 141, 240, 241 Credits: (3)

BIOL 311 - Animal Physiology

Principles of homeostasis, cell and tissue communication systems, contractility, respiration, excretion, and metabolism in animals. **Prerequisites & Notes** PREQ: BIOL 141 and CHEM 140. Credits: (3)

BIOL 313 - Microbiology in Health and Nutrition

Morphological, cultural, biochemical, and staining characteristics of microorganisms; emphasis on those that infect humans and occur in water, food, and human environments. 3 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (4)

BIOL 315 - Introduction to Plant Physiology

Introduction to plant metabolism, conduction, development, and defense mechanisms. 1 Lecture, 1 Lab. **Prerequisites & Notes** PREQ: BIOL 141 and CHEM 140. Credits: (1)

BIOL 330 - Population Genetics for Forensic Science

An overview of human genetic variation and molecular population genetics as applied to forensic DNA analysis in a crime laboratory as well as the courtroom. **Prerequisites & Notes** PREQ: 240 Credits: (3)

BIOL 333 - Cell and Molecular Biology

Genome structure; protein shape, structure and function; RNA and protein synthesis; control of gene expression and post-transcriptional controls; recombinant DNA technology; membrane structure; protein sorting; cell communication, the cell cycle and cancer. 3 Lecture, 3 Lab. (Lecture-3 credits, Lab-1 credit). (Lab is required). **Prerequisites & Notes** PREQ: 240 or permission of instructor. COREQ: 333 lecture and 333 lab. Credits: (4)

BIOL 334 - Biotechnology and Society

An exploration of the ethical and legal issues raised by recent innovations in biotechnology, emphasizing forensic genetics, human genetic engineering and agricultural biotechnology (GMOs). *Cross listed with PAR 334.* No credit for PAR 334. (P1) Credits: 3

BIOL 361 - Principles of Biochemistry

This course is cross-listed with CHEM 361. **Prerequisites & Notes** PREQ: CHEM 242. Credits: (3)

BIOL 373 - Invertebrate Zoology

Morphology, physiology, behavior, ecology, and evolution of invertebrates. 2 Lecture, 6 Lab. **Prerequisites & Notes** PREQ: 141. Credits: (4)

BIOL 374 - Vertebrate Zoology

Morphology, physiology, behavior, ecology, and evolution of vertebrates. 3 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: 141 or permission of instructor. Credits: (4)

BIOL 375 - Methods in Ecology and Evolution

Field, computer-simulation, and laboratory methods used to study the environment, evolutionary ecology, and the general ecology of individuals, populations, communities, ecosystem landscapes. 3 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: BIOL 241 or permission of instructor. Credits: (4)

BIOL 389 - Cooperative Education in Biology

See Cooperative Education Program. **Prerequisites & Notes** PREQ: Permission of Department Head. Credits: (1 or 3, R15)

BIOL 412 - Cellular and Molecular Immunology

Detailed examination of the immune response, including: antigen recognition, effector mechanisms, immunogenetics, immunoregulation, immunity to infection, immunopathology, tumor and transplantation immunology, and autoimmunity. **Prerequisites & Notes** PREQ: 240. PREQ or COREQ: 333. Credits: (3)

BIOL 413 - Principles of General Microbiology

Survey of microorganisms emphasizing morphology, physiology, and ecology; microorganisms and disease; environmental and applied microbiology. Not open to students with credit in 313. Credits: (3)

BIOL 414 - Methods of General Microbiology

Microscopy; morphological, cultural, physiological, and serological characteristics of microorganisms; microbiology of food, milk, water, and soil. 6 Lab. **Prerequisites & Notes** COREQ: 413. Credits: (2)

BIOL 415 - Plant Physiology

Plant metabolism, effects of hormones and light on plant growth and development. Transport and translocation of water and solutes. Plant stress physiology. **Prerequisites & Notes** PREQ: BIOL 141 and CHEM 140. Credits: (3)

BIOL 416 - Plant Molecular Biology

Molecular aspects of plant development. Examination of the structure, expression, and function of genes involved in the flowering plant life cycle, including genes controlling embryogenesis, vegetative growth, plant-pathogen interaction, and reproduction. **Prerequisites & Notes** PREQ: 333 or equivalent. Credits: (3)

BIOL 417 - Biochemistry

The metabolism of carbohydrates, lipids, nucleic acids, and proteins in plant and animal systems. **Prerequisites & Notes** PREQ: BIOL 240; or 304 and 305; CHEM 242 and 272; or permission of instructor. Credits: (3)

BIOL 419 - Cell Biology

Structure, function, and techniques for the study of cells. **Prerequisites & Notes** PREQ: BIOL 333 or BIOL 361 or permission of instructor. Credits: (3)

BIOL 420 - Darwin's Origin of Species

A detailed reading and analysis of Darwin's landmark work, *On the Origin of Species*. Examining its historical and philosophical context, and its social and scientific significance. **Prerequisites & Notes** PREQ: 304 and 305, or 240 and 241. Credits: (3)

BIOL 421 - Principles of Biotechnology

Survey of the methods and applications used in biotechnology, including recombinant DNA methods, genomics, and proteomics. 3 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: 333. Credits: (4)

BIOL 422 - Forensic Biology

Principles of nuclear and mitochondrial DNA analysis, decomposition, autopsy, forensic databases, and bioterrorism. 3 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: 140, 240. Credits: (4)

BIOL 423 - Biophysics

Principles of biophysics relating to *E.coli*. Topics include cell physiology, chemo-taxis, molecular motors, physical constraints of an environment, diffusion, receptor complexes, and signal transduction. **Prerequisites & Notes** PREQ: 140, 141, 240, 241, MATH 140. Credits: (3)

BIOL 424 - Pharmacology

An introduction to medicinal chemistry. Topics include pharmacodynamics, pharmacokinetics, and the process of drug discovery, design, and development. **Prerequisites & Notes** PREQ: CHEM 242. Credits: (3)

BIOL 425 - Flora of the Southern Appalachians

Taxonomy of the flowering plants of the region; family relationships; use of keys for identification; and recognition, collection, documentation, and preservation of specimens. One weekend field collecting trip. 2 Lecture, 6 Lab. **Prerequisites & Notes** PREQ: 141. Credits: (4)

BIOL 433 - Ecological Co-Adaptations

In-depth study of co-evolutionary interactions, including seed dispersal, pollination, host-parasite, and plant-microbe interactions such as nitrogen fixation. Lecture, laboratory, and field trips. 3 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: 241. Credits: (4)

BIOL 434 - Terrestrial Ecology

Population, ecosystem, community structure, and dynamics; major North American biomes; field and descriptive methods; required weekend field trips. 3 Lecture, 3 Lab/field. **Prerequisites & Notes** PREQ: 241; or 304 and 305. Credits: (4)

BIOL 435 - Aquatic Ecology

Biological, physical, and chemical components and processes in lakes and streams; field studies of local lakes and their biota. 3 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: 241 or 304. Credits: (4)

BIOL 438 - Ecological Restoration

Exploration of ecological restoration theory and management applications from fine to coarse scales approaches, and including composition, structural and functional components of ecosystems. **Prerequisites & Notes** PREQ: 140, 141. Credits: (3)

BIOL 441 - Conservation Biology

Exploration of biodiversity conservation principles as they apply to managed ecosystems. Components of biodiversity, threats to biodiversity and strategies for conserving it will be examined. **Prerequisites & Notes** PREQ: 140, 141. Credits: (3)

BIOL 452 - Plant Anatomy

Plant cells, tissue organization in phylogenetic perspective, botanical microtechniques. 3 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: 141. Credits: (4)

BIOL 453 - Principles of Systematics

Principles and methods used in describing animal and/or plant taxa and in testing hypotheses of evolutionary relationship; individual research projects on the systematics of selected taxa. **Prerequisites & Notes** PREQ: Junior status in biology or permission of instructor. Credits: (3)

BIOL 455 - Vascular Plants

Biology of higher plants: club and small club mosses, quill worts, scouring rushes, ferns, gymnosperms, and angiosperms in living and fossil form. 3 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: 141. Credits: (4)

BIOL 467 - Biostatistics

Statistical concepts and methods for biologists. Design of experiments for computer analysis by ANOVA, single or multiple regression, principal components. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: MATH 170. Credits: (3)

BIOL 470 - Biology of Arthropods

Functional morphology, physiology, natural history, and systematics of the arthropods; field/ lab emphasis on spiders. 3 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: 241 or 304. Credits: (5)

BIOL 471 - Animal Behavior

Mechanisms, development, functional significance, and evolution of behavior; individual research projects, films, and discussions in lab. 3 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: 241 or permission of instructor. Credits: (4)

BIOL 472 - Ornithology

Anatomy, physiology, ecology, behavior, diversity and evolution of birds. Lab will focus on identification of North Carolina birds, field research techniques and behavior. 3 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: 241. Credits: (4)

BIOL 473 - Microbial Ecology

Ecology of archaea and bacteria. Population and community detection, diversity, and roles in biogeochemical cycling using cultivation and molecular techniques. 3 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: BIOL 241, or 304 and 413, or 414. COREQ: BIOL 473 Lab. Credits: (4)

BIOL 475 - Animal Development

Development in animals: gametogenesis, fertilization, cleavage, gastrulation, organogenesis, embryonic adaptations, differentiation, and growth. 3 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: 241, or 304 and 305. Credits: (4)

BIOL 476 - Contemporary Fisheries

Biological concepts and alternative management practices involved in the protection, conservation, restoration, augmentation, and cultivation of fisheries resources. 3 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: 241 or 304 or permission of instructor. Credits: (4)

BIOL 477 - Herpetology

Study of the biological diversity, evolution, life history, ecology, and conservation of amphibians and reptiles. Field trips required. 3 Lecture/discussion. 3 Lab/field. **Prerequisites & Notes** PREQ: 140, 141, 240 or 305, 241 or 304. Credits: (4)

BIOL 480 - Research in Biology

Research in Biology **Prerequisites & Notes** PREQ: Junior standing, permission of research director. Credits: (1-3, R6)

BIOL 493 - Studies in Biology

Studies in Biology **Prerequisites & Notes** PREQ: Permission of department head. Credits: (1-6, R12)

BIOL 495 - Introduction to Senior Thesis

Designed to introduce experimental design and assist in selection of a senior thesis project. **Prerequisites & Notes** PREQ: Permission of department head. Credits: (1)

BIOL 498 - Senior Thesis I

Directed research conducted in the first semester of the senior year. **Prerequisites & Notes** PREQ: Permission of department head. Credits: (2)

BIOL 499 - Senior Thesis II

Senior thesis and oral presentation following completion of directed undergraduate research. **Prerequisites & Notes** PREQ: 498. Credits: (1)

BIOL 512 - Cellular and Molecular Immunology

Cellular and Molecular Immunology Credits: (3)

BIOL 519 - Cell Biology

Cell Biology Credits: (3)

BIOL 522 - Forensic Biology

Forensic Biology Credits: (4)

BIOL 523 - Biophysics

Biophysics Credits: (3)

BIOL 524 - Pharmacology

Pharmacology Credits: (3)

BIOL 533 - Ecological Co-Adaptations

Ecological Co-Adaptations Credits: (4)

BIOL 538 - Ecological Restoration

Ecological Restoration Credits: (3)

BIOL 541 - Conservation Biology

Conservation Biology Credits: (3)

BIOL 572 - Ornithology

Ornithology Credits: (4)

BIOL 576 - Contemporary Fisheries

Contemporary Fisheries Credits: (4)

BIOL 577 - Herpetology

Herpetology Credits: (4)

BIOL 636 - Physiological and Ecosystem Ecology

Physiological and Ecosystem Ecology Credits: (4)

BIOL 639 - Ecological Genetics

Ecological Genetics Credits: (3)

BIOL 642 - Population and Community Ecology

Population and Community Ecology Credits: (4)

BIOL 643 - Evolutionary Processes

Evolutionary Processes Credits: (3)

BIOL 699 - Thesis Research

Thesis Research Credits: (1-6, R12)

BIOL 799 - Continuing Research - Thesis Option

Continuing Research - Thesis Option Credits: (1-6, R24)

Chemistry and Physics

Office Info: 231 Natural Science Building/Main Campus (828) 227-7260 chph@email.wcu.edu

Department Website

Cynthia Atterholt, Department Head Faculty/Staff Directory (search by department)

PRE-PROFESSIONAL PROGRAMS AND CHEMISTRY DEGREE PROGRAMS

Students interested in pre-medical, pre-dental, pre-optometry, pre-veterinary, and pre-pharmacy programs are encouraged to enroll in the B.A. in Chemistry or the B.S. in Chemistry – Pre-medical/Pre-dental/Pre-optometry/Pre-veterinary/Pre-pharmacy Concentration. Those interested in advanced study in chemistry are encouraged to enroll in the B.S. in Chemistry- ACS Approved Concentration or the B.S. in Chemistry - Four Plus One Concentration, in which students may receive a B.S. and an M.S. in chemistry in five years.

Astronomy

AST 101 - Descriptive Astronomy

Characteristics of solar stellar systems examined in terms of the technologies and attitudes of man. 3 Lecture, 2 Lab (lab is optional). Credits: (3-4)

AST 102 - Introductory Observational Astronomy

An observationally based introduction to astronomy. To include naked eye and telescopic observations, and laboratory activities. Topics include planets, stars, nebulae, galaxies, and hypothermia prevention. (C5) Credits: (3)

AST 103 - The Solar System

A descriptive introduction to our solar system from a historical and evolutionary perspective. (C5) Credits: (3)

AST 104 - Cosmic Evolution

A descriptive introduction to stars, galaxies, and the universe, from an evolutionary perspective. (C5) Credits: (3)

AST 301 - Modern Astronomy

Techniques of measurement and research. 2 Lecture, 1 Lab. **Prerequisites & Notes** PREQ: 230. Credits: (3)

Chemistry

CHEM 101 - Chemistry in Society

Introduction to chemistry emphasizing the impact of chemistry and scientific reasoning on society. 2 Lecture, 2 Lab. (C5) Credits: (3)

CHEM 132 - Survey of Chemistry I

Basic chemistry; atomic structure, chemical bonding and reactions, introduction to organic chemistry; lab introduction to experimentation. 3 Lecture, 3 Lab. Credits: (4)

CHEM 133 - Survey of Chemistry II

Continuation of CHEM 132, surveys organic and biochemistry, including structure and nomenclature, chemical and physical properties. 3 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: 132 or 139. Credits: (4)

CHEM 139 - General Chemistry I

Basic chemistry; atomic structure, chemical bonding, stoichiometry, acid/base; lab introduction to experimentation. 3 Lecture, 3 Lab. Credits: (4)

CHEM 140 - Advanced General Chemistry

Bonding, thermochemistry, equilibria, acid/base principles, kinetics, and redox chemistry. Laboratory uses an inquiry-based approach. **Prerequisites & Notes** PREQ: C or better in CHEM 139 or permission of instructor. Credits: (4)

CHEM 171 - Inquiries Into Chemistry

A discovery-based laboratory featuring guided inquiries into chemistry using current technologies. 3 Lab. **Prerequisites & Notes** PREQ: 140, permission of instructor or department head. Credits: (1)

CHEM 190 - Chemistry in Industry

Principles of chemistry applied to industrial activities and the modern world. Scientific, economic, social, and ethical considerations will be discussed. Credits: (3)

CHEM 191 - Issues in Environmental Chemistry

Study of scientific concepts and facts relating to environmental issues. Topics will include environmental ethics, air and water pollution, recycling, food production, and agricultural chemistry. Credits: (3)

CHEM 192 - Human Gene Discovery Laboratory

Introduction to techniques used in gene discovery process. Credits: (3)

CHEM 193 - Chemistry in the Arts

Introduction to the chemical techniques and principals involved in visual art. Credits: (3)

CHEM 194 - Forensic Chemistry

Introduction to the chemical techniques used in criminal investigations. Credits: (3)

CHEM 232 - Quantitative Analysis

Theory and practice of methods to quantitatively determine chemical compounds, including equilibria, titrations, redox reactions, and spectrophotometry. 3 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: A grade of C or better in CHEM 140, MATH 146 or higher. Credits: (4)

CHEM 241 - Organic Chemistry I

Aliphatic and aromatic compounds of carbon; relationships between structure and reactivity. **Prerequisites & Notes** PREQ: 140. Credits: (3)

CHEM 242 - Organic Chemistry II

Continuation of 241; introductory theory of instrumentation and applications of spectral methods in structure determination. **Prerequisites & Notes** PREQ: C or better in CHEM 241. Credits: (3)

CHEM 272 - Organic Chemistry Lab

Synthetic organic techniques and contemporary methods of analysis including NMR, FT-IR, and GC. 6 Lab. **Prerequisites & Notes** PREQ: or COREQ: 242. Credits: (2)

CHEM 321 - Inorganic Chemistry

Physical and chemical properties of the elements and their compounds; emphasis on chemical reactions. **Prerequisites & Notes** PREQ: C or better in CHEM 140. Credits: (3)

CHEM 330 - Aquatic Chemistry

The sources, reactions, transport and effects of chemical species in water. Topics include phase interactions, aquatic microbial biochemistry, water pollution and treatment. 3 Lecture, 1 Lab. (Lab is not available to chemistry majors). **Prerequisites & Notes** PREQ: CHEM 133 or 140. Credits: (Lecture 3; Lab 1)

CHEM 331 - Environmental Organic Chemistry

Behavior of organic compounds in the environment, common environmental contaminants, physical-chemical properties, environmental transport, chemical transformations of organic contaminants, and the environmental fate of chemicals.(3 contact hours lecture and 3 contact hours lab) **Prerequisites & Notes** PREQ: CHEM 139 and 140 Credits: (1 or 3)

CHEM 352 - Physical Chemistry I

Introduction to chemical thermodynamics and kinetics. **Prerequisites & Notes** PREQ: C or better in CHEM 232; C or better MATH 153. Credits: (3)

CHEM 361 - Principles of Biochemistry

Structures and properties of biomolecules; central principles of metabolism. This course is cross-listed with BIOL 361. **Prerequisites & Notes** PREQ: 242. Credits: (3)

CHEM 370 - Instrumental Analysis I

Introduction to instrumental methods, including gas and liquid chromatography; atomic, ultraviolet/visible, infrared, and fluorescence spectroscopy; and photometric methods. 3 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: C or better in CHEM 232 and C or better in CHEM 241. Credits: (4)

CHEM 371 - Chemical Dynamics

Measurements and data treatment of the dynamics (e.g., kinetics, thermodynamics) of chemical systems. 6 Lab. **Prerequisites & Notes** PREQ: 370. Credits: (2)

CHEM 380 - Research in Chemistry

Chemical research projects for individual students. Lab; 3 hours weekly in lab per credit hour. **Prerequisites & Notes** PREQ: 2.5 GPA in major and permission of instructor. Credits: (1-3,R12)

CHEM 389 - Cooperative Education in Chemistry

See Cooperative Education Program. Credits: (1 or 3, R15)

CHEM 411 - Industrial Chemistry

Processes, operations, marketing, and management in chemical manufacturing. **Prerequisites & Notes** PREQ: 242, 370. Credits: (3)

CHEM 421 - Advanced Inorganic Chemistry

Survey of structure and bonding in inorganic compounds, acid-base theory, coordination complexes of transition metals and fundamentals of crystal-field and ligand-field theory. **Prerequisites & Notes** PREQ: 321 and 352. COREQ: 453. Credits: (3)

CHEM 435 - Instrumental Analysis II

Advanced theory and practice in modern chemical instrumentation, including environmental, biological and materials application. **Prerequisites & Notes** PREQ: 370. PREQ or COREQ: 352. Credits: (3)

CHEM 441 - Advanced Organic Chemistry

Synthetic methods and mechanistic study to include selected topics emphasizing the relationships between structure and reactivity. **Prerequisites & Notes** PREQ: 242, 370. Credits: (3)

CHEM 442 - Introduction to Organic Polymers

Linear and cross-linked polymers and selected topics emphasizing relationships between structure and properties. **Prerequisites & Notes** PREQ: 370. Credits: (3)

CHEM 453 - Physical Chemistry II

Quantum mechanics; introduction to molecular spectroscopy and applications of thermodynamics. **Prerequisites & Notes** PREQ: 352, MATH 255, and PHYS 230. Credits: (3)

CHEM 454 - Computer Interfacing

Digital logic, computer design, and interfacing with laboratory instruments. This course is cross-listed with PHYS 454. 2 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (3)

CHEM 461 - Environmental Chemistry

Sources, reactions, transport, effects, and fates of chemical species in water, soil, air, and living environments. **Prerequisites & Notes** PREQ: 352. Credits: (3)

CHEM 462 - Molecular Bioinformatics

Provides experience in the computer analysis of DNA and protein sequences, interrogating gene bank databases, and predicting protein structures and functions. 2 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: 361 or permission of instructor. Credits: (3)

CHEM 463 - Molecular Biotechnology

Overview of modern biotechnology from a molecular perspective. **Prerequisites & Notes** PREQ: CHEM or BIOL 361. Credits: (3)

CHEM 464 - Genomics

Molecular aspects of cellular genomes. **Prerequisites & Notes** PREQ: CHEM or BIOL 361. Credits: (3)

CHEM 465 - Forensic Chemistry

Introduction to modern forensic chemistry with emphasis on the use of instrumental methods of analysis. 3 Lecture, 3 Lab. **Prerequisites & Notes** 242, 272, and 370. Credits: (4)

CHEM 472 - Chemical Syntheses

Multistep synthesis of inorganic and organic compounds. 6 Lab. **Prerequisites & Notes** PREQ: 272. Credits: (2)

CHEM 475 - Biochemistry Laboratory

Practical applications of biochemical and molecular biology techniques associated with the production and analysis of nucleic acids and proteins. 3 Lab. **Prerequisites & Notes** PREQ: A grade of C or better in CHEM 242 or permission of instructor, Credits: (1)

CHEM 493 - Topics in Chemistry

1-3 Lecture, 0-3 Lab or Seminar. **Prerequisites & Notes** PREQ: Junior standing and permission of department head. Credits: (1-3, R6)

CHEM 495 - Seminar in Chemistry

2 Seminar. Credits: (1, R4)

CHEM 535 - Instrumental Analysis II

Advanced theory and practice of modern chemical instrumentation including environmental, biological and materials applications. 2 lecture, 3 lab. Credits: (3)

CHEM 565 - Forensic Chemistry

Forensic Chemistry Credits: (4)

CHEM 572 - Chemical Syntheses

Multi-step synthesis of inorganic and organic compounds **Prerequisites & Notes** PREQ: CHEM 242 and CHEM 272, or the equivalent courses from another institution, with a grade of "C" or better. Credits: (2)

CHEM 575 - Biochemistry Laboratory

Practical applications of biochemical and molecular biology techniques associated with the production and analysis of nucleic acids and proteins. **Prerequisites & Notes** PREQ: A grade of C or better in CHEM 242 or permission of instructor. Credits: (1)

CHEM 593 - Topics in Chemistry

Topics in Chemistry Credits: (1-3, R6)

CHEM 799 - Continuing Research - Thesis Option

Continuing Research - Thesis Option Credits: (1, R12)

Environmental Sciences

ES 101 - Careers and Issues in Environmental Science

Topical issues, career opportunities, and degree options in the environmental sciences at WCU. Students will produce a personal/professional development plan as one of the requirements. Credits: (1)

ES 150 - Introduction and Approaches to Environmental Science

An introduction for students majoring in environmental science. An overview of environmental science and current issues and approaches to studying environmental problems. 3 Lecture, 3 Lab. Credits: (4)

ES 495 - Senior Research Seminar in Environmental Science

Capstone course for environmental science majors. Students will bring together the principles learned through various coursework in the program and conduct a group research project. Credits: (3)

Forensic Science

FS 330 - Population Genetics for Forensic Science

An overview of human genetic variation and molecular population genetics as applied to forensic DNA analysis in a crime laboratory as well as the courtroom. **Prerequisites & Notes** PREQ: BIOL 240. Credits: (3)

FS 380 - Research in Forensic Science

Forensic science research projects for individual students. 9 hours lab. **Prerequisites & Notes** Permission of instructor. Credits: (3, R15)

FS 389 - Cooperative Education in Forensic Science

Supervised applications of academic study in a practical forensic science setting. **Prerequisites & Notes** Sophomore status, 2.0 GPA, permission of instructor. Credits: (3)

FS 463 - The Scientific Method

Explores the nature of evidence, proof, certainty, probability, historic developments within science, hypothesis testing and surveys criticisms of science in the courtroom in society. **Prerequisites & Notes** PREQ: Student must be of junior/senior standing. Credits: (3)

FS 465 - Forensic Chemistry

Introduction to modern forensic chemistry with emphasis on the use of instrumental methods of analysis. 3 Lecture, 3 Lab. **Prerequisites & Notes** 242, 272, and 370. Credits: (4)

FS 466 - Physical Methods in Forensic Science

Survey of physical methods in forensic science including microscopy, ballistics, pattern recognition, questioned documents, fingerprint analysis, and related physical methods. **Prerequisites & Notes** Students must be admitted into the forensic science program and be in good academic standing. Credits: (3)

FS 495 - Senior Seminar in Forensic Science

Capstone course; presentations by external scientists and by students. 2 hours per week. Credits: (1, R3)

Physics

PHYS 105 - Contemporary Physics

A lecture-laboratory integrated course covering basic theories and techniques used in physics. Topics include wave motion, matter, heat, electromagnetism, quantum mechanics, and nuclear physics. 3 Lecture/Lab. (C5) Credits: (3)

PHYS 130 - Introductory Physics I

Noncalculus-based treatment of motion, force, energy, and heat. 3 Lecture, 2 Lab. (Lecture-3 credits, Lab 1 credit) (Lab is required.) **Prerequisites & Notes** COREQ: PHYS 130 lecture and PHYS 130 lab. Credits: (4)

PHYS 131 - Introductory Physics II

A continuation of PHYS 130 covering electricity, magnetism, optics, and modern physics. 3 Lecture, 2 Lab. (Lecture 3 credits, Lab 1 credit) (Lab is required.) **Prerequisites & Notes** PREQ: PHYS 130. COREQ: PHYS 131 lecture and PHYS 131 lab. Credits: (4)

PHYS 150 - Perspectives on Physics and Technology

Inquiry-based course exploring applications of physics to solving real-world problems: historical background, scientific viewpoints, current cutting-edge research, and careers in physics and technology. 2 Lecture/Lab. Credits: (1)

PHYS 230 - General Physics I

Calculus-based study of motion, force, energy, wave motion, and thermodynamics. 3 Lecture, 3 Lab. (Lecture-3 credits, Lab-1 credit) (Lab is required.) **Prerequisites & Notes** PREQ: MATH 152 or MATH 153. COREQ: PHYS 230 lecture and PHYS 230 lab. Credits: (4)

PHYS 231 - General Physics II

A continuation of PHYS 230 covering electricity, magnetism, optics, and modern topics. 3 Lecture, 3 Lab. (Lecture 3 credit, Lab 1 credit) (231 Lab is not required for Electrical Engineering Majors.) **Prerequisites & Notes** PREQ: PHYS 230. Credits: (3-4)

PHYS 302 - Electronics

Circuit theory, discrete devices, amplifiers, operational amplifiers, integrated circuits, and digital techniques. 3 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: 131 and a course in differential and integral calculus. Credits: (4)

PHYS 310 - Modern Physics

Special relativity, quantum physics, the wave nature of matter, atomic and nuclear structure, and elementary particles.

Prerequisites & Notes PREQ: 131 or 231; MATH 140 or 153. Credits: (3)

PHYS 320 - Mathematical Methods of Physics

Complex numbers and functions, series, Fourier series, cylindrical and spherical polar coordinate systems, ordinary and partial differential equations. **Prerequisites & Notes** PREQ: 131 or 231; MATH 255. Credits: (3)

PHYS 322 - Optics

Geometrical and physical optics, introduction to quantum optics. **Prerequisites & Notes** PREQ: 131, MATH 252 or MATH 255. Credits: (3)

PHYS 325 - Thermodynamics

Classical theory of heat, first and second laws of thermodynamics, enthalpy, entropy, introductory kinetic theory, and statistical thermodynamics. **Prerequisites & Notes** PREQ: 131, MATH 256. Credits: (3)

PHYS 330 - Geophysics

Geophysics **Prerequisites & Notes** PREQ: 130 or 230. COREQ: 131 or 231. Credits: (4)

PHYS 335 - Astrophysics

Introduction to the basic principles of astrophysics; stellar structure, stellar evolution, galactic astronomy.

Prerequisites & Notes PREQ: 231 or 131; MATH 256. Credits: (3)

PHYS 360 - Laboratory Physics

Intermediate experiments in modern physics. **Prerequisites & Notes** PREQ: 131 or 231. Credits: (2)

PHYS 380 - Research in Physics

Physics research projects for individual students. Lab; 3 hours weekly in lab per credit hour. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1-3, R12)

PHYS 389 - Cooperative Education in Physics

See Cooperative Education Program. Credits: (1 or 3, R15)

PHYS 410 - Classical Mechanics

Topics in analytical mechanics using vector operators and differential equations. **Prerequisites & Notes** PREQ: 320 or MATH 256. Credits: (3)

PHYS 420 - Nuclear Physics

Nuclear decay, models, reactions, fission, fusion; lab techniques of instrumentation, gamma spectra, particle techniques. 2 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: 131 or 231 and a course in differential and integral calculus. Credits: (3)

PHYS 440 - Electricity and Magnetism

Topics in electricity and magnetism using vector operators and differential equations. **Prerequisites & Notes** PREQ: 410 and 320 or MATH 320. Credits: (3)

PHYS 450 - Quantum Mechanics

Origins of quantum theory, the Schrodinger equation, one-dimensional potentials, linear harmonic oscillator, spherically symmetric potentials and the hydrogen atom. **Prerequisites & Notes** PREQ: 310, MATH 256. Credits: (3)

PHYS 454 - Computer Interfacing

Digital logic, computer design, and interfacing with laboratory instruments. This course is cross-listed with CHEM 454. 2 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (3)

PHYS 493 - Topics in Physics

Topics in Physics **Prerequisites & Notes** PREQ: 350 or permission of department head. Credits: (2-4)

PHYS 495 - Seminar in Physics

S/U grading. Credits: (1)

Science and Entrepreneurship

SAE 682 - Capstone Experience

Capstone Experience Credits: (1)

SAE 687 - Industrial Experiences

Industrial Experiences Credits: (3, R6)

SAE 689 - Industrial Internship

Industrial Internship Credits: (3)

SAE 696 - Careers in Scientific Industry Seminar

Careers in Scientific Industry Seminar Credits: (2)

Science Education

SCI 150 - Introduction to Secondary Science Education

Introduction to the role and importance of science literacy in modern society; basics of teaching and learning in the sciences. Credits: (1)

SCI 301 - Nature & Science

The theory and practice of inquiry science. Investigation into inquiry, the nature of science, and science literacies for pre-service secondary science teachers. Credits: (3)

SCI 422 - Principles and Methods of Science Education

Philosophy and techniques of inquiry teaching applied to the science curriculum. Field experience required.

Prerequisites & Notes PREQ: Admission to teacher education, EDSE 322. Credits: (3)

SCI 451 - Environmental Science for Teachers

Materials and techniques for interdisciplinary projects. Credits: (3)

SCI 491 - Supervised Student Teaching in the Sciences, 9-12

A full-time supervised teaching experience in the Sciences. **Prerequisites & Notes** COREQ: EDSE 490, 495. Credits: (3)

SCI 493 - Topics in Science Education

Topics in Science Education Credits: (1-3)

SCI 494 - Topics in Science Education

Topics in Science Education Credits: (1-3)

Communication

Office Info: 109 Old Student Union/Main Campus (828) 227-7482 cb@email.wcu.edu

Department Website

Don Connelly, Department Head Faculty/Staff Directory (search by department)

For information on special majors in this department that are available through the Humanities Program, please check the Humanities copy under “The Honors College” in the catalog or contact The Honors College at (828) 227-7383.

Communication

COMM 140 - Introduction to Mass Communication

Survey of the history, function, and economics of the communication industry. Credits: (3)

COMM 150 - Interpersonal and Small Group Communication

Basic theory and skills in interpersonal communication including gender, nonverbal, listening, and interviewing skills. Credits: (3)

COMM 190 - A User's Guide to the Mass Media

Analysis of the practical, theoretical, historical, social and cultural contexts of mass media, the techniques they use, and the impact of those techniques. 3 Seminar. Credits: (3)

COMM 201 - Foundations Communication

Basic principles of communication skills and theory in interpersonal, small group, and public communication. (C3)
Credits: (3)

COMM 204 - Desktop Publishing

The use of personal computers and peripherals to produce publications and promotional materials. Credits: (3, R6)

COMM 215 - Organizational Communication

Channels of oral communication in complex organizations and organizational influences on communication. Credits: (3)

COMM 240 - Writing for Communication

Review of writing principles and fundamentals; identifying elements of news, news values; familiarization with styles used in journalism, broadcasting, advertising, and public relations. **Prerequisites & Notes** PREQ: ENGL 101. Credits: (3)

COMM 254 - Radio Production I

Practical course in the basics of digital audio production of radio commercials and programming elements for radio broadcasting. Credits: (3)

COMM 255 - Television Production I

Introduction to the elements of TV broadcasting and production technology, equipment and methodology. Minimum of 15 hours lab time per semester. Credits: (3)

COMM 260 - Introduction to Public Relations

The study of the management function of controlling an organization's communication with its publics. Credits: (3)

COMM 283 - Radio Practicum I

Practical experiences in radio station operations at WWCU FM. **Prerequisites & Notes** PREQ: Declared communication major; overall GPA of 2.5. Credits: (3)

COMM 284 - Television Practicum I

Practical experiences in television production. Meets one hour per week with 75 hours of television studio or location activity required for the semester. **Prerequisites & Notes** PREQ: COMM 255. Credits: (3)

COMM 296 - Introduction to Professional Development

Introductory professional development course for students interested in careers in the increasingly competitive communications industry. Credits: (1)

COMM 300 - Foundations of Oral Communication

Required of any undergraduate who receives two oral competence condition (OCC) marks. Credits: (3)

COMM 302 - Reporting of Public Affairs

Advanced reporting course on selected public affairs topics. **Prerequisites & Notes** PREQ: COMM 240. Credits: (3, R6)

COMM 303 - Public Relations Writing

Writing persuasive messages for selected audiences in public relations. **Prerequisites & Notes** PREQ: COMM 204, COMM 240. Credits: (3)

COMM 304 - Magazine and Feature Writing

Writing feature material for newspapers and magazines. **Prerequisites & Notes** PREQ: COMM 240. Credits: (3)

COMM 305 - Sports Writing

Fundamentals of sports reporting for print media. **Prerequisites & Notes** PREQ: COMM 240. Credits: (3)

COMM 307 - Advertising Writing

Writing advertising messages for the media. **Prerequisites & Notes** PREQ: COMM 240 Credits: (3)

COMM 312 - Team Communication

Techniques for participation in small groups, roles of group leader and participant, practice in problem-solving deliberation. **Prerequisites & Notes** PREQ: COMM 150. Credits: (3)

COMM 313 - Conflict Resolution

Overview of the theories and applied techniques of conflict resolution; emphasis in acquiring specific conflict resolution skills in group, interpersonal, organizational, and intercultural contexts. **Prerequisites & Notes** PREQ: COMM 150. Credits: (3)

COMM 330 - News Reporting I

Journalistic style writing for cross-platform news reporting in a digital journalism environment. **Prerequisites & Notes** PREQ: COMM 240 Credits: (3)

COMM 345 - Public and Mediated Speaking

Principles of public communication skills as related to professional and mediated speaking. **Prerequisites & Notes** PREQ: COMM 201 or equivalent and ENGL 202. Credits: (3)

COMM 346 - Communications Ethics and Responsibilities

The legal and moral responsibilities of communicators in the communication industry. Credits: (3)

COMM 350 - Communication Theory and Criticism

Survey of theoretical genres used across communication disciplines. **Prerequisites & Notes** PREQ: COMM 150. Credits: (3)

COMM 351 - Introduction to Television Studies

Evaluative study of television in America as it has evolved from the 19th century to the present. Perspectives include technology, production, regulation and social impact. 3 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: COMM. 240 Credits: (3)

COMM 352 - Writing for Broadcast

Writing commercials, public-service announcements, station promotions, and short educational/ entertainment features for radio and television. **Prerequisites & Notes** PREQ: COMM 240. Credits: (3, R6)

COMM 354 - Radio Production II

Advanced course in digital audio production for the radio broadcasting industry including multi-track commercial and programming element production. **Prerequisites & Notes** PREQ: COMM 254. Credits: (3)

COMM 355 - Television Production II

Continuation of COMM 255 with emphasis on production, editing, and related technical/ creative skills. Minimum of 30 hours lab time per semester required. **Prerequisites & Notes** PREQ: COMM 255. Credits: (3)

COMM 365 - Public Relations Case Studies

Analysis and critique of the theories, strategies and factors used in classic and contemporary public relations campaigns and programs. **Prerequisites & Notes** PREQ: COMM 260. Credits: (3)

COMM 383 - Radio Practicum II

Advanced experiences in radio station operations at WWCU FM. **Prerequisites & Notes** PREQ: COMM. 283 and overall GPA of 2.5. Credits: (3)

COMM 384 - Television Practicum II

Advanced practical experiences in television production. Meets one hour per week with 75 hours of television studio or location activity required for the semester. **Prerequisites & Notes** PREQ: COMM 284. Credits: (3)

COMM 385 - News Practicum I

Editing, writing, producing news content for use in the on-campus news outlet (s). Content may include written/audio/video components. Meets 1 hour per week with 75 hours of news gathering and publishing activity required for the semester. **Prerequisites & Notes** PREQ: COMM 240, 330; ENGL 313. Credits: (3)

COMM 400 - Crisis Communications

Developing, following and evaluating a crisis communication plan, serving as crisis spokesperson, and communicating with the media and other publics during a crisis. **Prerequisites & Notes** PREQ: COMM 345 Credits: (3)

COMM 410 - The Rhetoric of Performance

Overview of performance studies as an aspect of the communication discipline. Credits: (3)

COMM 411 - Rhetorical Theory & Criticism

Ancient and modern concepts and theories and application to rhetorical acts. **Prerequisites & Notes** PREQ: COMM. 201 Credits: (3)

COMM 414 - Gender Communication

An examination of the communication behavior of women and men in different contexts; existing communication differences dealing with self-perception, information processing, verbal and nonverbal coding, images of women and men. Credits: (3)

COMM 415 - Intercultural Communication

Introduction to the practical application of intercultural communication theory and skills needed to manage the multicultural workplace. (P6) Credits: (3)

COMM 416 - Communication Training and Development

This course provides an introduction to the theory, methods, and techniques of communication training and development. **Prerequisites & Notes** PREQ: COMM 150, COMM 345 and 6 hours of organizational or human communication classes. Credits: (3)

COMM 417 - Advanced Professional Speaking

Advanced principles of public communication skills as related to professional speaking. **Prerequisites & Notes** PREQ: COMM. 345 Credits: (3)

COMM 430 - News Reporting II

Finding sources of information, developing interview techniques, and writing news for digital journalism; emphasis on completing tasks under deadline conditions. **Prerequisites & Notes** PREQ: COMM. 330. Credits: (3)

COMM 451 - Advanced Studies in Television Studies

Advanced studies of the cultural impact of the technological and regulatory changes in the television industry during the late 20th century and early 21st century. **Prerequisites & Notes** PREQ: COMM. 351 or permission of instructor. Credits: (3)

COMM 456 - The Business of Broadcasting

Principles of operations management in radio, television, and cable at the local and network levels. **Prerequisites & Notes** PREQ: COMM 254 and 255. Credits: (3)

COMM 457 - Radio and Television Programming

Techniques of programming for AM and FM radio; public and commercial television; cable and satellite operations. **Prerequisites & Notes** PREQ: COMM 354 or 355. Credits: (3)

COMM 458 - Broadcast Sales and Promotion

Introduction to the skills involved in marketing and selling broadcast time and promotions. The course includes the opportunity for professional radio marketing certification. **Prerequisites & Notes** PREQ: COMM 254 or 255. Credits: (3)

COMM 460 - Public Relations Campaigns

Identification and analysis of organizational publics, the development of specific communication strategies to influence those publics, and the implementation and evaluation of those communication strategies. **Prerequisites & Notes** PREQ: COMM 204, 260, 365, 303. Credits: (3)

COMM 483 - Internship in Communications

Work experience in the communication industry. S/U grading. **Prerequisites & Notes** PREQ: Completed 90 hours, 2.75 overall GPA and permission of department head. Credits: (3, R9)

COMM 485 - News Practicum II

Editing, writing, producing news content for use in the on-campus news outlet (s). Content may include written/audio/video components. One hour per week with 75 hours of news gathering and publishing activity required for the semester. **Prerequisites & Notes** PREQ: 385 Credits: (3)

COMM 493 - Selected Topics in Communication

Study in a special area of interest in communication. Credits: (3, R9)

COMM 494 - Communication Projects

Practical experience, performance, or research in the fields of broadcasting, broadcast sales, journalism, public relations, or related areas. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1-3, R6)

COMM 496 - Seminar in Professional Development

The development and evaluation of professional credentials for entry into the communication industry. **Prerequisites & Notes** PREQ: COMM 296. Credits: (1)

COMM 593 - Selected Topics in Communication

Selected Topics in Communication Credits: (3)

Dance

DA 253 - Social/Ballroom Dance

Basic steps involved in popular social and ballroom dances. 3 Studio Credits: (1)

English

Office Info: 308 Coulter Building/Main Campus (828) 227-7264 engl@email.wcu.edu

Department Website

Brian Gastle, Department Head Faculty/Staff Directory (search by department)

For more information and updates, please see department web site: <http://english.wcu.edu>

Majors

- BA English-Literature
- BA English-Professional Writing
- BA English-Motion Picture Studies
- BA English- English Studies Pedagogy (Coordinating major for the BSEd Comprehensive Education-Secondary English)

Minors The following minors, also administered by the Department of English, are available to all majors, with the exception of some concentrations in English or Communications, as listed below.

- Minor in Creative Writing
- Minor in English
- Minor in Film Studies
- Minor in Literature
- Minor in Professional Writing

Other minors in which the Department of English participates includes the Following College of Arts and Sciences Interdisciplinary minors:

- Minor in American Studies
- Minor in Multimedia

The Journalism Minor is currently being relocated from the Department of English to the Department of Communication. Please contact the Department of Communication for the current approved curriculum for the Journalism Minor.

English

ENGL 101 - Writing and Rhetoric

First year composition writing. Introduction to rhetoric and college-level writing, reading, and thinking. Students develop individual writing process, research, and self-assessment strategies. (C1) Credits: (3)

ENGL 131 - Academic English for Non-native Speakers (3)

Helps students develop strategies in reading, writing, speaking, and listening in academic English settings. Limited to non-native speakers at an intermediate level or above. Credits: (3)

ENGL 132 - American English for Non-Native Speakers II

A specialized writing and mechanic skills class providing further preparation for composition courses. Exceptional performance and satisfaction of other criteria may result in waiver of 101. Credits: (3)

ENGL 190 - Freshman Seminar in Literature

Reading and writing about literature, with emphasis on human experience and values. Credits: (3)

ENGL 191 - Freshman Seminar in Creative Writing

Allows students to explore, practice, and discuss their creative writing, with emphasis on one or more of the following: poetry, fiction, creative nonfiction, and screenwriting. Credits: (3)

ENGL 192 - First Year Seminar in Motion Picture Studies

Reading and writing about motion pictures, with an emphasis on critical viewing practices. The final project will be a student-run film festival. Credits: (3)

ENGL 200 - Introduction to the English Major

This one-hour course provides an opportunity to introduce students to the major. Credits: (1)

ENGL 202 - Writing and Critical Inquiry

Second year writing. Research based course in scholarly writing and rhetoric. Students engage in interdisciplinary inquiries, solve complex problems, and develop arguments, synthesizing their ideas with the ideas of others.

Prerequisites & Notes PREQ: ENGL 101. (C1) Credits: (3)

ENGL 204 - The Literature of Culture

The study of a variety of nonwestern cultures through their literature. Emphasis on such issues as religion, gender and family, economics, and social organization. (P6) Credits: (3)

ENGL 206 - Literature of Place

Liberal studies of literature of place, focusing on one general locations—such as Appalachia, South, West—or pairing of related places, such as urban-suburban. (P4) Credits: (3)

ENGL 207 - Popular Literature and Culture

Examines various popular literary genres, including gothic, popular romances, mysteries, westerns, science-fiction and fantasy, children's literature, film, television, and the Internet. (P4) Credits: (3)

ENGL 209 - Past Times: Literature and History

Focuses upon the relationship between literature of the past and historical events, historical documents, and the events and texts of our time. (P4) Credits: (3)

ENGL 210 - Contemporary African American Literature

This course explores the rich tradition of African American literature from World War II to the present. (P4) Credits: (3)

ENGL 220 - Introduction to Writing Fellows

Practical and effective strategies for helping student writers revise their work, focus on the writing process (including one's own process), and examine writing conventions across disciplines.

Prerequisites & Notes PREQ: Obtain permission from Associate Director of Writing and Learning Commons
COREQ: Twenty-five (25) hours of actual tutoring time. Credits: (1)

ENGL 221 - Advanced Leadership and Development for Writing Fellows (1)

Develop rhetorical skills and tutorial practice; research writing center and composition theory; reflect on own tutoring practice. For experienced tutors. **Prerequisites & Notes** PREQ: ENGL 220 or equivalent tutoring experience. Obtain permission from Associate Director of Writing and Learning Commons. COREQ: Twenty-five (25) hours of actual tutoring time.

Credits: (1)

ENGL 231 - The Interpretation of Literature

An introduction to the close reading of poetry, fiction, and drama, emphasizing theme, structure and form, figurative language, and style. Introduction to major critical approaches. (P4) Credits: (3)

ENGL 232 - Introduction to Mythology

The basic Greek and Roman myths: their origins, their manifestations in the great classical epics, and their variations in the works of later authors. (Closed to freshmen 0-24 hours). Credits: (3)

ENGL 240 - Research, Literary Criticism & British Literature

Survey of British literature with a particular emphasis on learning research skills as well as how to incorporate outside sources and literary criticism into writing. **Prerequisites & Notes** PREQ: ENGL 101. Credits: (3).

ENGL 241 - Formalism & American Literature

Survey of American literature with a particular emphasis on formalism, the technical vocabulary used in literary study and the skill of close reading. **Prerequisites & Notes** PREQ: ENGL 101. Credits: (3)

ENGL 242 - Cultural Studies & Non-Western World Literature

Survey of non-western world literature with a particular emphasis on the role that culture plays in textual production. **Prerequisites & Notes** PREQ: ENGL 101. Credits: (3)

ENGL 278 - Introduction to Film Studies

An introduction to the study of film as a means of artistic expression and as a mirror of cultural values in the twentieth century. (Closed to freshmen 0-24 hours). Credits: (3)

ENGL 290 - Literature and the Sacred

Themes, images, and concepts of the Sacred in literature such as the Bible, myths of origin, Native American sacred stories, or Metaphysical poetry. (P4) Credits: (3)

ENGL 300 - Foundation Composition

Intensive practice of composition in all its aspects from invention to final polish. Required of undergraduates who receive two *Composition Condition* marks. Credits: (3)

ENGL 302 - Introduction to Creative Writing and Editing

Career opportunities and practices in creative writing genres; editing and preparation of creative manuscripts for publication. (Closed to freshmen 0-24 hours). Credits: 3

ENGL 303 - Introduction to Professional Writing and Editing

Career opportunities, practices and skills in professional writing, editing, and conventional and electronic publication. (Closed to freshmen 0-24 hours). Credits: (3)

ENGL 304 - Writing for Electronic Environments

A course that teaches clear and coherent writing in electronic environments, including multimedia publication, Web page and document design, and computer documentation, instructions, and manuals. (Closed to freshmen 0-24 hours). **Prerequisites & Notes** PREQ: Engl. 303 Credits: (3)

ENGL 305 - Technical Writing

Writing and editing technical manuals and reports; layout and production of technical document with practice in computer applications. (Closed to freshmen 0-24 hours). Credits: (3)

ENGL 306 - Nonfiction Writing

Study and practice of technique and form in creative nonfiction writing, workshop discussion of students' original work and revisions; analysis of contemporary memoirs, personal essays and nonfiction shorts. (Closed to freshmen 0-24 hours). **Prerequisites & Notes** PREQ: Engl. 302 Credits: (3)

ENGL 307 - Professional Editing and Publishing

Advanced practicum in student's chosen area in professional writing; editing practices and production; copyright and libel law. (Closed to freshmen 0-24 hours). **Prerequisites & Notes** PREQ: Engl. 101 and 102; 303 Credits: (3)

ENGL 308 - Fiction Writing

Study and practice of technique and form in fiction writing; workshop discussion of students' stories and assigned exercises; original work and revision. (Closed to freshmen 0-24 hours). **Prerequisites & Notes** PREQ: Engl. 302 Credits: (3, R6)

ENGL 309 - Poetry Writing

Study and practice of technique and form in poetry writing, emphasizing traditional as well as free verse; analysis of contemporary poetry; students' poetry read for class criticism. (Closed to freshmen 0-24 hours). **Prerequisites & Notes** PREQ: Engl. 302 Credits: (3, R6)

ENGL 312 - Grammar for Teachers

The grammar of standard American English. For students who wish to pursue careers in teaching English and language arts. (Closed to freshmen 0-24 hours). Credits: (3)

ENGL 313 - Authoring Multimedia

Applying the principles of clear professional writing to the creation of multimedia communications that incorporate text, art, audio, and video. (Closed to freshmen 0-24 hours). **Prerequisites & Notes** PREQ: Engl. 303 Credits: (3, R6)

ENGL 319 - The Teaching of Grammar

Strategies for and application of the concepts of grammar and language in the teaching of English. (Closed to freshmen 0-24 hours). **Prerequisites & Notes** PREQ: 312. Credits: (3)

ENGL 333 - Introduction to Shakespeare

General survey of Shakespeare's life, times, and most popular plays. (Literature majors should take 431, Shakespeare and His Age.) (Closed to freshmen 0-24 hours). (P4) Credits: (3)

ENGL 350 - The Renaissance

Examines the Renaissance: the rise of religious debate, print culture, humanist philosophies, voyages of discovery, and the effect these had on art and literature. (Closed to freshmen 0-24 hours). (P4) **Prerequisites & Notes** PREQ: 101 and 102. Credits: (3)

ENGL 351 - The Beats, Radicals, and Avant-Garde Literature

An examination of the literature of the Beat movement and other radical, avant-garde, and protest movements to determine how disenfranchised groups change cultural perceptions. (Closed to freshmen 0-24 hours). (P4) **Prerequisites & Notes** PREQ: 101 and 102. Credits: (3)

ENGL 352 - The Journey in Literature

Examines literature with the journey as its focal point, both in short pieces like poems and short stories as well as in longer, epic works. (Closed to freshmen 0-24 hours). (P4) **Prerequisites & Notes** PREQ: 101 and 102. Credits: (3)

ENGL 353 - Stories Retold

This course focuses on novels, plays, poems, and films that are contemporary retellings of canonical works. Narratives are retold from the perspectives of marginalized characters. (P4) Credits: (3)

ENGL 366 - Literature of American Immigration

Examines the literature by and about US immigrants or their descendants. (Closed to freshmen 0-24 hours). (P6) Credits: (3)

ENGL 367 - Appalachian Literature

A survey of the poetry, fiction, and nonfiction works from the Southern Appalachian region with particular emphasis on cultural and historical themes of the region. (Closed to freshmen 0-24 hours). (P4) **Prerequisites & Notes** PREQ: 101 and 102. Credits: (3)

ENGL 368 - Film Genres

An introduction to several film genres or an intensive exploration of one film genre—such as comedy, horror, science fiction, documentary, or musical. (P4) Credits: (3, R6)

ENGL 378 - Motion Picture Histories

An examination of key periods in the history of film and television which are important to their development as artistic and cultural phenomena in the twentieth century. Closed to freshmen 0-24 hours.

Prerequisites & Notes PREQ: 278. Credits: (3)

ENGL 389 - Cooperative Education: Professional Writing

See Cooperative Education Program. Closed to freshmen 0-24 hours. **Prerequisites & Notes** PREQ: 303. Credits: (1 or 3, R15)

ENGL 390 - The Bible as Literature

The Bible as literature examines key portions of the Bible, exploring its array of subjects and themes, and of literary styles and genre. Closed to freshmen 0-24 hours. (P4) **Prerequisites & Notes** PREQ: 101 and 102. Credits: (3)

ENGL 394 - Film Adaptation

Focus on a narrower area of film study, such as a specific direction, period of film history, or nationality of filmmakers. Closed to freshmen 0-24 hours. Credits: (3, R6)

ENGL 401 - Writing for Careers

Theory and application of rhetoric in professional communication; emphasis on triad of author, subject, and audience. Practical assignments: memos, letters, resumes, reports, and persuasive messages. Closed to freshmen 0-24 hours. Credits: (3)

ENGL 405 - Advanced Creative Writing

Intensive study and practice of creative writing; emphasis on required individual projects. Closed to freshmen 0-24 hours. **Prerequisites & Notes** PREQ: Satisfactory writing sample and permission of instructor. Credits: (3)

ENGL 411 - History of the English Language

Origins and development of the English language from the beginnings to the present. Closed to freshmen 0-24 hours. Credits: (3)

ENGL 412 - Grammar for Writers

The grammar and editorial practices of standard American English. For students who wish to explore careers in writing. (Closed to freshmen 0-24 hours). Credits: (3)

ENGL 414 - Fundamentals of Teaching Composition

Theoretical and practical basis for designing and teaching composition course; analysis of rhetorical, cognitive, and linguistic approaches. Practical, research-based techniques and issues. Offered every spring semester. (Closed to freshmen 0-24 hours). Credits: (3)

ENGL 415 - Linguistics

Linguistics Credits: (3)

ENGL 416 - Teaching English as a Second Language

Current trends/strategies in teaching English to nonnative speakers. Aspects of American culture that affect language learning. (Closed to freshmen 0-24 hours). Credits: (3)

ENGL 417 - Methods for Teaching English

Methods, materials, curriculum, and trends in teaching in the secondary schools. (Closed to freshmen 0-24 hours).

Prerequisites & Notes PREQ: EDSE 322; admission to the teacher education program. Credits: (3)

ENGL 418 - Fundamentals of Teaching Literature

Methods, materials, curriculum, trends, and assessment in teaching literature in secondary schools. (Closed to freshmen 0-24 hours.) **Prerequisites & Notes** PREQ: ENGL 202. Credits: (3).

ENGL 419 - Medieval Literature

Medieval British Literature (600-1500) in its European context. Content may include Arthuriana, Beowulf, Gower, Kempe, Dante, Gawain Poet, and Boccaccio. (Closed to Freshman 0-24 hours) Credits: (3)

ENGL 420 - Chaucer and His Age

Chaucer's major poetry; emphasis on Troilus and Criseyde and The Canterbury Tales; selected readings from the works of contemporaries. (Closed to freshmen 0-24 hours). Credits: (3)

ENGL 421 - Fairy Tale Literature

The genre of the fairy tale: its structure and theme; its influence on children's literature as well as mainstream literature. (Closed to freshmen 0-24 hours). Credits: (3)

ENGL 430 - English Literature of the Renaissance

Representative Tudor and Jacobean prose and nondramatic poetry. (Closed to freshmen 0-24 hours). Credits: (3)

ENGL 431 - Shakespeare and His Age

(Closed to freshmen 0-24 hours). Credits: (3)

ENGL 440 - Milton and His Age

Milton's major poems; selections from his prose; readings from works of contemporaries. (Closed to freshmen 0-24 hours). Credits: (3)

ENGL 441 - The Age of Pope, Swift, and Johnson

Selections from the works of Pope, Swift, Johnson, and their contemporaries. (Closed to freshmen 0-24 hours). Credits: (3)

ENGL 450 - Major Writers

Selected works of one or more important authors from a single historic period. (Closed to freshmen 0-24 hours). Credits: (3, R6)

ENGL 451 - Nineteenth-Century British Writers

The poetry and fiction of the major Romantic and Victorian authors, including Wordsworth, Coleridge, Keats, Shelley, Tennyson, Browning, Arnold, and Dickens. (Closed to freshmen 0-24 hours). Credits: (3)

ENGL 459 - Southern Literature

A survey of the literature of the South from its beginnings to the present with particular emphasis on cultural and historical themes of the region. (Closed to freshmen 0-24 hours). Credits: (3)

ENGL 461 - The "Long 19th Century" in American Literature

Classic American literature with Irving, Emerson, Poe, Thoreau, Whitman, and Dickinson, plus the expanded canon of diverse women, abolitionists, African Americans, realists, and naturalists. Credits: (3)

ENGL 463 - Contemporary Literature

Study of literature written from World War II to the present with an emphasis on intertextuality and influence. (Closed to freshmen 0-24 hours). Credits: (3)

ENGL 464 - Native American Literature

Ancient oral tradition and contemporary works. Perceptions of culture, environment, and time observed in "old ways" stories; how influences emerge in "new way" poetry and fiction. (Closed to freshmen 0-24 hours). Credits: (3)

ENGL 465 - Topics in African American Literature

Selected topics, authors or periods of significant importance in African American literature. (Closed to freshmen 0-24 hours). Credits: (3)

ENGL 469 - Directors/Screenwriters/Stars

Focus on specific director, screenwriter, or celebrity important to the development of film and television as artistic and cultural phenomena in the twentieth century. **Prerequisites & Notes** PREQ: 278. Credits: 3, R6

ENGL 470 - Twentieth-Century and Contemporary Postcolonial Literature

Literature and film by authors from formerly colonized areas such as Africa, India, Australia, New Zealand, and the Caribbean that share English as literary language. (Closed to freshmen 0-24 hours). Credits: (3)

ENGL 471 - Studies in Poetry

A study of the genre of poetry. A consideration of developments in poetry, form and audience organized by literary period or theme. (Closed to freshmen 0-24 hours). Credits: (3)

ENGL 472 - Studies in Fiction

A study of the genre. A consideration of development in narrative, form and audience organized by literary period or theme. (Closed to freshmen 0-24 hours). Credits: (3)

ENGL 473 - Studies in Drama

A study of the genre of drama. A consideration of developments in drama, form, performance and audience organized by literary period or theme. (Closed to freshmen 0-24 hours). Credits: (3)

ENGL 474 - Literary Theory

Study of literary theory's most compelling issues and current schools of thought: Deconstruction, Feminism, Psychoanalysis, New Historicism, Marxism, Race and Ethnicity, Post-colonial, Ecocriticism. (Closed to freshmen 0-24 hours). Credits: (3)

ENGL 475 - Modernism

Study of literature written from 1900 to World War II. Literature will include multiple genres and national origins. (Closed to freshmen 0-24 hours). Credits: (3)

ENGL 476 - The Short Story

History and development of the short story in Western literature. (Closed to freshmen 0-24 hours). Credits: (3)

ENGL 477 - Literature and Gender

Study of literature by or about women; the relationship of men and women in literature; feminist issues from a literary perspective. (Closed to freshmen 0-24 hours). Credits: (3)

ENGL 478 - Film Theory

A focused study of classical and contemporary film theory and debates, such as montage, apparatus theory, historiography, realism, and the gaze. (Closed to freshmen 0-24 hours). Credits: (3)

ENGL 479 - Studies in Literature

Topics vary. (Closed to freshmen 0-24 hours). Credits: (3, R6)

ENGL 480 - Studies in English

Independent study/directed research in English. (Closed to freshmen 0-24 hours). **Prerequisites & Notes** PREQ: Permission of instructor and department head. Credits: (1-3, R6)

ENGL 483 - Writing Internship

Practical experience in a writing-related setting. S/U grading. 9 hours per week per course. (Closed to freshmen 0-24 hours). **Prerequisites & Notes** PREQ: 303. Credits: (3)

ENGL 484 - Writing Internship

Practical experience in a writing-related setting. S/U grading. 9 hours per week per course. (Closed to freshmen 0-24 hours). **Prerequisites & Notes** PREQ: 303. Credits: (3)

ENGL 485 - Writing Internship

Practical experience in a writing-related setting. S/U grading. 9 hours per week per course. (Closed to freshmen 0-24 hours). **Prerequisites & Notes** PREQ: 303. Credits: (3)

ENGL 491 - Supervised Student Teaching in English, 9-12

A full-time supervised teaching experience in English. (Closed to freshmen 0-24 hours). **Prerequisites & Notes** COREQ: EDSE 490, 495. Credits: (3)

ENGL 493 - Topics in Creative Writing

Study and practice of writing in a special area, e.g., the novel, drama, science fiction, juvenile literature. (Closed to freshmen 0-24 hours). Credits: (1-3, R6)

ENGL 494 - Special Topics in Advanced American English for Non-Native Speakers

An advanced academic writing skills class for upper level undergraduates whose native language is not English. Focus will be both on rhetorical style and on mechanics (grammar and punctuation). (Closed to freshmen 0-24 hours).

Prerequisites & Notes Credit not applicable toward hours for graduation. Credits: (1, R6)

ENGL 496 - Seminar in World Literature

World literature and/or in translation organized by literary period, national origin, or theme. (Closed to freshmen 0-24 hours). Credits: (3)

ENGL 497 - Senior Seminar in Writing

Capstone course for journalism concentration. Majors in Professional Writing and Minors in creative writing, journalism, and professional writing may be admitted with instructor's permission. (Closed to freshmen 0-24 hours).

Prerequisites & Notes PREQ: Senior standing. Credits: (3)

ENGL 498 - Senior Seminar in English

This course will provide a capstone experience for the English major, evenly divided between career preparation and an intensive study of a chosen topic. (Closed to freshmen, sophomores, and juniors 0-72 hours). **Prerequisites & Notes** PREQ: Senior standing. Credits: (3)

ENGL 616 - Foundations of ESL and Language Learning

Foundations of ESL and Language Learning Credits: 3

ENGL 626 - ESL Methodology: Listening and Speaking

ESL Methodology: Listening and Speaking Credits: 3

ENGL 627 - ESL Methodology: Reading and Writing

ESL Methodology: Reading and Writing Credits: 3

ENGL 628 - ESL Curriculum and Administration

ESL Curriculum and Administration Credits: (3)

ENGL 674 - Transnational Literature

Transnational Literature Credits: (3)

ENGL 683 - TESOL Practicum

TESOL Practicum Credits: (3)

ENGL 694 - Special Topics in Rhetorical Theory

Special Topics in Rhetorical Theory Credits: (3, R6)

ENGL 695 - Contemporary Composition Theory

Contemporary Composition Theory Credits: (3, R6)

Geosciences and Natural Resources

Office Info: 331 Stillwell Building/Main Campus (828) 227-7367 gnr@email.wcu.edu

Department Website

Peter Bates, Interim Department Head Faculty/Staff Directory (search by department)

Earth Sciences

ESI 471 - Field Studies of Selected Regions

Interdisciplinary group project on a designed region; a two-week field trip following spring final exams. Cost to be determined. **Prerequisites & Notes** PREQ: Junior standing, GEOL 150 or GEOG 150, and permission of instructor. Credits: (3, R6)

Forestry

FOR 131 - Introduction to Forest Resources

The profession of forestry, its scope and opportunities; forest resource conservation and utilization; field exercises in forestry practices. **Prerequisites & Notes** PREQ: Pre-forestry major. Credits: (3)

Geography

GEOG 101 - Population Geography

Analysis of global patterns of human population. Population composition, fertility/mortality, migration are considered. Theories of population change and environmental impacts. (P1) Credits: (3)

GEOG 103 - Cultural Geography

Interrelations of man, earth, and culture; the geography of race, language, religion; political and economic patterns; population growth and movements. (P6) Credits: (3)

GEOG 150 - Environmental Geography

Survey of man's physical habitat, including weather and climate, soils, vegetation, and landforms; emphasis on phenomena that most influence man. Credits: (3)

GEOG 300 - Weather and Climate

Meteorology (temperature, humidity, pressure, precipitation, winds, radiation); global heat budget, CO₂ cycle, jet stream, air masses, fronts, storms; global distribution of climate. 3 Lecture, 2 Lab. Credits: (4)

GEOG 302 - Geomorphology

Classification, description, origin, and development of landforms; relationships to underlying structures and climates. This course is cross-listed with GEOL 302. 3 Lecture, 2 Lab; field trip. **Prerequisites & Notes** PREQ: 150 and GEOL 150. Credits: (4)

GEOG 305 - Soils and Hydrology

Soil genesis, properties, and classification; the hydrologic cycle; surface runoff and groundwater; water budgets and water quality; management of soils and water. This course is cross-listed with GEOL 305. 3 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (4)

GEOG 321 - Geographic Information Systems

Principles and methods of geographic information systems. Discussion of spatial data, analysis, and display. Use of an operational geographic information system. Credits: (3)

GEOG 322 - Cartography

Map design and construction; basic projects, data gathering, and display methods. 2 Lecture, 6 Lab. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (4)

GEOG 324 - Introduction to Remote Sensing

Interpretation and applications of remote sensing; satellite and aerial imagery, elementary photography, stereoscopic viewing, and photomapping. 3 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: 150 or permission of instructor; GEOL 150 desirable. Credits: (4)

GEOG 350 - Economic Geography

Principles governing world distribution and production of economic and natural resources. Credits: (3)

GEOG 389 - Cooperative Education in Geography

See Cooperative Education Program. Credits: (1 or 3, R15)

GEOG 400 - Natural Regions of North America

Regions of the United States and Canada; landforms, geology, climates, soils, vegetation, water; emphasis on features most affecting man. **Prerequisites & Notes** PREQ: 150 or GEOL 150. Credits: (3)

GEOG 402 - Conservation of Natural Resources

Quantity, quality, and distribution of resources in the United States; dilemma of increasing demand on a dwindling resource base. Credits: (3)

GEOG 424 - Advanced Remote Sensing

Interpretation and application of remotely sensed data on the earth's physical and cultural environments; major project required. **Prerequisites & Notes** PREQ: Permission of instructor. 3 Lecture. 3 Lab. Credits: (4)

GEOG 440 - Regional Geography

Physical, economic, and social aspects of the geography of a selected region (Asia, Europe, USSR, Africa, North America, Middle East, Latin America). (P6) **Prerequisites & Notes** Only three hours may count toward liberal studies credit. Credits: (3, R12)

GEOG 441 - Geography of Appalachia

Physical, economic, and cultural aspects of the Appalachian Region. Analysis of locational patterns of environmental and human characteristics. **Prerequisites & Notes** PREQ: Junior/senior standing. Credits: (3)

GEOG 444 - Political Geography

Territorial and cultural elements in the formation of national and international boundaries; case studies. Credits: (3)

GEOG 460 - Urban and Regional Land Use Planning

Principles and practices of urban regional planning; types of planning reports; applications to North Carolina. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (3)

GEOG 462 - Introduction to Urban Geography

Study of the spatial structure and function of urban places; theories of city origin and growth. Credits: (3)

GEOG 464 - Industrial Location and Community Development

Measures of manufacturing; location theory; decision-making factors in the location of industry; community development planning practices. **Prerequisites & Notes** PREQ: 350 or permission of instructor. Credits: (3)

GEOG 483 - Internship in Geography

Practical application of academic training in an approved agency under faculty super-vision. S/U grading. 9 hours per week per course. **Prerequisites & Notes** PREQ: Junior standing. Credits: (3)

GEOG 484 - Internship in Geography

Practical application of academic training in an approved agency under faculty super-vision. S/U grading. 9 hours per week per course. **Prerequisites & Notes** PREQ: Junior standing. Credits: (3)

GEOG 485 - Internship in Geography

Practical application of academic training in an approved agency under faculty super-vision. S/U grading. 9 hours per week per course. **Prerequisites & Notes** PREQ: Junior standing. Credits: (3)

GEOG 491 - Topics in Geography

Presentation and discussion of subjects of current interest. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1-3, R6)

GEOG 493 - Special Problems

Directed individual research on selected topics. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1-3, R6)

GEOG 495 - Senior Seminar in Geography

Readings in historical/philosophical foundations and current topics in geography. Written and oral presentation of student research. 3 Seminar. **Prerequisites & Notes** PREQ: Senior standing or permission of instructor. Credits: (3)

Geology

GEOL 140 - Investigations in Environmental Geology

Class will conduct a holistic investigation of a problem in environmental geology using basic principles and methods of science and geology; investigation topics will vary. (C5) Credits: (3)

GEOL 150 - Methods in Geology

Topics related to earth materials and solid and surficial earth processes explored through field, analytical, and computing methods, developing investigation and communication skills. 3 Lecture, 3 Lab. (C5) Credits: (4)

GEOL 155 - Historical Geology

Major events and changes in life forms in North American geological history; fossils, ancient environments, and geologic interpretation. 3 Lecture, 2 Lab. Credits: (4)

GEOL 191 - Geology, Landscapes, and the Human Psyche

How the physical world determines the appearance, climate, and ecology of our planet and how this physical landscape reflects a region's history, literature, and human ecology. Credits: (3)

GEOL 250 - Introduction to the Rock Forming Minerals

Introduction to the Rock Forming Minerals **Prerequisites & Notes** PREQ: 140 or 150 and CHEM 132 or 140. Credits: (3)

GEOL 260 - Oceanography

Interdisciplinary study of the ocean through an examination of its physical, biological, and chemical processes. **Prerequisites & Notes** PREQ: Any 100 level biology, chemistry, or geology course. Credits: (3)

GEOL 302 - Geomorphology

This course is cross-listed with GEOG 302. Credits: (4)

GEOL 305 - Soils and Hydrology

Soil genesis, properties, and classification; the hydrologic cycle; surface runoff and groundwater; water budgets and water quality; management of soils and water. This course is cross-listed with GEOG 305. 3 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (4)

GEOL 310 - Principles of Soils and Hydrology for Construction Managers

Provides an understanding of the distribution and genesis of soils, soil physical and geotechnical properties, and hydro-geological processes that impact construction; field and geologic analysis. Credits: (4)

GEOL 330 - Geophysics

Geophysics **Prerequisites & Notes** PREQ: PHYS 130 or 230. COREQ: PHYS 131 or PHYS 231. Credits: (4)

GEOL 355 - Petrology

Introduction to igneous, sedimentary, and metamorphic rock genesis and their environments of formation; includes hand specimen and optical identification and fieldwork. 3 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: 250. Credits: (4)

GEOL 356 - Advanced Petrology

Petrogenesis of igneous and metamorphic rocks using geochemistry and phase equilibria studies of mineral assemblages under various temperature-pressure conditions. **Prerequisites & Notes** COREQ: GEOL 355. Credits: (2)

GEOL 371 - Structural Geology

Descriptive structural geology; emphasis on outcrop and regional scale deformational features; use of maps and graphic techniques in structural analysis. 3 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: 250 and two 100 level geology courses. Field trips. Credits: (4)

GEOL 389 - Cooperative Education in Geology

See Cooperative Education Program. Credits: (1 or 3, R15)

GEOL 393 - Special Problems in Geology

Supervised research that includes a final oral presentation. Research requirements will vary with credit. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1-4, R6)

GEOL 394 - Geology Field Trip

An extended field trip to see different geologic environments. Credits: (1-3, R4)

GEOL 405 - Hydrogeology

Overview of basic principles and methods of hydrogeology with emphasis on groundwater, groundwater-surface water interactions, geologic controls, water chemistry, field investigations, and environmental problems. **Prerequisites & Notes** PREQ: GEOL/GEOG 305 or GEOL/GEOG 302 or permission of instructor. Credits: (4)

GEOL 410 - Fluvial Geomorphology

Survey of channel hydraulics, sediment transport and deposition, and channel responses to natural and anthropogenic disturbances; emphasizes factors controlling channel form and process. Credits: (3)

GEOL 422 - Sedimentation and Stratigraphy

The origin and interpretation of sedimentary rocks, the study of depositional environments, and the use of layered rocks in the interpretation and synthesis of the geologic record. Field trips. 3 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: 140 or 150 and 155. Credits: (4)

GEOL 423 - Contaminated Rivers: Assessment, Remediation, and Restoration

Survey of trace metal transport and fate in riverine environments and their potential impacts on ecosystem and human health; emphasizes remediation techniques. Credits: (3)

GEOL 455 - Wetlands

Wetland science and management with an emphasis on physical processes and field techniques. **Prerequisites & Notes** PREQ: Junior/senior standing or permission. Credits: (3)

GEOL 465 - Environmental Geochemistry

Applying chemical principles in the study of geologic topics including environmental contaminants, element cycling, environmental reconstruction, and climate change; use of analytical equipment in geochemistry. **Prerequisites & Notes** PREQ: GEOL 150, CHEM 139 Credits: (3)

GEOL 471 - Tectonics

History and development of tectonic concepts; geometry and kinematics of plate mosaic; evolution of modern and ancient orogenic belts. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: 355, 371; or permission of instructor. Field trips. Credits: (3)

GEOL 494 - Topics in Geology

Special course explores a current topic in geology or environmental geology. **Prerequisites & Notes** PREQ: Junior standing or permission of instructor. Credits: (1-4, R8)

GEOL 495 - Senior Seminar in Geology

Investigations of problems in geology and environmental geology. Written and oral presentations of student research. **Prerequisites & Notes** PREQ: Senior standing or permission of instructor. Credits: (3)

GEOL 499 - Senior Thesis

An original research project culminating in a written thesis and public presentation of results. Projects may last 1 or 2 semesters. Senior standing. 4 Lab. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (2-4, R6)

Natural Resources Management

NRM 140 - Natural Resource Conservation and Management

Students will develop a basic understanding of natural resources, and will investigate relationships between those resources and society while exploring issues related to their management. (C5) Credits: (3)

NRM 150 - Career Opportunities in Natural Resources Management

Exploration of varied career opportunities; career and program planning advisement; professional values and requirements; exposure to professionals in field. 2 lab/discussion/ demonstration. Credits: (1)

NRM 210 - Methods in Natural Resources Management

Introduction to the data collection, analysis and presentation techniques used in Natural Resources Management. 3 Lecture, 3 Lab. Credits: (4)

NRM 320 - Soil Conservation

Preservation, improvement, and utilization of soil resources for environmental management and productivity. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: 210 or 340, or permission of instructor. Credits: (3)

NRM 330 - Introduction to Wildlife Ecology and Management

Presents foundations of wildlife ecology and management. Topics include history and legislation, population dynamics, habitat, conservation, and sampling techniques. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: 210 or 340, or permission of instructor. Credits: (3)

NRM 340 - Natural Resource Measurements

Basic land, climatic, hydrologic, and vegetative measurements used in resource management. 3 Lecture, 2 Lab. Credits: (4)

NRM 344 - Introduction to Geographic Information Systems

Introduction to and applications of geographic information systems in natural resources management. 2 Lecture, 4 Lab. Credits: (4)

NRM 351 - Forest Ecology

The study of forests as integrated ecological systems; energy transfer; nutrient cycling; communities; succession; disturbance; and their roles in productivity and management. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: 210 or 340, or permission of instructor. Credits: (3)

NRM 352 - Forest Resource Measurements

Principles of applications in measuring forest resources. Measurements of trees and stands for volume, quality, growth, land areas, and other forest resources. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: 210 or 340, or permission of instructor. Credits: (3)

NRM 371 - Landscape Ecology

The causes, development, quantification, and ecological consequences of spatial patterning on the landscape. Importance of scale; organism response to landscape patterns; natural- and human-caused disturbance. 3 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: BIOL 140 and 141, NRM 210 or 344, or permission of instructor. Credits: (3)

NRM 389 - Cooperative Education in NRM

See Cooperative Education Program. Credits: (1 or 3, R15)

NRM 420 - Soil Genesis and Classification

Students will study the formation and classification of soils and relate their importance to resource management. 2 Lecture, 2 Lab. Credits: (3)

NRM 440 - Integrated Resources Management

Natural resources management exercises; project and strategic planning; map and quantitative integration techniques; group dynamics. 2 Lecture, 4 Lab. **Prerequisites & Notes** PREQ: 210 or 340, 442, or permission of instructor. Credits: (4)

NRM 442 - Natural Resources Policy and Administration

Policy and administrative principles; case studies on the evolution of policy in the United States; current issues. **Prerequisites & Notes** PREQ: Junior standing or permission of instructor. Credits: (3)

NRM 444 - Applied Geographic Information Systems

Enhances knowledge in the areas of data capture, database management, spatial analysis, and cartographic display. Project-based course capitalizing on the benefits of experiential learning. 3 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: 344 or permission of instructor. Credits: (4)

NRM 451 - Foundations of Silviculture

Principles of silviculture and their applications to the major forest types of the United States. Site and management requirements of important tree species. 3 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: 210 or 340, or permission of instructor. Credits: (4)

NRM 452 - Forest Management

Principles of forest management at stand and forest levels; forest growth, regulation, harvesting, and multiple-use management. 3 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: 210 or 340, or permission of instructor. Credits: (4)

NRM 460 - Watershed Management

Principles of watershed management for analysis and control of water yield, timing, and quality in single- and multiple-use situations. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: 210 or 340, or permission of instructor. Credits: (3)

NRM 472 - Geospatial Analysis

Integrative, interdisciplinary investigation into ecosystem habitats. Biophysical interactions and extrapolation of community to landscape level analysis. 3 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: BIOL 140, 141, NRM 210, 344 or permission of instructor. Credits: (4)

NRM 480 - Independent Study

Independent Study **Prerequisites & Notes** PREQ: NRM major and permission of instructor. Credits: (1-3, R6)

NRM 483 - Applications in Forest Management

Students will participate in actual forest management activities in order to gain practical, hands-on experience in the design and implementation of forest management treatments. S/U grading. Credits: (1-3, R6)

NRM 493 - Topics in NRM

Topics in NRM **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1-4, R12)

History

Office Info: 225A McKee Building/Main Campus (828) 227-7234 hist@email.wcu.edu

Department Website

Alex Macaulay, Department Head Faculty/Staff Directory (search by department)

History

HIST 107 - World Cultures in Historical Perspective

Comparison of Western culture and non-Western cultures; historical developments and their impact on the modern world. (P3) Credits: (3)

HIST 141 - Turning Points in American History: Paths Taken and Rejected

Exploration of one or several major turning points in American history. (P3) Credits: (3)

HIST 142 - Lunatics, Dreamers and Ordinary People: Biography in American History

A study of one or several individuals influencing or influenced by American history. (P3) Credits: (3)

HIST 151 - Turning Points in European History: Paths Taken and Rejected

Exploration of one or several major turning points in the history of Western Civilization. (P3) Credits: (3)

HIST 152 - Lunatics, Dreamers and Ordinary People: Biography in European History

A study of one or several individuals influencing or influenced by the history of Europe. (P3) Credits: (3)

HIST 171 - Religion in America

An examination of religious texts and history in American culture. (P4) Credits: (3)

HIST 175 - Native American Civilizations

Introduction to Native American history. (P4) Credits: (3)

HIST 181 - Religion in Europe

An examination of religious texts and history in European culture. (P4) Credits: (3)

HIST 182 - The Ancient Empires

An examination of the creation myths and history of the ancient empires of the Old and New Worlds. (P4) Credits: (3)

HIST 185 - History of Death in Western Civilization

Tales from the Crypt, a look at the changing perceptions about death. (P4) Credits: (3)

HIST 190 - Freshman Seminar

Exploration of various topics in American, European, and Third World history using the seminar method. Credits: (3)

HIST 191 - Freshman Seminar

Examination of the classic texts produced by a significant historical period, trend, or person(s) using the seminar method. Credits: (3)

HIST 221 - European History to 1517

Social, cultural, economic, and political developments that shaped European civilization from earliest times through the Reformation. (P3) Credits: (3)

HIST 222 - European History Since 1517

Social, cultural, economic, and political developments that shaped European civilization since the Reformation. (P3) Credits: (3)

HIST 231 - American History to 1865

Survey of the American past from its Old and New World origins to the end of the Civil War. (P3) Credits: (3)

HIST 232 - American History Since 1865

Survey of recent American history from the Reconstruction Period to the present. (P3) Credits: (3)

HIST 297 - Sophomore Seminar

Historical methods, historiography, and directed research. Credits: (3)

HIST 308 - Explorations in Regional History

Examinations of select regions and the groups which influenced their historical evolution. Closed to freshmen 0-29 hours. (P3) Credits: (3, R12)

HIST 310 - Teaching World History

Methods, content and assessment for the North Carolina secondary core requirements in World History. **Prerequisites & Notes** PREQ: HIST 305; Admission to Teacher Education. COREQ: HIST 405. Credits: (1)

HIST 311 - Ancient Greece and Rome

Cultural, intellectual, and political developments in Greece and Rome, including the origins of Christianity. Closed to freshmen 0-29 hours. (P3) Credits: (3)

HIST 312 - The Heroic Age

Early medieval Europe from 500 to 1000. Closed to freshmen 0-29 hours. (P3) Credits: (3)

HIST 313 - The High Middle Ages

The late medieval period from 1000 to 1500. Closed to freshmen 0-29 hours. (P3) Credits: (3)

HIST 317 - History of Twentieth-Century International Relations

Paris Peace Conference and aftermath; failure of League of Nations; World War II and the Cold War; emergence of the Third World; the Common Market. Closed to freshmen 0-29 hours. (P3) Credits: (3)

HIST 322 - British History to 1603

Ancient and Roman Britain; Anglo-Saxon society; the Middle Ages; Reformation and Tudor government and society; emphasis on England but includes Celtic history. Closed to freshmen 0-29 hours. (P3) Credits: (3)

HIST 323 - British History Since 1603

Constitutional struggles of the seventeenth century; the age of aristocracy; industrial transformation and nineteenth-century growth and reform; rise of the welfare state. Closed to freshmen 0-29 hours. (P3) Credits: (3)

HIST 327 - Modern Russia

The pre-revolutionary background and the Soviet period. Closed to freshmen 0-29 hours. (P3) Credits: (3)

HIST 330 - Modern Germany

Germany from 1815 to the present, with emphasis on development in the nineteenth and twentieth centuries in terms of political evolution and international situation. Closed to freshmen 0-29 hours. (P3) Credits: (3)

HIST 335 - History of Capitalism

Rise and spread of capitalism from the ancient world to the present. Closed to freshmen 0-29 hours. (P3) Credits: (3)

HIST 341 - North Carolina History

The social, political, economic, and ethnic history of North Carolina from the colonial era to the present. Closed to freshmen 0-29 hours. (P3) Credits: (3)

HIST 361 - Latin American History I

Indian civilizations; Spanish and Portuguese exploration; the conquistadores; colonial life; consolidation and maturity of empire; influence of the Enlightenment. Closed to freshmen 0-29 hours. (P3) Credits: (3)

HIST 362 - Latin American History II

Revolutions; independence; struggle for political stability; popular government on trial; contests of hegemony; rise of indigenous nationalism. Closed to freshmen 0-29 hours. (P3) Credits: (3)

HIST 365 - History of the Caribbean

Explores the social, political, economic and cultural history of the Caribbean region. Credits: (3)

HIST 366 - History of the Atlantic World

Explores the rich history of the Atlantic World, examining the historical development and interaction of the New World, Africa and Europe since the sixteenth century. Credits: (3)

HIST 373 - Modern Asia

Exploration of the forces shaping the history of the major nations of Asia. Closed to freshmen 0-29 hours. (P3) Credits: (3)

HIST 375 - Middle East since Mohammed

Introduction to Middle East history from the spread of Islam to the present. Closed to freshmen 0-29 hours. (P3) Credits: (3)

HIST 389 - Cooperative Education in History

See Cooperative Education Program. Closed to freshmen 0-29 hours. Credits: (1 or 3, R15)

HIST 395 - Building a Democratic Classroom

An introduction into teaching methods in social sciences. Philosophy, methods, pedagogy and materials for democratic education. **Prerequisites & Notes** PREQ: HIST 297; Admission to Teacher Education. COREQ: PSC 406. Credits: (3)

HIST 405 - Methods for Teaching Social Sciences

Methods, materials, curriculum, and trends in teaching secondary social sciences. Field experience required. Closed to freshmen 0-29 hours. **Prerequisites & Notes** PREQ: EDSE 322, admission to teacher education; 2.75 GPA in major. Credits: (3)

HIST 411 - Western Imperialism, 1500 to the Present

Western imperialism in Americas, Africa and Asia; World War I and its aftermath; the roots of Third-World independence movements. Closed to freshmen 0-29 hours. Credits: (3)

HIST 412 - Early Modern Europe

The Reformation; development of the modern state; Scientific Revolution; rise of capitalism; social change. Closed to freshmen 0-29 hours. Credits: (3)

HIST 413 - Europe in the Eighteenth Century

The Old Regime; wars of expansion; the Enlightenment; the French Revolution and Napoleon. Closed to freshmen 0-29 hours. Credits: (3)

HIST 414 - Europe in the Nineteenth Century

Post-Napoleonic settlement; internal, colonial, and imperial developments; unification movements; background for World War I. Closed to freshmen 0-29 hours. Credits: (3)

HIST 416 - Europe in the Twentieth Century

World War I; the Paris Peace Conference; domestic developments; the rise of "isms" in Russia, Italy, and Germany; World War II; postwar reconstruction and reorganization; the Cold War. Closed to freshmen 0-29 hours. Credits: (3)

HIST 421 - Romans, Christians, Barbarians

Explores the three most prominent cultures of the Mediterranean at the end of the Roman Empire. Closed to freshmen 0-29 hours. Credits: (3)

HIST 425 - Modern European Military History

Focuses on the era of the two World Wars (1914-1945), emphasizing political, technological, and operational issues. Closed to freshmen 0-29 hours. Credits: (3)

HIST 431 - Colonial America, 1492-1763

Political, social, economic, and cultural characteristics. Closed to freshmen 0-29 hours. Credits: (3)

HIST 432 - The Revolutionary Era, 1763-1800

Causes and effects of the revolution; the War for Independence; the Constitution; the Federalist Era. Closed to freshmen 0-29 hours. Credits: (3)

HIST 433 - The Young Republic, 1800-1848

Jeffersonian democracy; War of 1812; Era of Good Feelings; Jacksonian democracy; western expansion; the Mexican War. Closed to freshmen 0-29 hours. Credits: (3)

HIST 434 - Civil War and Reconstruction, 1848-1877

Sectional differences; the secession movement; military operations; Reconstruction. Closed to freshmen 0-29 hours. Credits: (3)

HIST 435 - Emergence of Industrial America, 1877-1929

Growth and conflict of organized industry and labor; agrarian decline and revolt; American Imperialism; progressive reform; World War I; postwar crises and prosperity. Closed to freshmen 0-29 hours. Credits: (3)

HIST 436 - The United States Since 1929

Great Depression; New Deal; World War II; role as Cold War superpower; domestic developments. Closed to freshmen 0-29 hours. Credits: (3)

HIST 442 - African American History

Role of African Americans in American history; African background; religious, cultural, economic, and political institutions; civil rights, struggles, tension between assimilation and black nationalism. Closed to freshmen 0-29 hours. Credits: (3)

HIST 443 - The American South

Social structure and economic interests of the Antebellum South; impact of Civil War and Reconstruction; the New South; the twentieth-century South; emphasis on regional differences and social transition. Closed to freshmen 0-29 hours. Credits: (3)

HIST 445 - Cherokee History

Pre-contact Cherokee society; acculturation; removal; post-removal development of the Cherokee Nation West and the Eastern Band of the Cherokees. Closed to freshmen 0-29 hours. Credits: (3)

HIST 446 - Southern Appalachian History

History and folkways in the period of geographic isolation; changes in regional culture in an age of improved transportation and communications. Closed to freshmen 0-29 hours. Credits: (3)

HIST 448 - The American West

Explores the history and literature of the trans-Mississippi West from the time of discovery through the present, emphasizing the period since 1800. Closed to freshmen 0-29 hours. Credits: (3)

HIST 450 - War and Memory

Explores perceptions and social history of American Wars in the Twentieth Century. Closed to freshmen 0-29 hours. Credits: (3)

HIST 451 - American Women's History

Role of women in American history; conflicting and changing ideologies of femininity and sexuality; women in the family, workplace, and politics. Closed to freshmen 0-29 hours. Credits: (3)

HIST 452 - American Diplomatic History

US foreign relations from the colonial period to modern times. Credits: (3)

HIST 454 - American Military History

Military affairs in the United States from the Revolution to the present; emphasis on war as a social institution. Closed to freshmen 0-29 hours. Credits: (3)

HIST 455 - American Religious History

Role of organized religion upon American history and culture, primarily since 1865. Closed to freshmen 0-29 hours. Credits: (3)

HIST 457 - Sports in American History

Interaction between sports and American social, economic, and political history. Closed to freshmen 0-29 hours. Credits: 3

HIST 459 - Sizzlin' Sixties

Explores key events and trends that characterized US history during the 1960's. Closed to freshmen 0-29 hours. Credits: (3)

HIST 463 - History of the Mexican Nation

Mexico since 1810; nineteenth-century conflicts; revolution, 1910-1917; progress to the present. Closed to freshmen 0-29 hours. Credits: (3)

HIST 471 - Introduction to Public History

Explores such topics as museum displays, reenactments, historical pageants, historic preservation, living history, interpretations, and public policy. Closed to freshmen 0-29 hours. Credits: (3)

HIST 472 - Local History and Genealogy

Role of the family and community in shaping state, regional, and national developments; emphasis on research techniques and local resources. Lecture and fieldwork. Closed to freshmen 0-29 hours. Credits: (3)

HIST 473 - Introduction to Museum and Historic Site Interpretation

Theory and practice of interpreting history to the public in museums and historic sites. Exhibit development, research methods, public programming, and audience evaluation. Lecture and fieldwork. Closed to freshmen 0-29 hours. Credits: (3)

HIST 474 - Introduction to Oral History

Explores the uses of oral history, its relationship to other research techniques, the components of interviewing, and the field's numerous ethical, legal, and archival issues. Closed to freshmen 0-29 hours. Credits: (3)

HIST 483 - Internship Project in History

Work experience on historical problems; written assignments required. S/U grading. 9 hours per week per course. Closed to freshmen 0-29 hours. Credits: (3)

HIST 484 - Internship Project in History

Work experience on historical problems; written assignments required. S/U grading. 9 hours per week per course. Closed to freshmen 0-29 hours. Credits: (3)

HIST 485 - Internship Project in History

Work experience on historical problems; written assignments required. S/U grading. 9 hours per week per course. Closed to freshmen 0-29 hours. Credits: (3)

HIST 491 - Supervised Student Teaching in Social Sciences, 9-12

A full-time supervised teaching experience in Social Sciences. Closed to freshmen 0-29 hours. **Prerequisites & Notes** COREQ: EDSE 490, 495. Credits: (3)

HIST 493 - Topics in History

Closed to freshmen 0-29 hours. Credits: (1-3, R12)

HIST 499 - Senior Thesis

Directed research for history majors. **Prerequisites & Notes** 297; 3.2 GPA in History courses; permission of department head. Credits: (3)

HIST 552 - American Diplomatic History

American Diplomatic History Credits: (3)

HIST 557 - Sports in American History

Sports in American History Credits: (3)

HIST 613 - United States History to 1800

Seminar addressing historiographical themes in American history to 1800, pre-contact to the Revolution, including settlement, Native Americans, slavery, politics, economics, religion and war. Credits: 3

HIST 614 - Nineteenth Century United States

Seminar addressing historiographical themes in nineteenth century American history, including Jacksonian America, slavery, the Civil War, Reconstruction, Industrialization and Populism. Credits: 3

HIST 615 - Twentieth Century United States

Seminar addressing historiographical themes including foreign policy, wars, race relations, the Cold War, political development and consumerism. Credits: 3

HIST 620 - Native American History

Seminar addressing historiographical themes from pre-contact to present, including culture, religion, wars, treaties, economics and tribal sovereignty. Credits: 3

HIST 621 - Environmental History

Seminar addressing historiographical themes related to humans relationship with nature and the ways in which climate and nature shape human history. Credits: 3

Mathematics and Computer Science

Office Info: 426 Stillwell Building/Main Campus (828) 227-7245 math@email.wcu.edu

Department Website

Tuval Fogeul, Department Head Faculty/Staff Directory (search by department)

Computer Science

CS 130 - Introduction to Computing

An introduction to programming using a scripting language including variables, input/output, and conditional statements. Other topics covered at the discretion of the instructor. Credits: (3)

CS 140 - Problem Solving and Programming for Engineers

Problem solving, algorithm development, and program design with a focus on engineering applications. Topics include variables, control structures, input/output, arrays. Credits: (3)

CS 150 - Problem Solving and Programming I

Problem solving and algorithm development using an object-based programming language: classes, selection, iteration, arrays, and generic classes. 3 Lecture, 2 Lab. **Prerequisites & Notes** PREQ or COREQ: None

Credits: (4)

CS 151 - Problem Solving and Programming II

Object-oriented program development and elementary data structures: pointers and dynamic allocation, generic classes and inheritance, recursion, linked lists, stacks, and queues. 3 Lecture, 2 Lab. **Prerequisites & Notes** Passing of CS 150 with at least a grade of C.

and

PREQ or COREQ: MATH 146 or MATH 153 or MATH 255. Credits: (4)

CS 190 - Privacy, Speech and the Internet

Ethical issues that arise from the effect of the Internet on privacy and freedom of speech. Credits: (3)

CS 210 - Internet Security and Ethics

Types of Internet-based attacks, counter-measures, and the ethical issues that arise. Hacking, viruses, worms, spam, identity theft, cryptography, intellectual property, software piracy. (P4) Credits: (3)

CS 220 - Social and Ethical Issues of Computing

Social and ethical issues of computing: privacy, computer reliability, freedom of speech, intellectual property, and computer crime. **Prerequisites & Notes** 151. Credits: (1)

CS 250 - Introduction to Computer Systems

The computer architecture and system call interfaces; assembly language programming; implementation of system calls; linking, exceptions, interrupt handling, and input/output. **Prerequisites & Notes** PREQ: 151 or both 150 and EET 331. Credits: (3)

CS 263 - Software Engineering

Large scale software development methodologies; software development process and life-cycle models; object-oriented analysis and design; verification and validation; planning and estimating software development efforts. **Prerequisites & Notes** PREQ: 151. Credits: (3)

CS 301 - High-Level Languages

ADA, C, PROLOG, LISP, or other high level language(s) approved by the department head. Credits: (3)

CS 321 - Contest Preparation

Review of algorithm design techniques and practice solving programming problems using those techniques. **Prerequisites & Notes** PREQ: CS 151 Credits: (1, R2)

CS 330 - Applications of Logic and Discrete Structures

Applications of mathematics including logic, proof techniques, graph theory, probability, and automata theory to computer system design and software development. **Prerequisites & Notes** PREQ: CS 151 and MATH 153. Credits: (3)

CS 337 - Digital Forensics

How to locate, extract, interpret, and preserve digital evidence on computers and networks including filing systems, memory, malware, and intrusion detection. **Prerequisites & Notes** PREQ: CS 150 or permission of the instructor. Credits: (4)

CS 350 - Computer Organization

Introduction to computer arithmetic, processor organization and design, microprogramming and control unit design, memory organization, I/O organization. **Prerequisites & Notes** PREQ: 151. Credits: (3)

CS 351 - Data Structures and Algorithms

Object-oriented program development and advanced data structures: recursion, analysis of execution time, sorting and searching, trees, hash tables, and elementary graph algorithms. **Prerequisites & Notes** PREQ: 151 and MATH 153. Credits: (3)

CS 352 - Organization of Programming Languages

Language processors, data and data control, operations, sequence control, storage management, operating environment, syntax, and translation. **Prerequisites & Notes** PREQ: 151. Credits: (3)

CS 360 - Theory of Computation

An introduction to finite automata and regular expressions, context-free languages, Turing machines, Church's thesis and recursive functions, uncomputability, and computational complexity. **Prerequisites & Notes** PREQ: MATH 250. Credits: (3)

CS 361 - Computer Graphics

Basics of graphics using ray-tracing; data structures; 2-D and 3-D graphics; basic linear algebra; spheres, planes, reflectivity, light sourcing; anti-aliasing. **Prerequisites & Notes** PREQ: 151. Credits: (3)

CS 363 - Software Development

Techniques for design and construction of reliable, maintainable, and useful software systems. Software development methodologies and object-oriented design for medium and large projects. **Prerequisites & Notes** PREQ: CS 151 Credits: (3)

CS 370 - Operating Systems

Concurrency (synchronization primitives and deadlock) and implementation of the operating system kernel (Process management, memory management, and file systems); introduction to computer networks. **Prerequisites & Notes** PREQ: 151. Credits: (3)

CS 389 - Cooperative Education in Computing

See Cooperative Education Program. Credits: (1 or 3, R15)

CS 393 - Topics in Computer Science

Topics in Computer Science **Prerequisites & Notes** PREQ: CS 151. Credits: (1-3, R6)

CS 430 - Information Security I

Cryptography, authentication, integrity, and non-repudiation; trusted intermediaries, key distribution, and certification; access control and firewalls; attacks and counter-measures. **Prerequisites & Notes** PREQ: 151. COREQ: 465. Credits: (3)

CS 431 - Information Security II

Software reverse engineering, program security, operating systems and database systems security, security administration and audits (prevention, detection, and response), standards for information assurance. **Prerequisites & Notes** PREQ: 430. COREQ: 370. Credits: (3)

CS 451 - Algorithms

Selected topics from the theory of algorithms. Topics may include algorithms for parallel computers, polynomials and FFT, number-theoretic algorithms, and computational geometry. **Prerequisites & Notes** PREQ: 351. Credits: (3)

CS 452 - Advanced Computer Architecture

Advanced topics in computer architecture including pipelining, multiple and parallel processing systems, issues in performance enhancement, data flow computers, and VLSI computations. **Prerequisites & Notes** PREQ: 350. Credits: (3)

CS 453 - Database Systems

Relational query languages (SQL), database design, normal forms, storage structures, access methods, query processing, crash recovery, transactions, distributed databases, object-oriented and multimedia databases. **Prerequisites & Notes** PREQ: 151. Credits: (3)

CS 460 - Compiler Construction I

Grammar and finite-state automata; parse trees; top-down and bottom-up parsing; LL(k) and LR(k) grammar; syntax-directed translation; term project. **Prerequisites & Notes** PREQ: CS 351. Credits: (3)

CS 462 - Systems Programming

Linux tools; shell scripting; program development tools; process controls; Introduction to an advanced scripting language (i.e., php, perl, or python). **Prerequisites & Notes** PREQ: 151. Credits: (3)

CS 465 - Computer Networking

Protocol layers, error control, media access, routing, congestion control, TCP/IP, name resolution, socket programming, client-server, interface definition languages, component APIs. **Prerequisites & Notes** PREQ: 151. Credits: (3)

CS 467 - Mobile Application Development

Topics include tools and techniques for mobile application development; resource-constrained software development; accessing device resources (sensors, maps); mobile networking. **Prerequisites & Notes** PREQ: CS 151. Credits: (3)

CS 480 - Artificial Intelligence

Machine intelligence; problem reduction, state space search, game trees, expert systems; resolution principle; introduction to LISP. **Prerequisites & Notes** PREQ: 351. Credits: (3)

CS 493 - Topics in Computer Science

Topics in Computer Science **Prerequisites & Notes** PREQ: CS 151. Credits: (1-6, R6)

CS 495 - Capstone I

A seminar in which the student starts the capstone project and the capstone portfolio. **Prerequisites & Notes** Seventy earned credit hours. Credits: (2)

CS 496 - Capstone II

A seminar in which the student completes the capstone project and the capstone portfolio. **Prerequisites & Notes** PREQ: 495. Credits: (2)

CS 565 - Internet Protocols

Internet Protocols Credits: (3)

Mathematics

MATH 101 - Mathematical Concepts

Introduction to applications of mathematics to daily experience. Topics to include statistical analysis and interpretation, applications to business, measurement methods, and selected topics of interest. (C2) Credits: (3)

MATH 130 - College Algebra

Real number properties, solving equations, inequalities, systems of equations, functions, and graphs. Credits: (3)

MATH 135 - Statistics, Functions, and Rates of Change

Descriptive statistics, probability distributions, functions, and an introduction to derivatives. Credits: (3)

MATH 140 - Introductory Calculus

The differential and integral calculus of algebraic functions of one variable. **Prerequisites & Notes** PREQ: MATH 130 or 146 or consent of the director of mathematics placement. Credits: (5)

MATH 144 - Applied Trigonometry

Topics including right triangles, trigonometric functions, graphing; basic identities, triangle solutions, and complex numbers; emphasis on applications. Credit not available for both MATH 144 and MATH 145. **Prerequisites & Notes** PREQ: 130. Credits: (3)

MATH 145 - Trigonometry

Basic trigonometry: functions, identities, graphs, solution of equations and triangles, complex numbers; analytical trigonometry. Credit not available for both MATH 144 and MATH 145. **Prerequisites & Notes** PREQ: 130 or consent of the director of mathematics placement. Credits: (3)

MATH 146 - Precalculus

Functions using equations, graphs, and numerical data; linear, exponential, logarithmic, trigonometric, polynomial, and rational functions; transformations, compositions, inverses, and combinations of functions; trigonometry with identities. **Prerequisites & Notes** PREQ: (MATH 130), *OR* (SAT MATH score of 540 or higher), **OR** (AP CALCULUS score of 2 or higher), *OR* (ACT MATH of 23 or higher). Credits: (4)

MATH 152 - Engineering Calculus I

Limits, continuity, derivatives of algebraic and trigonometric functions with applications. **Prerequisites & Notes** PREQ: 146, or consent of the director of mathematics placement. Credits: (3)

MATH 153 - Calculus I

Limits, continuity, derivative, and integrals of algebraic and trigonometric functions with applications. **Prerequisites & Notes** PREQ: (MATH 146), *OR* (SAT MATH score of 580 or higher), *OR* (AP CALCULUS score of 2 or higher), *OR* (ACT MATH of 25 or higher). Credits: (4)

MATH 170 - Applied Statistics

Descriptive statistics, exploratory data analysis, probability distributions, correlation, regression, estimation, and hypothesis testing. Credits: (3)

MATH 190 - Mathematical Models of Population Growth

Exponential, logistic, age-structured populations, metapopulation dynamics, viable population size, and probability of regional extinction. Credits: (3)

MATH 191 - Mathematics in Social Choice and Decision-Making

This course covers topics from voting methods, weighted voting, fair division, apportionment and game theory. Credits: (3)

MATH 192 - Fractals: The Geometry of Nature

Investigate basic mathematical principles behind fractals with connections to literature, art, science, and the general world. Credits: (3)

MATH 250 - Introduction to Logic and Proof

An introduction to the principles of logic and the methods of proof necessary for the successful study of mathematics. **Prerequisites & Notes** PREQ: 140 or 153 or consent of Department Head. Credits: (3)

MATH 252 - Engineering Calculus II

Integrals of algebraic and trigonometric functions with applications series. **Prerequisites & Notes** PREQ: 152, or consent of the director of mathematics placement. Credits: (3)

MATH 253 - Engineering Calculus III

Multivariate calculus, partial derivatives, multiple integrals, Green's Theorem. **Prerequisites & Notes** PREQ: 252, or consent of the director of mathematics director. Credits: (3)

MATH 255 - Calculus II

Derivatives and integrals of transcendental functions, techniques of integration, indeterminate forms, improper integrals, infinite series. **Prerequisites & Notes** PREQ: 153. Credits: (4)

MATH 256 - Calculus III

Plane curves, polar coordinates, vectors and solid analytical geometry, vector-valued functions, partial differentiation, multiple integrals. **Prerequisites & Notes** PREQ: 255. Credits: (4)

MATH 270 - Statistical Methods I

Descriptive statistics, correlation, least square regression, basic probability models, probability distributions, central limit theorem, confidence intervals, hypothesis testing. **Prerequisites & Notes** PREQ: 140 or above. Credits: (3)

MATH 300 - Problem Solving

Methods and techniques for problem solving in mathematics. 3 lecture hours. Credits: (3)

MATH 301 - History of the Scientific Revolution

A study of the role of science in Western culture from classical antiquity to the seventeenth century. (P3) Credits: (3)

MATH 310 - Discrete Structures

Graph theory: planarity, eulerian, hamiltonian, colorings, and trees. Enumeration: permutations, combinations, binomial distribution, generating functions, recurrence relations, and inclusion-exclusion. **Prerequisites & Notes** PREQ: MATH 250 or permission of instructor. Credits: (3)

MATH 311 - Informal Geometry

Points, lines, planes, constructions; axiomatic structure of geometry and the nature of proof. **Prerequisites & Notes** PREQ: MATH 321 and 322. Credits: (3)

MATH 320 - Ordinary Differential Equations

Differential equations of first order, first degree with applications; linear equations of higher order and numerical methods; special equations of second order. **Prerequisites & Notes** PREQ: 255. Credits: (3)

MATH 321 - Theory of Arithmetic I

Logic, sets, relations, mathematical systems, counting, numeration systems, and algorithms for whole numbers. Credits: (3)

MATH 322 - Theory of Arithmetic II

Measurement (metric system), number theory: integers, rationals, irrationals, and reals. **Prerequisites & Notes** PREQ: 321. Credits: (3)

MATH 340 - Introduction to Scientific Computing

Survey mathematical software and programming languages; applications in modeling and simulation; development of algorithms that requires advanced mathematical background. **Prerequisites & Notes** PREQ: MATH 255. Credits: (3)

MATH 361 - Introduction to Abstract Algebra

Groups, rings, and fields. **Prerequisites & Notes** PREQ: 250. Credits: (3)

MATH 362 - Introduction to Linear Algebra

Systems of equations, matrices, vector spaces, and linear transformations. **Prerequisites & Notes** PREQ: 250 and 153. Credits: (3)

MATH 370 - Probability and Statistics I

Classical probability models, distributions of discrete and continuous random variables, joint probability distributions, mathematical expectation. **Prerequisites & Notes** PREQ: 255 Credits: (3)

MATH 373 - Theory of Interest for Actuarial Exam FM

Topics in financial mathematics on the second exam of the Actuarial Societies: interest rates, annuities, accumulation functions, amortization schedules, present values, future values, and bonds. **Prerequisites & Notes** PREQ: 255. Credits: (3)

MATH 375 - Statistical Methods II

Analysis of variance, regression, and correlation; analysis of categorical data; distribution free procedures. **Prerequisites & Notes** PREQ: 270. Credits: (3)

MATH 386 - Practicum

Practical experience under faculty supervision for prospective teachers as teaching aides and as tutors. 5 Lab. **Prerequisites & Notes** PREQ: MATH 255; permission of department head. Credits: (2)

MATH 389 - Cooperative Education in Mathematics

See Cooperative Education Program. Credits: (1 or 3, R15)

MATH 393 - Topics in Mathematics

Topics in Mathematics **Prerequisites & Notes** PREQ: Permission of department head. Credits: (1-6, R6)

MATH 394 - Contest Preparation Seminar

Solving contest problems from selected topics such as: Number Theory, Combinatorics, Geometry, Inequalities, Calculus, Polynomials, Functional Equations, etc.

Prerequisites & Notes PREQ: MATH 153 Credits: 1

MATH 400 - History of Mathematics

The development of mathematics from a historical perspective. Topics include elementary number theory, probability, algebra, geometry, trigonometry, and calculus. **Prerequisites & Notes** PREQ: 153 or 140 or permission of department head. Credits: (3)

MATH 411 - Foundations in Geometry

Axiomatic approach to the study and development of Euclidean and non-Euclidean geometry. **Prerequisites & Notes** PREQ: Junior standing or permission of department head. Credits: (3)

MATH 412 - Modern Geometries

Finite geometries, transformations, motions of the Euclidean plane and three-space, similarity transformations, convexity, and other topics. **Prerequisites & Notes** PREQ: Junior standing or permission of department head. Credits: (3)

MATH 414 - Introduction to Secondary Mathematics Teaching Methods

An examination of secondary mathematics curriculum and methods, strategies and techniques of using technology to support mathematics teaching and learning. **Prerequisites & Notes** PREQ: Admission to Professional Education Sequence AND Junior standing or permission of the instructor. Credits: (3)

MATH 415 - Methods and Materials for Teaching Mathematics in the Secondary School

A survey of contemporary trends and issues in teaching mathematics at the secondary level. Methods, materials, curriculum, and other current practices are included. **Prerequisites & Notes** PREQ: Admission to the professional education sequence; MATH 414. Credits: (3)

MATH 422 - Real Analysis

Sequences of real numbers, continuous functions, and differentiation. **Prerequisites & Notes** PREQ: 250 and 255. Credits: (3)

MATH 423 - Advanced Calculus II

Differentiation including L'Hospital's rule and Taylor's theorem; integration theory; other classical topics. **Prerequisites & Notes** PREQ: 422. Credits: (3)

MATH 424 - Complex Variable Theory

The complex number system, limits, continuity, derivatives, transcendental and multiple valued functions, integration. **Prerequisites & Notes** PREQ: 256. Credits: (3)

MATH 430 - Mathematical Modeling

Topics including design of models, analysis of stability and sensitivity, optimization, programming, forecasting, differential equation models, diffusion, or wave propagation. **Prerequisites & Notes** PREQ: MATH 320, MATH 362, CS 340. Credits: (3)

MATH 441 - Introduction to Numerical Analysis

Numerical techniques in root-finding, interpolation, differentiation and integration, ordinary differential equations, linear systems, and error analysis. **Prerequisites & Notes** PREQ: 255; CS 150 or 340. Credits: (3)

MATH 450 - Linear Optimization

Formulation and solution of linear programming models; development of simplex method; duality theory; sensitivity analysis; software; and applications. **Prerequisites & Notes** PREQ: 255, 362. Credits: (3)

MATH 461 - Abstract Algebra

Topics from abstract algebra including quotient groups and rings, rings of polynomials and field extensions, quaternions, homomorphism theorems. **Prerequisites & Notes** PREQ: 361. Credits: (3)

MATH 462 - Linear Algebra

Topics from linear algebra including algebra of linear transformations, dual space, algebra of polynomials, determinants, eigenvalues, diagonalization, and selected applications. **Prerequisites & Notes** PREQ: 362. Credits: (3)

MATH 470 - Probability and Statistics II

Point and interval estimation, hypothesis testing, decision theory, likelihood ratio and sequential testing, correlation and regression. **Prerequisites & Notes** PREQ: 370. Credits: (3)

MATH 471 - Problem Solving for Actuarial Exam P

Advanced problem solving by means of extensive review and practice. Preparing students for Exam P of the Society of Actuaries and the Casualty Actuarial Society. **Prerequisites & Notes** PREQ: 370. Credits: (3)

MATH 479 - Capstone: Seminar

A course requiring written papers and oral presentations by students on historical and contemporary ideas from the current mathematical literature. **Prerequisites & Notes** PREQ: MATH 250 and senior standing or permission of instructor. Credits: (2)

MATH 491 - Supervised Student Teaching in Mathematics, 9-12

A full-time supervised teaching experience in the discipline. **Prerequisites & Notes** COREQ: EDSE 490, 495. Credits: (3)

MATH 522 - Real Analysis

Real Analysis Credits: (3)

MATH 530 - Mathematical Modeling

Mathematical Modeling Credits: (3)

MATH 550 - Linear Optimization

Linear Optimization Credits: (3)

MATH 571 - Problem Solving for Actuarial Exam P

Problem Solving for Actuarial Exam P Credits: (3)

MATH 609 - Research in Mathematics Education 9-16

Research in Mathematics Education 9-16 Credits: (3)

MATH 622 - Introduction to Functional Analysis

Introduction to Functional Analysis Credits: (3)

MATH 623 - Advanced Analysis

Advanced Analysis Credits: (3)

MATH 650 - Nonlinear Optimization

Nonlinear Optimization Credits: (3)

MATH 660 - Algebra

Algebra Credits: (3)

MATH 661 - Algebraic Coding Theory

Algebraic Coding Theory Credits: (3)

MATH 662 - Matrix Analysis

Matrix Analysis Credits: (3)

MATH 670 - Nonparametric Statistics

Nonparametric Statistics Credits: (3)

MATH 672 - Design of Experiments

Design of Experiments Credits: (3)

MATH 674 - Applied Linear Regression

Applied Linear Regression Credits: (3)

Modern Foreign Languages

Office Info: 118 Mckee Building/Main Campus (828) 227-7241 mfl@email.wcu.edu

Department Website

Santiago Garcia-Castanon, Department Head Faculty/Staff Directory (search by department)

For information on special majors in this department that are available through the Humanities Program, please check the Humanities copy under “The Honors College” in the catalog or contact The Honors College at (828) 227-7383.

Native Speaker Policy Native speakers are encouraged to enroll in any of the following courses: FREN/GER/SPAN 321, 322, 330, 331, 332, 333, 351, 393, 451, 481, and all 400-level literature courses. Other courses are normally not open to native speakers except where required in degree programs. The department head may make exceptions on an individual basis.

Cherokee

CHER 101 - Experiencing Cherokee and the Cherokee-Speaking World

Students develop basic knowledge of the Cherokee-speaking world. Using linguistic and content-based material, students will learn basic Cherokee. (P6) Credits: (3)

CHER 132 - Elementary Cherokee II

Continued audio-lingual practice of basic imperatives, idioms on the imperative stem, verbs of motion and locationals, and basic complement types. **Prerequisites & Notes** PREQ: 101. Credits: (3)

CHER 231 - Intermediate Cherokee I

Review and continuation of oral and written grammar, selected readings, and lab practice may be assigned. **Prerequisites & Notes** PREQ: 132. Credits: (3)

CHER 232 - Intermediate Cherokee II

Readings and discussions on Cherokee culture; emphasis on pre-removal culture and its traces in language and readings in specialized areas. **Prerequisites & Notes** PREQ: 231. Credits: (3)

CHER 310 - Introduction to Cherokee Literature

Introduction to written Cherokee and Cherokee literary texts; reading and analysis of literary works. Credits: (3)

CHER 351 - Phonetics and General Linguistics

Introduction to linguistics; the Cherokee sound system from a phonetic and allophonic view; grammatical categories, morphology, syntax. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (3)

Chinese

CHIN 101 - Modern Chinese: Language and Culture I

An introduction to the study of Chinese language and culture. (P6) Credits: (3)

CHIN 102 - Modern Chinese: Language and Culture II

An introduction to Chinese Language and Culture. (P6) **Prerequisites & Notes** PREQ: 101. Credits: (3)

CHIN 231 - Intermediate Modern Chinese I

Continued study of Chinese language and culture. (P6) **Prerequisites & Notes** PREQ: 102. Credits: 3

CHIN 232 - Intermediate Modern Chinese II

Continued study of Chinese language and culture. (P6) **Prerequisites & Notes** PREQ: 231. Credits: 3

CHIN 321 - Chinese Civilization

Geographical, political, cultural and historical aspects of China. Instruction will be both in English and Chinese. **Prerequisites & Notes** PREQ: CHIN 232 or instructor's permission. Credits: (3)

French

FREN 101 - Experiencing French and the Francophone World

Students develop basic knowledge of the francophone world, and through that content, acquire basic functional proficiency in French. (P6) Credits: (3)

FREN 102 - Experiencing French and the Francophone World II

Building on their knowledge of the francophone world, students increase their basic functional proficiency in French. (P6) **Prerequisites & Notes** PREQ: Some competency in French or consultation with the instructor. Credits: (3)

FREN 105 - The French-Speaking World

Study of French culture and its relationship to the cultures of countries and regions where French is spoken. Credits: (3)

FREN 231 - Intermediate French I

Continuation of written and oral French grammar; readings and discussions on French culture and civilization; readings in more specialized areas; lab practice may be assigned. **Prerequisites & Notes** PREQ: 102 or equivalent or placement for 231; 231 or equivalent or placement for 232. Credits: (3)

FREN 232 - Intermediate French II

Continuation of written and oral French grammar; readings and discussions on French culture and civilization; readings in more specialized areas; lab practice may be assigned. **Prerequisites & Notes** PREQ: 102 or equivalent or placement for 231; 231 or equivalent or placement for 232. Credits: (3)

FREN 301 - French for Everyday Use I

Emphasis on enhancing oral and written communication skills in realistic everyday situations. **Prerequisites & Notes** PREQ: 232 or 240 or equivalent, or permission of department head. Credits: (3)

FREN 310 - Introduction to French Prose and Poetry

Introduction to French literary texts; reading and analysis of literary works. **Prerequisites & Notes** PREQ: 232 or 240. Credits: (3)

FREN 321 - French Civilization

Geographical, political, cultural, and historical aspects of France from its origins to the present. **Prerequisites & Notes** PREQ: 232 or 240. PREQ or COREQ: 301 or 302 or permission of department head. Credits: (3)

FREN 322 - Francophone Cultures

A study of the cultures and regions in which French is a native or major language. **Prerequisites & Notes** PREQ: 232 or 240. PREQ or COREQ: 301 or 302 or permission of department head. Credits: (3)

FREN 331 - Survey of French Literature I

The main literary movements, authors, and works since the twelfth century; course division at the eighteenth century. **Prerequisites & Notes** PREQ: 232 or 240. PREQ or COREQ: 301 and 302 or permission of department head. Credits: (3)

FREN 332 - Survey of French Literature II

The main literary movements, authors, and works since the twelfth century; course division at the eighteenth century. **Prerequisites & Notes** PREQ: 232 or 240. PREQ or COREQ: 301 and 302 or permission of department head. Credits: (3)

FREN 371 - Twentieth-Century French Novels in Translation

Selected works by Proust, Gide, Mauriac, Camus, Saint-Exupery, and Colette. No knowledge of French required; not open to French majors. Credits: (3)

FREN 393 - Special Topics in French

Special Topics in French **Prerequisites & Notes** PREQ: 232 or 240. Credits: (1-3, R6)

FREN 401 - Contrastive Structures in French and English

Study of similarities and differences of the two languages with an emphasis on the morphology, syntax, vocabulary, phonology, and issues concerning L2 acquisition. **Prerequisites & Notes** PREQ or COREQ: 301, 302, or permission of department head. Credits: (3)

FREN 431 - Studies in French Literature

Intensive study of an author or authors, a genre, movement, school, or literary period. **Prerequisites & Notes** PREQ: 232 or 240. PREQ or COREQ: 301 and 302 or permission of department head. Credits: (3, R6)

FREN 451 - Advanced French Grammar

Comprehensive study of the more difficult grammatical forms and usages. **Prerequisites & Notes** PREQ: 232 or 240. PREQ or COREQ: 301 and 302 or permission of department head. Credits: (3)

FREN 452 - Advanced French Conversation

Discussion of selected topics, oral reports on assigned readings, situational dialogues emphasizing practical, everyday French. **Prerequisites & Notes** PREQ: 232 or 240. PREQ or COREQ: 301 and 302 or permission of department head. Credits: (3)

FREN 481 - Independent Studies in French

Independent Studies in French **Prerequisites & Notes** PREQ: 232 or 240. PREQ or COREQ: 301 and 302 or permission of department head. Credits: (1-3, R6)

German

GER 101 - Experiencing German and the German-Speaking World I

Students develop basic knowledge about the German-speaking world, and through that content, acquire functional proficiency in German. (P6) Credits: (3)

GER 102 - Experiencing German and the German-Speaking World II

Students build on their functional proficiency in German as they build on their cultural and real-world knowledge of the German-speaking world. (P6) **Prerequisites & Notes** PREQ: Some competency in German or consultation with instructor. Credits: (3)

GER 110 - Experiencing German and The German-Speaking World: Accelerated

Students develop knowledge about the German-speaking world and through that content, acquire basic functional proficiency in German. Three credit hours only are applicable to Liberal Studies. 4 Lecture, 5 Lab. (P6) Credits: (6)

GER 190 - Triumph and Tragedy Reflected in Modern German Film

Modern German culture and values as seen in film. Credits: (3)

GER 231 - Intermediate German I

Continuation of written and oral German grammar; readings and discussions on German culture and civilization; readings in more specialized areas; lab practice maybe assigned. **Prerequisites & Notes** PREQ: 102 or equivalent or placement for 231; 231 or equivalent or placement for 232. Credits: (3)

GER 232 - Intermediate German II

Continuation of written and oral German grammar; readings and discussions on German culture and civilization; readings in more specialized areas; lab practice maybe assigned. **Prerequisites & Notes** PREQ: 102 or equivalent or placement for 231; 231 or equivalent or placement for 232. Credits: (3)

GER 240 - Accelerated Second-Year German

Continuation of 110; increasing emphasis on reading, writing, and the study of Germanic culture. 4 Lecture, 5 Lab. **Prerequisites & Notes** PREQ: 110 or permission of instructor. Credits: (6)

GER 301 - German for Everyday Use

Emphasis on communicating in realistic situations in everyday, practical German. **Prerequisites & Notes** PREQ: 232 or 240 or equivalent, or placement, or permission of department head. Credits: (3)

GER 304 - Introduction to Business German Culture

The development of students' communicative competence while learning about the culture and language surrounding business German. **Prerequisites & Notes** PREQ: 301. Credits: (3)

GER 310 - Introduction to German Prose and Poetry

Introduction to German literary texts; reading and analysis of literary works. **Prerequisites & Notes** PREQ: 232 or 240. Credits: (3)

GER 321 - German Civilization

Geographical, political, cultural, and historical aspects of Germany. **Prerequisites & Notes** PREQ: 232 or 240. Credits: (3)

GER 331 - Survey of German Literature

Major literary movements, authors, and works since the twelfth century. **Prerequisites & Notes** PREQ: 232 or 240. Credits: (3)

GER 401 - Contrastive Features of German and English

Study of similarities and differences of the two languages regarding phonology, morphology and syntax, and issues concerning L2 acquisition. **Prerequisites & Notes** PREQ: 232 or 240. PREQ or COREQ: 301 or permission of department head. Credits: (3)

GER 431 - Studies in German Literature

Intensive study of an author or authors, genre, literary movement, school, or literary period. **Prerequisites & Notes** PREQ: 232 or 240. PREQ or COREQ: 301 or permission of department head. Credits: (3, R6)

GER 451 - Advanced German Grammar

Comprehensive study of the more difficult grammatical forms and usages. **Prerequisites & Notes** PREQ: 232 or 240. PREQ or COREQ: 301 or permission of department head. Credits: (3)

GER 452 - Advanced German Conversation

Discussion of selected topics; oral reports on assigned reading; situational dialogues emphasizing practical, everyday German. **Prerequisites & Notes** PREQ: 232 or 240. PREQ or COREQ: 301 or permission of department head. Credits: (3)

GER 481 - Independent Studies in German

Independent Studies in German **Prerequisites & Notes** PREQ: 232 or 240. PREQ or COREQ: 301 or permission of department head. Credits: (1-3, R6)

GER 493 - Special Topics in German

Special Topics in German **Prerequisites & Notes** PREQ: 232 or 240. Credits: (1-6, R6)

Japanese

JPN 101 - Beginning Japanese I

Introduction to the study of Japanese language and culture. Emphasis on speaking. (P6) Credits: (3)

JPN 102 - Beginning Japanese II

Continued study of Japanese language and culture. Emphasis on speaking. (P6) **Prerequisites & Notes** PREQ: 101 or equivalent. Credits: (3)

JPN 190 - First Year Seminar: An Introduction to Japanese Popular Culture

Selected topics of Japanese popular culture, with a focus on martial arts, cuisine, and animation. Credits: (3)

JPN 231 - Intermediate Japanese I

Continued study of Japanese language and culture, with emphasis on oral development. **Prerequisites & Notes** PREQ: 102 or equivalent. Credits: (3)

JPN 232 - Intermediate Japanese II

Continued study of Japanese language and culture with emphasis on oral development. **Prerequisites & Notes** PREQ: 231 or equivalent. Credits: (3)

JPN 301 - Third Year Japanese I

Continued study of Japanese language (composition) and culture. **Prerequisites & Notes** 232 or permission of instructor. Credits: (3)

JPN 302 - Third Year Japanese II

Continued study of Japanese language and culture. **Prerequisites & Notes** 232 or permission of instructor. Credits: (3)

JPN 305 - Introduction to Japanese Literature in Translation

Overview of Japanese literature in translation. Credits: (3)

JPN 306 - Anime, Manga and Japan

Exploration of anime and manga to take a deeper look in Japanese language, culture, people, society and its current issues. Credits: (3)

JPN 307 - Japanese Language in Cinema

Exploration of the use of Japanese language, and its social/cultural contexts, in film (classic to contemporary). Credits: (3)

JPN 393 - Special Topics in Japanese

Special Topics in Japanese **Prerequisites & Notes** Permission of instructor. Credits: (3, R12)

JPN 451 - Advanced Japanese Grammar

Continued study of Japanese language and culture. **Prerequisites & Notes** 301 or permission of instructor. Credits: (3)

JPN 452 - Advanced Japanese Conversation

Continued study of Japanese language (conversational) and culture. **Prerequisites & Notes** 302 or permission of instructor. Credits: (3)

JPN 493 - Special Topics in Japanese

Special topics in Japanese. For summer travel courses and study abroad courses only. **Prerequisites & Notes** Instructor's permission needed. Credits: (3, R12)

Latin

LAT 101 - Beginning Latin I

Students learn to analyze and understand Classical Latin texts through study of this progenitor language's logic system of word formation and sentence construction. (P6) Credits: (3)

LAT 102 - Beginning Latin II

Continued study of basic Latin. (P6) Credits: (3)

Spanish

SPAN 101 - Experiencing Spanish and the Spanish-Speaking World

Students develop basic knowledge about the Spanish-speaking world and through that content acquire basic functional proficiency in Spanish. (P6) Credits: (3)

SPAN 102 - Experiencing Spanish and the Spanish-Speaking World II

Students build on their basic functional proficiency in Spanish as they build on their cultural and real-world knowledge of the Spanish-speaking world. (P6) **Prerequisites & Notes** PREQ: Some competency in Spanish or consultation with instructor. Credits: (3)

SPAN 104 - Spanish for Educators, Law Enforcement and Health Care Professionals

Students further develop basic language skills related to the contexts of schools, law enforcement, and health care. **Prerequisites & Notes** PREQ: 101 or equivalent. Credits: (3)

SPAN 105 - The Spanish-Speaking World

Study of Spanish culture and its relationship to the cultures of countries and regions where Spanish is spoken. Credits: (3)

SPAN 121 - Spanish for Criminal Justice Professionals

Students will develop basic language skills and communication strategies specifically designed to assist students pursuing careers in criminal justice. Credits: (1)

SPAN 123 - Spanish for Emergency Medical Care Professional

Students will develop basic language skills and communication strategies specifically designed to assist students pursuing careers in emergency medical care or nursing. Credits: (1)

SPAN 190 - Celluloid and Paper Dreams: Hispanic Literature and Film

Hispanic culture as expressed in film and literature. Credits: (3)

SPAN 231 - Intermediate Spanish I

Continued development of listening, speaking, reading, and writing; continued study of the culture of the Hispanic world. **Prerequisites & Notes** PREQ: 102 or equivalent or placement. Credits: (3)

SPAN 232 - Intermediate Spanish II

Continued development of listening, speaking, reading, and writing; continued study of the culture of the Hispanic world. **Prerequisites & Notes** PREQ: 231 or equivalent or placement. Credits: (3)

SPAN 240 - Accelerated Second-Year Spanish

Continuation of 110; increasing emphasis on reading, writing, and the study of culture of the Hispanic world. 4 Lecture, 5 Lab. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (6)

SPAN 301 - Spanish Conversation & Composition

Students will discuss and write about challenging topics of interest in the Hispanic world in Spanish with increasing sophistication. **Prerequisites & Notes** PREQ: 232 or 240 or equivalent or placement, or permission of department head. Credits: (3)

SPAN 302 - Topics of the Hispanic World II

Examination of topics of interest in the Hispanic world; enhancement of communicative abilities; to include student projects. **Prerequisites & Notes** PREQ: 232 or 240 or equivalent, or placement or permission of department head. Credits: (3)

SPAN 303 - Applied Spanish Conversation

Apprenticeship in the intensive language program. Does not count toward major, minor, or DFA in foreign languages. 10 Lab. **Prerequisites & Notes** PREQ: 232 or 240, sophomore standing, selection by faculty. Credits: (3, R6)

SPAN 310 - Introduction to Spanish Prose and Poetry

Introduction to Spanish literary texts; reading and analysis of literary works. **Prerequisites & Notes** PREQ: 232 or 240. Credits: (3)

SPAN 321 - Hispanic Culture

This course will explore the cultures of Spanish speaking world, including geography, history, gastronomy, art music, politics, economics, among other related topics. **Prerequisites & Notes** PREQ or COREQ: 301 or permission of department head. Credits: (3)

SPAN 322 - Spanish-American Civilization

Geographical, political, cultural, and historical aspects of Latin America. **Prerequisites & Notes** PREQ: 232 or 240. PREQ or COREQ: 301 and 302, or permission of department head. Credits: (3)

SPAN 330 - Masterpieces of Spanish Peninsular Literature

The literary periods and movements, authors, and selected representative works of Spain. **Prerequisites & Notes** PREQ: 232 or 240. PREQ or COREQ: 301 and 302, or permission of department head. Credits: (3)

SPAN 331 - Literature of Spain

Representative works of Spanish Peninsular Literature will be studied to examine the relationship between language and society and increase students' understanding of cultural diversity. **Prerequisites & Notes** PREQ or COREQ: SPAN 301 or permission of department head. Credits: (3)

SPAN 332 - North American & Caribbean Literature in Spanish

This course will explore works of literature and other arts from the Hispanic or Latino communities in North America and the Caribbean. **Prerequisites & Notes** PREQ: SPAN 301 or permission of the department head. Credits: (3)

SPAN 333 - South American Literature in Spanish

An introduction to the literature of South America. **Prerequisites & Notes** PREQ or COREQ: SPAN 301 or permission of department head. Credits: (3)

SPAN 389 - Cooperative Education in Spanish

See Cooperative Education Program. **Prerequisites & Notes** PREQ: 301, 302. Credits: (1 or 3, R15)

SPAN 401 - Contrastive Features of Spanish and English

Study of similarities and differences of the two languages regarding phonology, morphology, and syntax and issues concerning L2 acquisition. **Prerequisites & Notes** PREQ: 301 and 302, or permission of instructor. Credits: (3)

SPAN 411 - National Identity in Literature and the Arts in the Spanish-Speaking World

National identities in Hispanic world and their reflection in literature and the visual arts. **Prerequisites & Notes** PREQ: One of SPAN 331, 332, or 333 or permission of department head. Credits: (3)

SPAN 420 - Teaching Foreign Language

The purpose of this course is to provide students with an opportunity to learn about current methods of foreign languages. **Prerequisites & Notes** PREQ: Admission to the professional education sequence; EDSE 322. Credits: (3)

SPAN 421 - The Feminine in Hispanic Literature

Study of representative literary works which explore the meaning of feminine identity and gender relations in the literature of Spanish America and Spain. **Prerequisites & Notes** PREQ: SPAN 301 or permission of department head. Credits: (3)

SPAN 431 - Studies in Spanish Peninsular Literature

Study of an author or authors, a genre, literary movement, school, or literary period of Spain. **Prerequisites & Notes** PREQ: 232 or 240. PREQ or COREQ: 301 and 302, or permission of department head. Credits: (3, R6)

SPAN 432 - Studies in Spanish-American Literature

Study of an author or authors, a genre, literary movement, school, or literary period of Latin America. **Prerequisites & Notes** PREQ: 232 or 240. PREQ or COREQ: 301 and 302, or permission of department head. Credits: (3, R6)

SPAN 433 - Writing from the Margins: Literature of Dissent and Protest in the Spanish-Speaking World

This course will explore works of literature and other arts in Spanish that demonstrate themes of dissent and protest.

Prerequisites & Notes PREQ: One of SPAN 331, 332 or 333 or permission of the department head. Credits: (3)

SPAN 441 - Laughter and Tears

Study of comedy and tragedy in the Spanish-speaking world. **Prerequisites & Notes** PREQ: SPAN 331, 332 or 333 or permission of the department head. Credits: (3)

SPAN 451 - Advanced Spanish Grammar

In-depth study of the structures and usage of the Spanish language. **Prerequisites & Notes** PREQ: 301 or permission of department head. Credits: (3)

SPAN 452 - Advanced Spanish Conversation

Discussion of selected topics; reports on assigned readings; situational dialogues in practical, everyday Spanish.

Prerequisites & Notes PREQ: 302 or permission of department head. Credits: (3)

SPAN 461 - Spanish Phonetics, Morphology and Syntax

An in-depth study in the production of sounds, the formation of words, and sentence structure. **Prerequisites & Notes** PREQ: WLL 311 or permission of department head. Credits: (3)

SPAN 471 - The Art of Translation

Students study translation theory, learn about translation tools, comprehend settings where translators and interpreters work, practice translation from Spanish to English and vice versa. **Prerequisites & Notes** PREQ: WLL 311 or permission of department head. Credits: (3)

SPAN 481 - Independent Studies in Spanish

Independent Studies in Spanish **Prerequisites & Notes** PREQ: 301 and 302, or permission of department head. Credits: (1-3, R6)

SPAN 491 - Student Teaching, 9-12

For this course, student teachers will teach in a North Carolina Public School for field experience and assessed on lesson plans. **Prerequisites & Notes** COREQ: EDSE 490, 495. Credits: (3)

SPAN 493 - Special Topics in Spanish

Topics will vary. **Prerequisites & Notes** PREQ or COREQ: SPAN 301 or permission of department head. Credits: (3, R9)

Other Courses

WLL 311 - Introduction to Linguistics

Designed to give students a linguistic background, with a dual synchronic-diachronic approach, and emphasis on etymology, morphology, phonology, syntax, and semantics. **Prerequisites & Notes** PREQ: One SPAN 301, FREN 301, GER 301, or permission of department head. Credits: (3)

WLL 380 - Language Immersion Experience

Students will live in the World Language House for one academic year, speak only the target language, will register for WLL 380 in the spring. S/U grading. **Prerequisites & Notes** PREQ: Permission of Department Head. Credits: (1)

Philosophy and Religion

Office Info: 226 Stillwell Building/Main Campus (828) 227-7262 phre@email.wcu.edu

Department Website

Kevin Schilbrack, *Department Head* Faculty/Staff Directory (search by department)

For information on special majors in this department that are available through the Humanities Program, please check the Humanities copy under “The Honors College” in the catalog or contact The Honors College at (828) 227-7383.

Philosophy and Religion

PAR 101 - Western Philosophical Traditions

Introduces students to thinkers foundational to liberal arts education who pursue the examined life, inquiring into human existence, knowledge and moral goodness. (P4) Credits: (3)

PAR 102 - Western Moral Traditions

The study of historical theories of virtue, duty and the common good, along with moral education; and contemporary moral dilemmas (e.g., abortion, animal rights, genetic engineering). (P4) Credits: (3)

PAR 145 - Eastern Religious Traditions

Historical, political, and theological contexts in which the major religious traditions of the East (Buddhism, Confucianism, Hinduism, Taoism) developed, with attention to distinctive ethical principles. (P6) Credits: (3)

PAR 146 - Western Religious Traditions

Historical, political, and theological contexts in which the major religious traditions of the West (Judaism, Christianity, Islam) developed with attention to noted ethical principles. (P3) Credits: (3)

PAR 190 - Freedom, Culture, and Utopia

Study of classic utopian visions of ideal societies, along with criticisms arising from the implications for human freedom in such communities. 3 Seminar. Credits: (3)

PAR 201 - Philosophy of Sex and Love

An examination of key conceptual and ethical questions concerning love and sex. Is love really essential to a good life? What defines sexual perversion? (P4) Credits: (3)

PAR 230 - Legal, Scientific, & Critical Reasoning

Argument analysis; validity, strength, soundness of deductive and inductive arguments; logical fallacies; practical uses of critical reasoning in legal, scientific, and ethical case studies. (P4) Credits: (3)

PAR 242 - What is Religion?

A reflection upon the methodologies (historical, socio-psychological) used in the modern scholarly study of religion, and theories about the origins and nature of religion. (P6) Credits: (3)

PAR 250 - Origins of Early Christian Traditions

Study of the historical events, processes, and key persons involved in the emergence of the early Christian church, stressing philosophical-theological disputes forming early Christianity. (P3) Credits: (3)

PAR 251 - Understanding Islamic Traditions

The religious history of Islam, the beliefs and practices of Muslims, Islamic mysticism, the vitality of Islam, contemporary tensions and interpretations. (P6) Credits: (3)

PAR 260 - Women and Religion

Study of women's narratives and visions—feminist theologians, women mystics, female writers—as they reflect on spiritual life, marginalization, moral imagination, and community. (P6) Credits: (3)

PAR 295 - Self, Society, & the Good Life

An intensive seminar teaching the skills of research and writing in the humanities, while studying theories and problems of the good life. Credits: (3)

PAR 304 - Justice, Power and Human Nature in the Ancient Greek Polis

Ancient Greek thinkers that founded the Western liberal arts traditions, first raising central questions about human excellence, knowledge, justice, power, and historical meaning. (P4) Credits: (3)

PAR 306 - Science, Reason, and Autonomy in the Enlightenment

Rejecting authority of tradition, rationalists, and empiricists, like Rene Descartes and Francis Bacon, inaugurate modern natural science by demanding new methods and principles of reasoning. (P4) Credits: (3)

PAR 307 - From Existentialism to Feminism

Philosophical ideal of freedom as found in German Idealism and Romanticism, and its subsequent development and critique in Marxism, existentialism, postmodernism, and feminism. (P4) Credits: (3)

PAR 308 - From Pragmatism to Postmodernism

The development of philosophy in England and America in the 19th and 20th centuries, with particular emphasis on William James and Ludwig Wittgenstein. (P4) Credits: (3)

PAR 309 - Philosophy In and Of Film

Philosophical ideas in film; philosophical ideas about film and about the interpretation of film. (P4) Credits: (3)

PAR 310 - Philosophy of Art

Consideration of ways of making reflective claims about art; emphasis on development of a personal viewpoint. Credits: (3)

PAR 311 - Philosophy of Science

The structure of scientific explanation and discovery; the cognitive status of scientific theories; relations between the various natural and social sciences. Credits: (3)

PAR 312 - Philosophy of Religion

Selected topics, such as proofs for the existence of God, immortality, the problem of evil, and the nature of religious belief, action, and experience. (P4) Credits: (3)

PAR 313 - Philosophy of Law

The nature of law and legal reasoning; classical and modern theories of law; law, freedom of expression, equality, justice, and responsibility explored through case studies. (P1) Credits: (3)

PAR 315 - Philosophy of Mind

A survey of the major philosophical theories of mind, and a study of some select moral and social scientific implications of those theories. (P1) Credits: (3)

PAR 320 - Philosophical and Religious Classics

An exploration of a seminal text or thinker in philosophical or religious thought. (P4) Credits: (3)

PAR 323 - Mysticism and the Modern Mind

Study of the varied meanings of mysticism in thought, religion, and culture. (P6) Credits: (3)

PAR 330 - America's Wilderness Ethics and Aesthetics

Investigates how the American conception of "wilderness" has evolved and the consequences for wilderness preservation, ecological, and aesthetic appreciation of the wild. (P4) Credits: (3)

PAR 332 - Biomedical Ethics and Social Justice

Ethical theories surrounding autonomy, beneficence, justice, applied to concepts of health, disease, and personhood; patient-provider relationship, life-death issues, health policy, genetic engineering, and biomedical research. (P1) Credits: (3)

PAR 333 - Environmental Ethics

Environmental ethics concerns how humans ought to be related to nature. One question explored is "Do animal and ecosystems have value independent of human needs?" (P1) Credits: (3)

PAR 334 - Biotechnology and Society

An exploration of the ethical and legal issues raised by recent innovations in biotechnology, emphasizing forensic genetics, human genetic engineering and agricultural biotechnology (GMOs). *Cross listed with BIOL 334*. No credit for BIOL 334. (P1) Credits: (3)

PAR 353 - Religion in Film

An examination of how religion and the fundamental problems of religious thought have been portrayed in classic and contemporary film. (P6) Credits: (3)

PAR 354 - Religion, Suffering, and the Moral Imagination

Exploration of the perennial problems of human suffering and the quest for moral meaning as exemplified in imaginative creations in literature, philosophy, and religious thought. (P6) Credits: (3)

PAR 355 - Contemporary Religious Classics

The spiritual insights of different 20th-century individuals and cultures, as portrayed in quests and experiences of life and death, love and suffering, or "the sacred". (P6) Credits: (3)

PAR 365 - Medieval and Reformation Theology: Divine Foreknowledge, Free Will, and Justification by Faith

Historical-critical study of key texts of medieval Catholic theologians, Anselm and Aquinas, later Scholasticism, Erasmus' humanism, followed by examination of Reformation theologians, Luther and Calvin. (P3) Credits: (3)

PAR 366 - Religion and Science: God's Law and the Laws of Nature

Study of the conflicts between religious and scientific explanations of reality; examines pivotal cases-Galileo/Church dispute, Darwinism/creationism - for constructive models of religious-scientific dialogue. (P3) Credits: (3)

PAR 367 - Native American Religions

An interdisciplinary study of indigenous religious beliefs in North America using anthropological, linguistic, as well as religious studies to study North American Religious traditions. (P6) Credits: (3)

PAR 380 - Independent Study

Independent Study Credits: (1-3, R6)

PAR 392 - Global Justice, Liberty, and Human Rights

Discussion of whether global justice can be achieved, in light of political realism, poverty, women's inequities, war, markets, with concern for human liberty and rights. **Prerequisites & Notes** PREQ: Closed to Freshmen 0-24 hours. Credits: (3)

PAR 393 - Topics in Philosophy and Religion

Topics in Philosophy and Religion **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1-3, R6)

PAR 404 - Ancient Cynics, Stoics, and Skeptics

Study of the late ancient schools - Epicureans, Stoics, and Skeptics - and their disputes about the proper ends (pleasure, virtue, doubt) to attain human flourishing. (P4) Credits: (3)

PAR 495 - Seminar in Philosophy and Religion

Seminar in Philosophy and Religion **Prerequisites & Notes** PREQ: 6 hours in philosophy, excluding 101 and 201, or permission of instructor. Credits: (3, R9)

PAR 593 - Topics in Philosophy and Religion

Topics in Philosophy and Religion Credits: (1-3, R6)

Political Science and Public Affairs

Office Info: 358 Stillwell Building/Main Campus (828) 227-7262 pspa@email.wcu.edu

Department Website

Christopher Cooper, Interim Department Head Faculty/Staff Directory (search by department)

Political Science

PA 521 - Political and Organizational Leadership

Concepts and processes of leadership as related to political and public organizations. **Prerequisites & Notes** PREQ: 6 hours of political science or permission of instructor. Credits: (3)

PSC 107 - Comparative Political Cultures

Impact of cultural differences on the policies and political perspectives of various First, Second, and Third World nations; comparison and contrast of contemporary examples. Credits: (3)

PSC 110 - Global Issues

How globalization as a cultural and economic process is transforming contemporary society. (P6) Credits: (3)

PSC 150 - American Government and Politics

The American political system; introduction to government institutions and how politics shapes policies. (P1) Credits: (3)

PSC 190 - Freshman Seminar in Political Science

Exploration of various topics in American, comparative, and international politics. Credits: (3)

PSC 215 - European Political Systems

Comparison of the political systems of selected nations. Credits: (3)

PSC 216 - Politics of Developing Areas

Comparative analysis of developmental processes pursued through political, military, economic, and administrative structures of Third World nations; case studies. Credits: (3)

PSC 219 - Latin American Political Systems

Institutions, groups, parties, and processes; problems of political development, modernization, and change. Credits: (3)

PSC 241 - International Politics

Components and characteristics of the international political system; conflict and cooperation in international relations; changing nature of international behavior. Credits: (3)

PSC 242 - International Organization

Global and regional organizations promoting settlement of disputes, collective security, economic development, human rights, and self-government. Credits: (3)

PSC 250 - Introduction to Political Science

An introduction to the Political Science discipline for majors and prospective majors; explores subfields and career paths and opportunities. Credits: (1)

PSC 270 - Popular Culture in American Politics

The role and influence of culture in and on American politics. The interplay between culture and politics examined through texts, novels, written media, and film. Credits: (3, R6)

PSC 302 - Problems and Policies of American Government

Alternative public policies in selected areas: social welfare, health care, resources, labor, agriculture, civil rights, business, taxation, defense, and education. Credits: (3)

PSC 303 - State and Local Government

Structure and functions of state and local government; processes of policy formation. Credits: (3)

PSC 304 - Public Administration

Administrative theory and practice; implementation of governmental policies; case studies of the administrative process in such areas as business regulation, health care, and law enforcement. Credits: (3)

PSC 305 - Congress

Congress as an institution; its role in the formulation of national policies; case studies dealing with legislation in the various areas of national policy. Credits: (3)

PSC 306 - American Presidency

The chief executive, his advisers, role playing, and decision making in the executive branch. Credits: (3)

PSC 310 - Constitutional Law: Structure and Powers

An examination of the United States Constitution in substance and its role in defining and shaping the American political system and American culture. Credits: (3)

PSC 311 - Politics of the Middle East

This course will introduce students to the study of politics in the Middle East. **Prerequisites & Notes** PREQ: PSC 110
Credits: (3)

PSC 317 - Politics of Asia

Selected political systems of East Asia; factors involved in political change and modernization. Credits: (3)

PSC 320 - International Environmental Politics

This course examines the politics of international governance and cooperation from the perspective of the global environment. Credits: (3)

PSC 321 - International Political Economy

Politics of the global economy, relations among nation-states, and dominant theories of international political economy including liberalism, realism, and historical structuralism. Credits: (3)

PSC 330 - Political Violence

This course will introduce students to the study of political violence (terrorism, insurgency, revolutions, and state repression). **Prerequisites & Notes** PREQ: PSC 110 Credits: (3)

PSC 333 - International Law

Rules and practices regulating such matters as state territory and jurisdiction; treaties, nationality, and treatment of aliens; diplomatic and consular relations; warfare. Credits: (3)

PSC 334 - United States Foreign Policy

Policies governing America's foreign relations; personnel and agencies responsible for policy implementation; role of the United States in world affairs since World War II. Credits: (3)

PSC 336 - Mass Media and American Politics

Examination and assessment of the power and influence of the mass media in American politics; emphasis on television. Credits: (3)

PSC 343 - Politics of Ethnic Conflict

This class examines the political causes of ethnic conflicts across the globe. Credits: (3)

PSC 345 - Ancient and Medieval Political Thought

Political philosophers from Plato to Thomas Aquinas; their ideas examined and related to current issues. Credits: (3)

PSC 346 - Political Theory

Explanation of thinkers and ideas that shape our current political debates, covering classic and modern writings. Credits: (3)

PSC 347 - American Social and Political Eras

American social and political ideas from the Federalist Papers to the present. Credits: (3)

PSC 348 - Political Analysis I

Research methods and theoretical approaches for describing, explaining, and solving domestic and foreign policy problems. **Prerequisites & Notes** PREQ: 150 or permission of instructor. Credits: (3)

PSC 349 - Civic Learning

Participate in a service learning experience and analyze its relationship to public policy. **Prerequisites & Notes** Must be a declared Political Science major or second major. Credits: (1)

PSC 350 - Advanced Writing in Political Science

Using a course paper, work with a faculty member to prepare the paper for presentation or publication submission. **Prerequisites & Notes** PREQ: Must be a declared Political Science major or second major. Credits: (1)

PSC 351 - Gender in Politics

Gender roles examined in the context of national, state, and local government and politics. Credits: (3)

PSC 355 - Model United Nations

Model United Nations is a simulation designed to introduce students to the history, structure, operations, and functions of the United Nations. Credits: (3, R6)

PSC 360 - Judicial Process

The process of judicial decision making. The institutional and political constraints on judicial behavior. Judicial decision making as a tool of interpretation and impact. Credits: (3)

PSC 389 - Cooperative Education in Political Science

See Cooperative Education Program. Credits: (1 or 3, R15)

PSC 405 - Methods for Teaching Social Sciences

Methods, materials, curriculum, and trends in teaching secondary social sciences. Field experience required. **Prerequisites & Notes** PREQ: EDSE 322, admission to teacher education; 2.75 GPA in major. Credits: (3)

PSC 406 - Teaching Civics and Economics

Methods, content and assessment for the North Carolina secondary core requirements in Civics and Economics. **Prerequisites & Notes** PREQ: HIST 297; Admission to Teacher Education. COREQ: HIST 395. Credits: (1)

PSC 407 - American Political Parties

American political parties and their role in the government and politics of contemporary society; current national issues dividing the parties. Credits: (3)

PSC 408 - Southern Politics

An analysis of Southern politics that focuses on the region's unique political history, its transformation during the twentieth century and its importance in national politics. Credits: (3)

PSC 421 - Political and Organizational Leadership

Concepts and processes of leadership related to political and public organizations. **Prerequisites & Notes** PREQ: 6 hours in political science or permission of instructor. Credits: (3)

PSC 448 - Political Analysis II

Students will learn how to analyze data to describe, explain, and solve domestic and foreign policy problems. **Prerequisites & Notes** PREQ: 348 Credits: (3)

PSC 450 - Portfolio

Career exploration, resume building and job search strategies to help political science majors prepare for life after college. Credits: (1)

PSC 480 - Readings in Political Science

Readings in Political Science **Prerequisites & Notes** PREQ: Departmental permission. Credits: (3, R6)

PSC 483 - Internship in Political Science

Work experience in a government or community agency applying academic studies to practice. S/U grading. 9 hours per week per course. **Prerequisites & Notes** PREQ: Permission of department head. Credits: (3)

PSC 484 - Internship in Political Science

Work experience in a government or community agency applying academic studies to practice. S/U grading. 9 hours per week per course. **Prerequisites & Notes** PREQ: Permission of department head. Credits: (3)

PSC 485 - Internship in Political Science

Work experience in a government or community agency applying academic studies to practice. S/U grading. 9 hours per week per course. **Prerequisites & Notes** PREQ: Permission of department head. Credits: (3)

PSC 493 - Topics in Contemporary Political Systems

Problems in the structure and functions of selected political systems reflected against their political cultures. Credits: (3, R6)

PSC 494 - Seminar: American Political Systems

Current issues in American government and politics. Credits: (3, R6)

Public Affairs

PA 640 - Environmental Politics and Policy

Environmental Politics and Policy Credits: 3

PA 650 - The Nonprofit Sector

The Nonprofit Sector Credits: 3

PA 672 - Public Organizational Theory

Public Organizational Theory Credits: (3)

PA 674 - Research Methods

Research Methods Credits: (3)

PA 685 - Internship in Public Affairs

Internship in Public Affairs Credits: (3)

Social Science Programs

Libby McRae, Head

Department Website

Interdisciplinary Studies

Department Website

Arts and Sciences Interdisciplinary

ASI 100 - Introduction to American Culture

Survey of contemporary American culture: basic history, geography, cultural characteristics, and customs.

Prerequisites & Notes PREQ: International student or permission of instructor. Credits: (3)

ASI 230 - Introduction to Women's Studies

Introduction to a variety of disciplinary perspectives as they affect the status and roles of women in society. Credits: (3)

ASI 250 - Introduction to Appalachian Studies

Interdisciplinary examination of Appalachia's culture, history, creative traditions, and natural environment to illuminate current issues. Field trips, projects, guest lectures. (P1) Credits: (3)

ASI 293 - Special Topics

Special Topics Credits: (1-4, R6)

ASI 300 - University Forum for Contemporary Issues

Issues, problems, and developments of current interest presented by faculty and, occasionally, visiting scholars. S/NC grading. Credits: (1, R6)

ASI 393 - Special Topics

Special Topics Credits: (3, R12)

ASI 450 - Appalachian Studies Seminar

Field-based, interdisciplinary capstone seminar of Appalachia's culture, history, creative traditions, and natural environment to illuminate current issues. Field trips, projects, guest lectures. **Prerequisites & Notes** PREQ: 250 and permission of instructor. Credits: (3)

ASI 493 - Topics in American Studies

Seminar on particular facets of American culture such as literature and art, philosophy and politics, and folklore and society. Credits: (3, R6)

ASI 494 - Topics in Cherokee Studies

Various topics in Cherokee studies such as anthropology, history, sociology, and literature. Juniors will not be allowed to enroll in this course. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (3, R6)

Accounting, Finance, Information Systems, and Economics

Office Info: 124 Forsyth Building/Main Campus (828) 227-7404 afie@email.wcu.edu

Department Website

Robert (Bob) Mulligan, Department Head Faculty/Staff Directory (search by department)

The department hosts the Center for Information Technology and Assurance (CITA) directed by Dr. Tilt Thompkins.

Accounting

ACCT 161 - Accounting for the Non-Business Major

The basic accounting cycle, financial statements; uses of accounting in business and non-business organizations. Not open to students seeking the B.S.B.A. degree. Credits: (3)

ACCT 251 - Financial Accounting - A User Perspective

Financial accounting presented from a user perspective with a focus on decision making. Reading and comprehending an annual report. Credits: (3)

ACCT 252 - Using Accounting Information for Management Decisions

Use of the accounting information to manage, measure, and improve the performance of a company, and to make decisions about future operations. **Prerequisites & Notes** PREQ: 251. Credits: (3)

ACCT 275 - Intermediate Accounting I

Accounting theory in financial statements, valuation and present value concepts, current assets. **Prerequisites & Notes** PREQ: 251. Credits: (3)

ACCT 293 - Topics in Accounting

Topics in Accounting Credits: (1-3, R3)

ACCT 301 - Financial Statement Analysis

Short-term liquidity, cash flow from operations, funds flow, capital structure, long-term solvency, return on investment, asset utilization, and operating performance. *Co listed with FIN 301.* **Prerequisites & Notes** PREQ: 275. Credits: (3)

ACCT 330 - Fraud Examination

Overview of occupational fraud, including fraud theory, prevention, and investigation. Emphasis on fraudulent financial reporting. **Prerequisites & Notes** PREQ: 275. Credits: 3

ACCT 352 - Intermediate Accounting II

Theory applied to investments, current and long-term liabilities, leases, income taxes, pensions, and shareholders equity. **Prerequisites & Notes** PREQ: 275 with a minimum grade of C. Credits: (3)

ACCT 355 - Introduction to Income Taxation

Federal income taxation of individuals and sole proprietors, gross income inclusions and exclusions, business and employee deductions, property transactions, capital gains and losses, cost recovery. **Prerequisites & Notes** PREQ: 161 or 251. Credits: (3)

ACCT 356 - Cost Accounting

Budgeting, systems design, responsibility accounting and motivation, standard costing, variance analysis, cost behavior patterns, relevant costs, contribution analysis, and income effects of costing alternatives. **Prerequisites & Notes** PREQ: 252. Credits: (3)

ACCT 361 - Not-For-Profit Accounting

Accounting principles as applied to governmental agencies and other nonprofit organizations. **Prerequisites & Notes** PREQ: 252. Credits: (3)

ACCT 365 - Accounting Information Systems

Accounting information systems with an emphasis on business processes, transaction initiation and recording, and internal controls. Relevant technology will also be covered. **Prerequisites & Notes** PREQ: ACCT 275 with a minimum grade of C- (minus) Credits: (3)

ACCT 389 - Cooperative Education in Accounting

See Cooperative Education Program. Credits: (1 or 3, R15)

ACCT 454 - Auditing

Theory, practice, and procedures in auditing; standards, professional ethics and internal controls. **Prerequisites & Notes** PREQ: 275. Credits: (3)

ACCT 480 - Independent Research in Accounting

Independent Research in Accounting **Prerequisites & Notes** PREQ: Accounting major; permission of department head. Credits: (3)

ACCT 483 - Accounting Internship

A full-time work situation providing in-depth experience in accounting practices. S/U grading. **Prerequisites & Notes** PREQ: Junior standing; formal application; permission of accounting internship coordinator. Credits: (1-3, R6)

ACCT 484 - Accounting Internship

A full-time work situation providing in-depth experience in accounting practices. S/U grading. **Prerequisites & Notes** PREQ: Junior standing; formal application; permission of accounting internship coordinator. Credits: (1-3)

ACCT 485 - Accounting Internship

A full-time work situation providing in-depth experience in accounting practices. S/U grading. **Prerequisites & Notes** PREQ: Junior standing; formal application; permission of accounting internship coordinator. Credits: (1-3)

ACCT 493 - Topics in Accounting

Topics in Accounting **Prerequisites & Notes** PREQ: Permission of department head. Credits: (1-3, R6)

ACCT 495 - Senior Seminar

Contemporary issues facing accountants in managerial decision-making responsibilities. Comprehensive evaluation of information used for decisions with strategic implications for the company. **Prerequisites & Notes** Senior standing. Credits: (3)

ACCT 551 - Financial Accounting Concepts and Standards I

Financial Accounting Concepts and Standards I Credits: 3

ACCT 552 - Financial Accounting Concepts and Standards II

Financial Accounting Concepts and Standards II Credits: 3

ACCT 601 - Financial Analysis

Financial Analysis Credits: (3)

ACCT 605 - Accounting Theory and Practice I

Accounting Theory and Practice I Credits: (3)

ACCT 615 - Accounting Theory and Practice II

Accounting Theory and Practice II Credits: (3)

ACCT 616 - Accounting Theory and Practice III

Accounting Theory and Practice III Credits: (3)

ACCT 620 - Income Tax Theory and Applications

Income Tax Theory and Applications Credits: (3)

ACCT 625 - Advanced Accounting Information Systems

Advanced Accounting Information Systems Credits: (3)

ACCT 640 - Auditing

Auditing Credits: (3)

ACCT 662 - Taxation and Business

Taxation and Business Credits: (3)

ACCT 682 - Research Project in Accounting

Research Project in Accounting **Prerequisites & Notes** PREQ: Detailed project proposal must be approved by department head and director of graduate program. Credits: (1-3, R6)

ACCT 683 - Accounting Internship

Accounting Internship Credits: (3)

ACCT 684 - Accounting Internship

Accounting Internship Credits: (3)

ACCT 685 - Accounting Internship

Accounting Internship Credits: (3)

ACCT 693 - Topics in Accounting

Topics in Accounting Credits: (1-3, R6)

ACCT 779 - Continuing Research - Non-Thesis Option

Continuing Research - Non-Thesis Option Credits: (1, R10)

Computer Information Systems

CIS 110 - Introduction to Computer Information Systems

Introductory computer concepts including a brief history of computers and terms, the Windows operating system, browsers and the Internet, and microcomputer applications tools. Not open to students seeking the B.S.B.A. degree. Credits: (3)

CIS 195 - The Information Society at Work

The impact of computer and telecommunications technologies on the way we work; special focus on the individual, organizational, and societal impacts of remote work arrangements. Credits: (3)

CIS 235 - Foundations of Information Technology

Architecture of modern computer systems including peripherals; data communications and networking with fault-tolerant computing; language transition; operating systems software, and utilities. Credits: (3)

CIS 240 - Business Applications Development I

Application of programming principles in business; flowcharting, coding, documentation, and testing; computer architecture and data representation. Credits: (3)

CIS 251 - Managing Enterprise Information Systems

An introduction into enterprise information systems and how they are used to assist businesses and organizations achieve their mission and gain a competitive advantage. Credits: (3)

CIS 253 - Microcomputer Applications

Problem solving and decision making with selected microcomputer applications such as database and spreadsheets. Credits: (3)

CIS 293 - Topics in Computer Information Systems

Topics in Computer Information Systems Credits: (1-4, R4)

CIS 335 - Enterprise Technology Management

The development, management, and planning of information technologies in the enterprise environment. **Prerequisites & Notes** PREQ: 235. Credits: (3)

CIS 340 - Business Applications Development II

The study of state-of-the-art tools and techniques for developing complex business applications; Web application development; multi-tier client-server; SQL. **Prerequisites & Notes** PREQ: 240. Credits: (3)

CIS 389 - Cooperative Education in Information Systems

See Cooperative Education Program. Credits: (1 or 3, R15)

CIS 403 - Business Research and Reports

Identification of research problems; collecting and analyzing data; presenting findings for decisionmaking. Credits: (3)

CIS 440 - Advanced Business Programming Applications

Use of advanced programming techniques to solve business problems and create web based applications. **Prerequisites & Notes** PREQ: 340. Credits: (3)

CIS 453 - Database Management Systems

Database processing and application development emphasizing design, implementation, and maintenance of single-user and enterprise wide databases. Design and implementation of a database application. **Prerequisites & Notes** PREQ: CIS 253. CO-REQ.: CIS 455 Credits: (3)

CIS 455 - Computer Information Systems Analysis and Design

Object-oriented analysis and design. Object identification, problem identification, feasibility, system requirements, prototyping, design-related activities, and formal report writing. **Prerequisites & Notes** PREQ: CIS 340. CO-REQ.: CIS 453 Credits: (3)

CIS 465 - Applications Development III

Development of client-server business applications using enterprise wide databases and cross platform and cross product functionality and connectivity. **Prerequisites & Notes** PREQ: 453 and 455. Credits: (3, R9)

CIS 466 - Small Business Computing

Technology, software design, programming techniques, system design, and analysis related to mini- and microcomputers. **Prerequisites & Notes** PREQ: 251. Credits: (3)

CIS 480 - Independent Research in Information Systems

Independent Research in Information Systems **Prerequisites & Notes** PREQ: CIS major; permission of department head. Credits: (3)

CIS 483 - Internship in Information Systems

Supervised experience using previously studied theory. S/U grading. **Prerequisites & Notes** PREQ: Sophomore standing, 2.0 GPA, written application, and permission of department head. Minimum of 10 hours per week. Credits: (1-3, R6)

CIS 484 - Internship in Information Systems

Supervised experience using previously studied theory. S/U grading. **Prerequisites & Notes** PREQ: Sophomore standing, 2.0 GPA, written application, and permission of department head. Minimum of 10 hours per week. Credits: (1-3, R6)

CIS 485 - Internship in Information Systems

Supervised experience using previously studied theory. S/U grading. **Prerequisites & Notes** PREQ: Sophomore standing, 2.0 GPA, written application, and permission of department head. Minimum of 10 hours per week. Credits: (1-3, R6)

CIS 493 - Topics in Information Systems

Topics in Information Systems **Prerequisites & Notes** PREQ: Permission of department head. Credits: (1-3, R15)

CIS 605 - Managerial Communication

Managerial Communication Credits: (3)

CIS 651 - Information Systems for Competitive Advantage

Information Systems for Competitive Advantage Credits: (3)

CIS 661 - Systems Analysis and Development

Systems Analysis and Development Credits: (3)

CIS 662 - Database Management Systems

Database Management Systems Credits: (3)

CIS 682 - Research Project in Computer Information Systems

Research Project in Computer Information Systems Credits: (3, R6)

CIS 693 - Topics in Information Systems

Topics in Information Systems Credits: (1-3, R6)

Economics

ECON 231 - Introductory Microeconomics and Social Issues

Study of economic and social systems, emphasizing choices made by individuals in society such as consumers, producers, employees, voters, policy makers, and students. (P1) Credits: (3)

ECON 232 - Introductory Macroeconomics and Social Issues

Macroeconomic principles; alternative theories of economic instability; national income, fiscal policy, monetary policy, and international trade. (P1) Credits: (3)

ECON 300 - Macroeconomics and Business Forecasting

Macroeconomic principles, national income accounting, monetary and fiscal policy, econometric forecasting methods applied to entrepreneurial planning and evaluation of economic and development policy. **Prerequisites & Notes** PREQ: 231 and QA 235. COREQ: QA 305. Credits: (3)

ECON 302 - Managerial Economics

The price mechanism and allocation of resources under competition, monopoly, and imperfect competition; applications to decision making. **Prerequisites & Notes** PREQ: ECON 231. Credits: (3)

ECON 303 - Money, Financial Markets, and Economic Policy

Financial institutions; monetary policy; central banking and nongovernmental organizations; money and capital markets. **Prerequisites & Notes** PREQ: ECON 232 or ECON 300. Credits: (3)

ECON 304 - Econometrics

Evaluation of business indicators; techniques for analyzing current business conditions and forecasting changes in levels of national economic activity. **Prerequisites & Notes** PREQ: ECON 231 and QA 235 or MATH 170 Credits: (3)

ECON 305 - Public Finance

Governmental expenditures; sources of revenue, public credit, principles, and methods of taxation and financial administration; fiscal policy. **Prerequisites & Notes** PREQ: ECON 231. Credits: (3)

ECON 307 - Regional Economic Analysis

Regional structure and growth; location theory, interregional income theory, factor mobility; public policy for regional development. **Prerequisites & Notes** PREQ: ECON 231 or ECON 232 Credits: (3)

ECON 310 - Natural Resource Economics

Economic policy regarding renewable and nonrenewable resources; environmental and energy economics. **Prerequisites & Notes** PREQ: ECON 231 or ECON 232. Credits: (3)

ECON 389 - Cooperative Education in Economics

See Cooperative Education Program. Credits: (1 or 3, R15)

ECON 403 - Development of Economic Ideas

Ideas of the great economists; great debates in economics. **Prerequisites & Notes** PREQ: ECON 302 Credits: (3)

ECON 404 - Introductory Mathematical Economics

Functions, graphs, calculus, and systems of equations applied to economic analysis. **Prerequisites & Notes** PREQ: ECON 302 Credits: (3)

ECON 406 - International Economic Development

Institutional forces shaping economic development; developed and less-developed nations compared; population growth, capital formation, educational improvement. **Prerequisites & Notes** PREQ: ECON 232 or ECON 300 Credits: (3)

ECON 420 - Recreation, Sport, and Tourism Economics

Economic models, techniques, and applications related to recreation, sport, and tourism. **Prerequisites & Notes** PREQ: ECON 231 Credits: (3)

ECON 480 - Independent Research

Independent Research **Prerequisites & Notes** PREQ: Permission of department head. Credits: (3)

ECON 483 - Internship in Business Economics

Work experience in business economics. S/U grading. **Prerequisites & Notes** PREQ: Junior standing, 2.0 GPA, written application, permission of department head; minimum of 10 hours per week. Credits: (3, R9)

ECON 484 - Internship in Business Economics

Work experience in business economics. S/U grading. **Prerequisites & Notes** PREQ: Junior standing, 2.0 GPA, written application, permission of department head; minimum of 10 hours per week. Credits: (3, R9)

ECON 485 - Internship in Business Economics

Work experience in business economics. S/U grading. **Prerequisites & Notes** PREQ: Junior standing, 2.0 GPA, written application, permission of department head; minimum of 10 hours per week. Credits: (3, R9)

ECON 493 - Topics in Economics

Topics in Economics **Prerequisites & Notes** PREQ: Permission of department head. Credits: (1-3, R6)

ECON 607 - Managerial Economics

Managerial Economics Credits: (3)

ECON 608 - Business and Managerial Forecasting

Business and Managerial Forecasting Credits: (3)

ECON 609 - International Economics

International Economics Credits: (3)

ECON 682 - Research Project in Economics

Research Project in Economics Credits: (3, R6)

ECON 693 - Topics in Economics

Topics in Economics Credits: (1-3, R6)

Finance

FIN 195 - You and Your Money (First Year Seminar)

Develop life-long money management skills to achieve short and long-term goals. Topics include: establishing goals, setting priorities, budgeting, banking basics, saving, investing, insurance, managing debt, financing large purchases. Credits: (3)

FIN 210 - Managing your Money for Financial Success

An introduction to personal financial planning including goal setting, cash management, credit, insurance, housing, educational planning and financial institutions and markets. (P1) Credits: (3)

FIN 301 - Financial Statement Analysis

Short-term liquidity, cash flow from operations, funds flow, capital structure, long-term solvency, return on investment, asset utilization, and operating performance. *Co listed with ACCT 301.* **Prerequisites & Notes** PREQ: ACCT 275. Credits: (3)

FIN 305 - Financial Management

Financial analysis and planning; time-value of money; risk; leverage; capital acquisition, management and budgeting. **Prerequisites & Notes** PREQ: ACCT 161 or 251. Credits: (3)

FIN 335 - Financial Institutions

An introduction to the financial services industry: institutions, money, capital, and derivative instruments. **Prerequisites & Notes** PREQ: 305. Credits: (3)

FIN 350 - So You Want To Be A Millionaire

A multi-discipline approach to issues related to individual wealth accumulation and management. (P1) **Prerequisites & Notes** PREQ: Junior standing. Credits: (3)

FIN 389 - Cooperative Education in Finance

Cooperative Education in Finance **Prerequisites & Notes** PREQ: 2.0 GPA on courses in business. See Cooperative Education Program. Credits: (1or3, R15)

FIN 406 - Investment Strategies

Investments for individuals, institutions, and business; securities and securities markets. **Prerequisites & Notes** PREQ: 305. Credits: (3)

FIN 407 - International Finance

International financial environment, exchange rate behavior, exchange rate risk management, and multinational business asset and liability management. **Prerequisites & Notes** PREQ: 305. Credits: (3)

FIN 409 - Entrepreneurial Finance

Problems in cash management; financing small business; problems associated with new ventures. **Prerequisites & Notes** PREQ: 305, MGT 401. Credits: (3)

FIN 410 - Retirement Planning

Retirement planning; goals, strategies, implementation and employee benefits. **Prerequisites & Notes** PREQ: 305. Credits: (3)

FIN 440 - Bank Practice and Policy

Principles underlying the employment of bank funds' allocations of funds to asset classes; and changing bank practices. Credits: (3)

FIN 450 - Contemporary Managerial Finance

Performance measures including EVA and MVA. Working capital management and short-term financing, capital budgeting, break-even and leverage analysis, mergers and acquisitions. **Prerequisites & Notes** PREQ: 305. Credits: (3)

FIN 470 - Portfolio Management

A "hands on" course managing an all-equity portfolio; corporate, industry and market analysis. **Prerequisites & Notes** PREQ: 305 or permission of instructor. Credits: (3)

FIN 480 - Independent Research

Independent Research **Prerequisites & Notes** PREQ: Permission of department head. Credits: (3)

FIN 483 - Internship in Finance

Work experience in finance. S/U grading. **Prerequisites & Notes** PREQ: Junior standing, 2.0 GPA, written application, permission of department head, minimum of 10 hours per week. Credits: (3, R9)

FIN 484 - Internship in Finance

Work experience in finance. S/U grading. **Prerequisites & Notes** PREQ: Junior standing, 2.0 GPA, written application, permission of department head, minimum of 10 hours per week. Credits: (3, R9)

FIN 485 - Internship in Finance

Work experience in finance. S/U grading. **Prerequisites & Notes** PREQ: Junior standing, 2.0 GPA, written application, permission of department head, minimum of 10 hours per week. Credits: (3, R9)

FIN 493 - Topics in Finance

Topics in Finance **Prerequisites & Notes** PREQ: Permission of department head. Credits: (1-3, R6)

FIN 496 - Estate & Trust Planning

Integration of alternative investment instruments and opportunities, tax planning and strategies, retirement and estate planning, with computer software applications. **Prerequisites & Notes** PREQ: 305 and 406. Credits: (3)

FIN 499 - Case Studies in Financial Planning

Development of written, oral, and interpersonal communication skills and synthesis of knowledge through case studies. **Prerequisites & Notes** PREQ: FIN 310 and FIN 406 Credits: (3)

FIN 570 - Portfolio Management

Portfolio Management Credits: (3)

FIN 601 - Financial Management

Financial Management Credits: (3)

FIN 602 - Investment Analysis and Portfolio Management

Investment Analysis and Portfolio Management Credits: (3)

FIN 682 - Research Project in Finance

Research Project in Finance Credits: (3, R6)

FIN 693 - Topics in Finance

Topics in Finance Credits: (3, R6)

Business Administration/Law, and Sport Management

Office Info: 212 Forsyth Building/Main Campus (828) 227-3316 blsm@email.wcu.edu

Department Website

AJ Grube, Department Head Faculty/Staff Directory (search by department)

Business Administration

BA 133 - Strategy First

This course provides an introduction to the study of business strategy. Current events are used as a springboard to discuss important business issues. (P1) Credits: (3)

BA 293 - Topics in Business Administration

Topics in Business Administration **Prerequisites & Notes** PREQ: Permission of the dean. Credits: (1-6, R6)

BA 300 - Business Communications

Application of written, oral, and interpersonal communication theory in business. **Prerequisites & Notes** PREQ: ENGL 102. Credits: (3)

BA 301 - Competition Challenge Seminar

Prepares selected students to compete in discipline-specific intercollegiate business skills and knowledge competitions. (R3) Credits: (1)

BA 304 - Business Communications in a Multicultural Environment

Analyzing communication and messages in multicultural business environment. Global business communications, such as websites, will be examined through case studies, projects and contemporary issues. (P6) Credits: (3)

BA 393 - Topics in Business Administration

Topics in Business Administration **Prerequisites & Notes** PREQ: Permission of the dean. Credits: (1-6, R6)

BA 480 - Independent Research

Supervised, student-initiated research project. **Prerequisites & Notes** PREQ: Permission of department head. Credits: (3)

BA 493 - Topics in Business Administration

Topics in Business Administration **Prerequisites & Notes** PREQ: Permission of the dean. Credits: (1-6, R6)

BA 495 - Dispute Resolution Seminar

Advanced seminar on conflict resolution and dispute resolution. Students observe and mediate campus and community cases and train peer mediators for 10 hours per week. **Prerequisites & Notes** PREQ: 285. Credits: (3)

BA 589 - Cooperative Education Experience

Cooperative Education Experience Credits: (3)

BA 593 - Current Topics in Business Administration

Current Topics in Business Administration Credits: (1-3,)

BA 693 - Topics in Business Administration

Topics in Business Administration Credits: (3, R6)

BA 779 - Continuing Research, Non-Thesis Option

Continuing Research, Non-Thesis Option Credits: (1, R10) R4)

Business Law**LAW 105 - Introduction to Law**

Study of the relationship between the individual, law and society; structure of the system for dispute resolution in a legal and social context; role that law plays in a complex society. (P1) Credits: (3)

LAW 195 - Contemporary Legal Issues

The social change through the legal environment, legal institutions in various cultures, the impact on other social institutions, and the interpretation and analysis of interrelationships. Credits: (3)

LAW 201 - Individual Rights

Philosophical and historical aspects of individual rights, and interpretation of constitutional provisions as applied by courts in public, private and business situations. (P4) Credits: (3)

LAW 230 - Legal and Ethical Environment of Business

Social responsibility of business; ethics, legal concepts, and legislation and administrative decisions having an impact on business. Credits: (3)

LAW 275 - Business Associations

Agency, Unincorporated Business Associations, and Corporations. **Prerequisites & Notes** PREQ or COREQ: LAW 105 or LAW 230. Credits: (3)

LAW 285 - Mediation

Survey of conflict resolution theory and communication skills. Role plays and observation of mediations provide experience. Completion of course fulfills requirements for community mediators. Credits: (3)

LAW 302 - Legal Aspects of Managing Technology

Study of the relationship of law in the information age to a range of controversial issues regarding intellectual property rights, privacy, biotechnology, e-commerce and antitrust. Credits: (3)

LAW 303 - Marketing Law

A study of how law affects marketing activities and current marketing trends. Credits: (3)

LAW 306 - Women and the Law

The study of the legal history of issues relating to women; case-law and legal precedent; statutory and constitutional law; and current legal issues surrounding women. (P4) Credits: (3)

LAW 320 - International Business Law

Regulation of transnational business in the global environment by individual and international organizations. **Prerequisites & Notes** PREQ: LAW 230. Credits: (3)

LAW 331 - Contracts and Sales

Law of contracts, sales, and Uniform Commercial Code. **Prerequisites & Notes** PREQ: 230 or permission of instructor. Credits: (3)

LAW 389 - Cooperative Education in Business Law

See Cooperative Education Program. Credits: (1 or 3, R15)

LAW 393 - Topics in Business Law

Topics in business law. Credits: (1-3, R6)

LAW 402 - Hospitality Law

Legal issues and litigation affecting the hospitality industry. Credits: (3)

LAW 403 - Property and Estates

Legal aspects of buying and selling real estate, federal and state taxation, and estate planning and administration. Credits: (3)

LAW 406 - Media Law

Study of legal issues which affect the media: defamation, privacy rights, advertising regulation, indecent speech; broadcast programming; and press coverage of the administration of justice. (P1) Credits: (3)

LAW 410 - Dispute Resolution Strategies

Practicing advocacy, strategically planning for litigation, examining trial procedures. Credits: (3)

LAW 412 - Business Ethics and Corporate Responsibility

Ethical theory and decision making in the market, corporation as a moral agent, ethics as a component in strategic decision making, and government regulations and fiduciary obligations. (P4) Credits: (3)

LAW 420 - Risk Management and Liability in Sport

Liability associated with sports and the sport industry, including risk management systems and legal strategies to minimize liability. Credits: (3)

LAW 430 - Construction Contracts and Law

An overview of standard construction contracts traditionally used between contractors, owners, architects, and subcontractors from a general contractor point of view. **Prerequisites & Notes** PREQ: 230, senior standing or permission of instructor. Credits: (3)

LAW 440 - Labor and Employment Law

Legal aspects of industrial relations, arbitration, bargaining, strikes, and labor practices; employment dispute resolution and federal employment laws. Credits: (3)

LAW 475 - Legal Aspects of Business Administration and Professionalism

A capstone course involving a comprehensive study of legal considerations in developing and managing a business. **Prerequisites & Notes** PREQ: 230, 275, 331, senior standing or permission of department head. Credits: (3)

LAW 480 - Independent Research in Business Law

PREQ: Business law major, permission of department head. Minimum GPA of 3.2 and senior standing. Credits: (3)

LAW 483 - Internship in Business Law

Supervised experience in applications of previously studied theory. S/U grading. **Prerequisites & Notes** PREQ: Junior standing, 2.0 GPA, permission of department head. Minimum of 10 hours per week. Credits: (3)

LAW 484 - Internship in Business Law

Supervised experience in applications of previously studied theory. S/U grading. **Prerequisites & Notes** PREQ: Junior standing, 2.0 GPA, permission of department head. Minimum of 10 hours per week. Credits: (3)

LAW 485 - Internship in Business Law

Supervised experience in applications of previously studied theory. S/U grading. **Prerequisites & Notes** PREQ: Junior standing, 2.0 GPA, permission of department head. Minimum of 10 hours per week. Credits: (3)

LAW 496 - Estate and Trust Planning

Integration of alternative investment instruments and opportunities, tax planning and strategies, retirement and estate planning, with computer software applications. **Prerequisites & Notes** PREQ: FIN 305 Credits: (3)

LAW 630 - International Law

International Law Credits: (3)

LAW 640 - Public Accounting Regulatory Environment

Public Accounting Regulatory Environment Credits: (3)

LAW 693 - Topics in Business Law

Topics in Business Law Credits: (1-3, R6)

LAW 695 - Seminar in Business Law

Seminar in Business Law Credits: (3)

Sport Management

SM 260 - Introduction to Sport Management

Career opportunities, competencies, and management skills; overview of management functions and ethics; history of sport management. Credits: (3)

SM 315 - Introduction to Intramurals and Recreational Sport Management

Organization, administration, history, and theoretical concepts of intramurals and recreational sport management in the public school, college, and military settings. **Prerequisites & Notes** PREQ: Junior standing or permission of instructor. Credits: (3)

SM 330 - Aquatic Recreation Management

Organization, programming, facility design, and maintenance in various aquatic recreational environments. Course may lead to Certified Pool Operator certification. This course is cross-listed with PRM 330. Credits: (3)

SM 340 - Sport Ethics

Examination of ethical principles to sport-specific issues within the context of managing sport services. (P4) Credits: (3)

SM 361 - Sport Marketing

Historical study of sport marketing; techniques in developing sport sponsorship proposals and effective sport promotions; sport marketing applications. **Prerequisites & Notes** PREQ: MKT 201 for all students; SM 260 for sport management majors; junior standing. Credits: (3)

SM 380 - Independent Study

A topic in sport management agreed upon by student and instructor. **Prerequisites & Notes** PREQ: ENGL 102; permission of department head. Credits: (1-3, R3)

SM 383 - Apprenticeship

Apprenticeship to develop necessary skills before entering the required internship. 3 Lab. **Prerequisites & Notes** PREQ: Permission of department head. Credits: (1, R3)

SM 389 - Cooperative Education in Sport Management

Cooperative Education in Sport Management **Prerequisites & Notes** PREQ: Permission of instructor. See Cooperative Education Program. Credits: (1 or 3, R15)

SM 420 - Risk Management and Liability in Sport

Liability associated with sports and the sport industry, including risk management systems and legal strategies to minimize liability. Credits: (3)

SM 423 - Sociology of Sport

Social issues in sport examined from historical, cross-cultural, and sociological perspectives with attention to impact of race, gender, and social class on participation. This course is cross-listed with SOC 423. **Prerequisites & Notes** PREQ: Junior standing; SM 260 for SM majors. Credits: (3)

SM 435 - Sport Event Management and Sponsorship

Study of current trends and the management and marketing of sporting events and sport facilities. Basic terminology and building designs of sport facilities are also discussed. **Prerequisites & Notes** PREQ: Junior standing. Credits: (3)

SM 445 - Sport Administration

Current issues in sport administration. Credits: (3)

SM 460 - Financial Aspects of Sport

Financial considerations important to sport; budgeting, fundraising, and economic impact of sport events; historical aspects. **Prerequisites & Notes** PREQ: SM 260 and FIN 305 Credits: (3)

SM 461 - Sport Marketing

Historical study of sport marketing; techniques in developing sport sponsorship proposals and effective sport promotions; sport marketing applications. **Prerequisites & Notes** PREQ: SM 260 for sport management majors; junior standing. Credits: (3)

SM 484 - Internship in Sport Management

Experiences relating theory to practice in a specific area of sport management. **Prerequisites & Notes** PREQ: Permission of program coordinator or completion of all required coursework in the major; 2.5 cumulative grade point average,
Credits: (3-6)

SM 485 - Internship in Sport Management

Experiences relating theory to practice in a specific area of sport management. **Prerequisites & Notes** PREQ: Permission of program coordinator or completion of all required coursework in the major; 2.5 cumulative grade point average, Credits: (3-6)

SM 495 - Sport Management Strategy

Analysis of management, organizational structure, and strategic planning in sport organizations; current issues in sport management. **Prerequisites & Notes** PREQ: SM major; SM 260; senior standing. Credits: (3)

SM 620 - Sport Administration

Sport Administration Credits: 3

SM 623 - Philosophical Foundations of Sport

Philosophical Foundations of Sport Credits: 3

SM 630 - Economic and Financial Aspects of Sport

Economic and Financial Aspects of Sport Credits: 3

SM 640 - Sport Marketing

Sport Marketing Credits: 3

SM 650 - Event and Facility Management

Event and Facility Management Credits: 3

SM 660 - Sport Governance

Sport Governance Credits: 3

SM 670 - Media and Public Relations in Sport

Media and Public Relations in Sport Credits: 3

SM 683 - Practicum

Practicum Credits: 9

Global Management and Strategy

Office Info: 328 Forsyth Building/Main Campus (828) 227-3547 gms@email.wcu.edu

Department Website

Hollye Moss, Department Head Faculty/Staff Directory (search by department)

International Business

IBUS 301 - International Management

Managerial functions and skills applied to the international business environment. **Prerequisites & Notes** PREQ: MGT 300. Credits: (3)

IBUS 309 - International Trade

Trade patterns among nations; effects of trade on participant countries; tariffs and quotas; balance of payments, exchange rates, international monetary system. **Prerequisites & Notes** PREQ: ECON 231, 232 Credits: (3)

IBUS 401 - Information and Materials Exchange in International Business

Operations strategy as it relates to fundamentals of logistics, supply chain management, operations management, operations, and e-commerce in the global business environment. **Prerequisites & Notes** PREQ: MGT 300. Credits: (3)

IBUS 480 - Independent Research

Independent Research **Prerequisites & Notes** Three individual conferences. Credits: (3)

IBUS 483 - Internship in International Business

Ten hours per week of work. Credits: (3)

IBUS 484 - Internship in International Business

Ten hours per week of work. Credits: (3)

IBUS 485 - Internship in International Business

Ten hours per week of work. Credits: (3)

IBUS 488 - Study Abroad

Participation in WCU study abroad exchange program. Credits: (3-15, R30)

IBUS 493 - Topics in International Business

Permission of department head. Credits: (1-3, R6)

IBUS 693 - Topics in International Business

Topics in International Business Credits: (3, R6)

Management

MGT 300 - Introduction to Management

Principles, issues, and practices of managing in modern organizations. **Prerequisites & Notes** COREQ: HM 430 for HM majors. Credits: (3)

MGT 302 - Labor-Management Relations

Critical roles of labor unions; legislative bodies and government regulations; negotiation of collective bargaining agreements and dispute resolution. **Prerequisites & Notes** PREQ: 300. Credits: (3)

MGT 304 - Human Resource Management

Staffing, training, evaluating, and rewarding employees; developing and implementing effective personnel programs.

Prerequisites & Notes PREQ: 300. Credits: (3)

MGT 306 - Behavioral Science in Organizations

Examination of individual and collective human behavior in organizations. **Prerequisites & Notes** PREQ: 300. Credits: (3)

MGT 320 - E-Management: The Internet's Impact

Exploration of the effect of the Internet and new technology on productivity and management; case studies of how established companies are developing their e-business strategies. Credits: (3)

MGT 366 - Successful Supervision

Managerial skills, effective supervisory practices, and leadership approaches for entry-level managers. **Prerequisites & Notes** PREQ: MGT 300 Credits: (3)

MGT 367 - Introduction to Project Management in Practice

An introduction to project management competencies required by contemporary global organizations. **Prerequisites & Notes** PREQ: MGT 300 Credits: (3)

MGT 389 - Cooperative Education in Management

See Cooperative Education Program. Credits: (1 or 3, R15)

MGT 401 - Small Business Management

Operations and strategies of small firms; integration of functional areas; economic, social, political, technological, and governmental factors. **Prerequisites & Notes** PREQ: 300 or permission of instructor. Credits: (3)

MGT 402 - Production and Operations Management

Management processes for the creation of products and services; analytical techniques and controls. **Prerequisites & Notes** PREQ: 300. Credits: (3)

MGT 404 - Strategic Management

Capstone course integrating all aspects of the business core curriculum using case method, term projects, and/or computer simulations. **Prerequisites & Notes** PREQ: BSBA core courses and senior standing Credits: (3)

MGT 405 - Compensation Management

Design of compensation systems based on economic, behavioral science, and public policy models. **Prerequisites & Notes** PREQ: 304. Credits: (3)

MGT 407 - Interpersonal Behavior

Managerial interpersonal relationships, listening behavior, self-awareness. **Prerequisites & Notes** PREQ: 300. Credits: (3)

MGT 480 - Independent Research

Supervised, student-initiated research project. **Prerequisites & Notes** PREQ: Permission of department head. Credits: (3)

MGT 483 - Internship in Management

Supervised work or research in applications of previously studied theory. S/U grading. Minimum of 10 hours per week. **Prerequisites & Notes** PREQ: Junior standing, 2.0 GPA, written application, permission of department head. Credits: (3)

MGT 484 - Internship in Management

Supervised work or research in applications of previously studied theory. S/U grading. Minimum of 10 hours per week. **Prerequisites & Notes** PREQ: Junior standing, 2.0 GPA, written application, permission of department head. Credits: (3)

MGT 485 - Internship in Management

Supervised work or research in applications of previously studied theory. S/U grading. Minimum of 10 hours per week. **Prerequisites & Notes** PREQ: Junior standing, 2.0 GPA, written application, permission of department head. Credits: (3)

MGT 493 - Topics in Management

Topics in Management **Prerequisites & Notes** PREQ: Permission of department head. Credits: (1-3, R6)

MGT 495 - Seminar in Management

Integration of management concepts; development of management knowledge and skills; preparation for the professional world of work. **Prerequisites & Notes** PREQ or COREQ: MGT 400, MGT 402 and MGT 404. Credits: (3)

MGT 605 - Organizational Behavior and Analysis

Organizational Behavior and Analysis Credits: (3)

MGT 607 - Strategic Management

Strategic Management Credits: (3)

MGT 608 - Human Resource Administration

Human Resource Administration Credits: (3)

MGT 609 - The Collective Bargaining Process

The Collective Bargaining Process Credits: (3)

MGT 610 - Leadership Practice and Development

Leadership Practice and Development Credits: 3

MGT 611 - Production and Operations Management

Production and Operations Management Credits: (3)

MGT 613 - Management of International Operations

Management of International Operations Credits: (3)

MGT 614 - Managerial Career Development

Managerial Career Development Credits: (3)

MGT 615 - Supply Chain Management

Supply Chain Management Credits: (3)

MGT 682 - Research Project in Management

Research Project in Management Credits: (3, R6)

MGT 693 - Topics in Management

Topics in Management Credits: (3, R6)

Master of Business Administration

MBA 500 - Accounting and Finance for Management Analysis

Accounting and Finance for Management Analysis Credits: (3)

MBA 505 - Economics and Public Policy

Economics and Public Policy Credits: (3)

MBA 510 - Statistical Analysis for Business

Statistical Analysis for Business Credits: (2)

MBA 515 - Foundations of Management

Foundations of Management Credits: (1)

MBA 520 - Foundations of Marketing

Foundations of Marketing Credits: (1)

MBA 525 - Social, Political, and Legal Environment for Business

Social, Political, and Legal Environment for Business Credits: (2)

MBA 620 - Small Business Consulting

Small Business Consulting Credits: (3)

MBA 683 - MBA Internship

MBA Internship Credits: (3)

MBA 695 - MBA Seminar

MBA Seminar Credits: (1-3, R6)

Project Management

PM 500 - Tools for Financial Management

Tools for Financial Management Credits: (2)

PM 505 - Introductory Statistics and Microeconomics

Introductory Statistics and Microeconomics Credits: (2)

PM 515 - Legal and Ethical Issues

Legal and Ethical Issues Credits: (2)

PM 650 - Fundamentals of Project Management

An overview of the project management discipline, project phases, and knowledge areas; the strategic context of projects. Introduction to project management tools and techniques. Credits: (6)

PM 652 - Project Plan Development

Project Plan Development Credits: (6)

PM 654 - Project Plan Analysis and Approval

Project Plan Analysis and Approval Credits: (6)

PM 656 - Project Implementation: Policies and Procedures

Project Implementation: Policies and Procedures Credits: (6)

PM 658 - Project Implementation: Monitoring and Production

Project Implementation: Monitoring and Production Credits: (6)

PM 660 - Project Completion and Professional Evolution

Project Completion and Professional Evolution Credits: (6)

Project Management Certificate

PMC 610 - Project Planning and Estimating

Identification of a project for authorization and development of the initial plans for the project including estimating techniques and estimating models. Credits: (3)

PMC 620 - Project Schedule, Risk, and Contracts

Schedule development, modifications and cost schedule interrelations, and use of contracts. Credits: (3)

PMC 630 - Project Teams: Tools and Techniques for Global Collaboration

Project Teams: Tools and Techniques for Global Collaboration Credits: (3)

PMC 640 - The Art and Science of Project Planning

The Art and Science of Project Planning Credits: (3)

Quantitative Analysis

QA 235 - Business Statistics

An introduction to managerial decision-making based on data summaries, basic data analysis evaluation, and interpretation. Credits: (3)

QA 305 - Introduction to Management Science

An applied approach to decision making using both qualitative and quantitative data. Basic analytical tools and methods are introduced. **Prerequisites & Notes** PREQ: MATH 170 or QA 235. Credits: (3)

QA 606 - Quantitative Analysis for Business I

Quantitative Analysis for Business I Credits: (3)

Entrepreneurship, Hospitality, Sales, and Marketing

Office Info 225 Forsyth Building/Main Campus (828) 227-3504 ehsm@email.wcu.edu

Department Website

Bob Carton, Department Head Faculty/Staff Directory (search by department)

Entrepreneurship

ENT 195 - Social Entrepreneurship: Creating Innovative Solutions to Social Problems

Introduces students to the concept of social entrepreneurship as a mechanism for individuals to develop innovative solutions to society's most pressing problems. Credits: (3)

ENT 201 - Introduction to Entrepreneurship

Introduction to the principles of starting and operating an entrepreneurial venture. Credits: (3)

ENT 250 - Innovation and Creativity

Developing and enhancing individual and organizational creativity and innovation. Credits: (3)

ENT 293 - Topics in Entrepreneurship

Topics in Entrepreneurship Credits: (1-6, R6)

ENT 301 - New Venture Leadership

Developing, enhancing, and maintaining leadership in a successful entrepreneurial venture. Credits: (3)

ENT 325 - New Venture Creation

Planning and executing the creation of a successful entrepreneurial venture. Credits: (3)

ENT 350 - New Venture Growth

Instituting and expanding a successful entrepreneurial venture. Credits: (3)

ENT 389 - Cooperative Education

Cooperative Education **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1-3, R6)

ENT 401 - Entrepreneurial Funding

Introduction to the concepts of capital formation, cash management, capital management, financial reporting and financial analysis for any student seeking to fund a new venture. Credits: (3)

ENT 450 - New Venture Strategy

Operating and developing a successful entrepreneurial venture in a competitive environment. **Prerequisites & Notes** PREQ.: ENT 301 and ENT 325 Credits: (3)

ENT 475 - Entrepreneurial Consulting

The study of entrepreneurship as a driver of economic activity. **Prerequisites & Notes** PREQ: ENT 301 and ENT 325. Credits: (3)

ENT 482 - Independent Study

Independent Study **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1-3, R6)

ENT 483 - Internship

Internship **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1-3, R6)

ENT 493 - Topics in Entrepreneurship

Topics in Entrepreneurship **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1-6, R9)

ENT 601 - Entrepreneurial Innovation I

Entrepreneurial Innovation I Credits: (3)

ENT 610 - Entrepreneurial Creation

Entrepreneurial Creation Credits: (3)

ENT 620 - Entrepreneurial Planning

Entrepreneurial Planning Credits: (3)

ENT 625 - Entrepreneurial Development

Entrepreneurial Development Credits: 3

ENT 630 - Entrepreneurial Growth

Entrepreneurial Growth Credits: (3)

ENT 640 - Entrepreneurial Funding

Entrepreneurial Funding Credits: (3)

ENT 650 - Mezzanine Funding

Mezzanine Funding Credits: (3)

ENT 660 - Entrepreneurial Leadership

Entrepreneurial Leadership Credits: (3)

ENT 670 - Entrepreneurial Strategy

Entrepreneurial Strategy Credits: (3)

ENT 675 - Entrepreneurial Research

Entrepreneurial Research Credits: (3)

ENT 682 - Independent Study

Independent Study Credits: (1-3, R6)

ENT 693 - Topics in Entrepreneurship

Topics in Entrepreneurship Credits: (1-6, R9)

Hospitality and Tourism

HT 130 - The Hospitality and Tourism Services Industry

Survey of industry segments including tourism, restaurants, hotels, clubs, conventions, casinos, and cruise line operations with emphasis on career opportunities. Credits: (3)

HT 229 - Hotel Front Office Operations

Study of front office procedures from reservations through checkout including night audit and property management systems and their impact on other lodging operations. Credits: (3)

HT 231 - Hospitality Facilities Management

Management of facility operations including planning and design, facility systems, housekeeping, environmental, safety and security issues, and resource management. Credits: (3)

HT 232 - Quality Service

Practical skills and knowledge for effective management of food service operations with emphasis on time management, food service protocol, interactions with guests, guest expectations, and decor. Credits: (3)

HT 233 - Quantity Foods

Through demonstration, lecture and laboratory experience, participants develop skills in food preparation, recipe usage, commercial food costing and production control. 2 Lecture, 2 Lab. Credits: (3)

HT 238 - Travel & Tourism

An examination of tourism from a social science perspective using a cross-disciplinary approach. Emphasis on global factors and the impact of tourism on various societies. Credits: (3)

HT 239 - Cost Control in the Hospitality and Tourism Industry

Theories and techniques of controlling costs of food and beverage, and labor cost in hotels and restaurants; analysis and evaluation of financial performance of the settings. **Prerequisites & Notes** PREQ: ACCT 161 or 251. Credits: (3)

HT 241 - Special Events and Festival Management

This course will introduce students to special events and festival management. Examination of techniques and methods used to plan, organize, promote, and manage special events and festivals. Credits: (3)

HT 293 - Topics

Topics Credits: (1-3, R12)

HT 334 - Restaurant Management

Functions of management as applied to commercial food service systems. Emphasis on menu development, procurement, production and service. Credits: (3)

HT 335 - Lodging and Resort Management

Study of hotels, resorts, timeshares, condominiums, and other lodging facilities. Emphasis on organizational structure, divisional operations, and management responsibilities. Credits: (3)

HT 336 - Club Management

Organization, administration and operation of the private club industry with emphasis on club manager responsibilities and the unique sensitivities that contribute to member satisfaction. Credits: (3)

HT 337 - Meeting, Convention, and Event Planning

Scope and segmentation of meetings, conventions, and special events, including marketing, sales strategies, negotiations, contracts, and techniques used to meet market needs. Credits: (3)

HT 389 - Cooperative Education

See Cooperative Education Program. Credits: (1 or 3, R15)

HT 431 - Hospitality and Tourism Marketing

A service management approach to the study of hospitality and tourism. Marketing is viewed as an activity that pervades all hospitality decisions and actions. Credits: (3)

HT 432 - Hospitality Supervision

Principles and practices of supervision as they apply specifically to meeting the unique labor and service challenges of the hospitality industry. Includes CPR certification. Credits: (3)

HT 434 - Advanced Club Management

In-depth study of the club manager's leadership role and responsibilities in operating a successful private club.
Prerequisites & Notes PREQ: 336. Credits: (3)

HT 436 - Tourism Planning and Development

A comprehensive integrated approach to the issues associated with tourism planning, policy making, and development. Case studies will be utilized. Credits: (3)

HT 437 - Bar and Beverage Operations

Principles and practices of the production, selection, purchasing, storage, and service of beverage alcohol. Emphasis on legal and social responsibility issues. (Minimum age 21). Credits: (3)

HT 438 - Strategic Management in the Hospitality and Tourism Industry

Personal and career development, ethics and the integration of knowledge with related fields. A senior project will be required. **Prerequisites & Notes** PREQ: Senior status. Credits: (3)

HT 465 - International Studies in Hospitality & Tourism

Exploration of the international hospitality and tourism industry through research and on-site examination. Credits: (6)

HT 477 - Casino Management

History, development and management of casinos and gaming. Investigates the economics, moral and cultural issues of gaming. Field trip required. Enrolled students must be at least 21 years old. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (3)

HT 480 - Independent Study

Independent Study Credits: (1-3, R6)

HT 483 - Internship

Integration of theory and practice in a setting appropriate to the student's career field. S/U grading. 9 hours per week per course. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (3)

HT 484 - Internship

Integration of theory and practice in a setting appropriate to the student's career field. S/U grading. 9 hours per week per course. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (3)

HT 485 - Internship

Integration of theory and practice in a setting appropriate to the student's career field. S/U grading. 9 hours per week per course. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (3)

HT 493 - Topics

Topics Credits: (1-12)

Marketing

MKT 134 - Small Group Communication and Sales Skills

Current behavioral theory and research in the areas of small group communications and selling skills which are essential to managers in organizations. Credits: (3)

MKT 195 - Facebook Generation Marketing

Explores how Internet and online social networking changed purchasing decisions with a focus on aligning organizational and communication strategies with current and emerging communication technologies. Credits: (3)

MKT 201 - Marketing Planning and Strategy

This course presents the process of planning and executing a marketing strategy that satisfies consumer and organizational objectives. Credits: (3)

MKT 206 - Introduction to Professional Selling

Sales persuasion skills, theories, and principles; simulated selling situations. Credits: (3)

MKT 211 - Marketing Principles (for non-marketing majors)

This course provides a survey of key issues in marketing. Credit for course not applicable to hours required for graduation for students majoring in marketing. Credits: (3)

MKT 302 - Integrated Marketing Communications Strategy

An understanding of the communications process. Research methods for audience identification. Gathering, analyzing data to understand customer responses. **Prerequisites & Notes** PREQ: 201 or 211. Credits: (3)

MKT 303 - Marketing Research

The role of marketing research in making business decisions including defining a marketing problem and opportunity, interpreting data, understanding the revenue model, and making recommendations. Credits: (3)

MKT 304 - Consumer Behavior

Examines psychological and sociological factors that influence consumption and decision making. Studies practical implications of consumer attitudes and behavior. **Prerequisites & Notes** PREQ: 201 or 211. Credits: (3)

MKT 310 - Consultative Selling

Building long-term customer relationships through consultative selling, delivering customer value, and satisfying customer needs. **Prerequisites & Notes** PREQ: 206 or permission of instructor. Credits: (3)

MKT 389 - Cooperative Education in Marketing

See Cooperative Education Program. Credits: (1 or 3, R15)

MKT 403 - Advertising Management

Planning and production of a professional advertising campaign. **Prerequisites & Notes** PREQ: 201 or 211. Credits: (3)

MKT 404 - Retailing Management

Retailing organization and management, including: store location, merchandise management, expense analysis and control, and current issues and trends. Credits: (3)

MKT 405 - Business and Organizational Marketing

Strategic implications of marketing high volume, cost, or technological products to organizations. Focuses on needs and processes of businesses and inter-firm dynamics. Credits: (3)

MKT 406 - E-Marketing Channels

Theory and concepts in e-marketing channel management; including emerging technology areas such as a Social Network Marketing and Digital Media Marketing. Students will have the flexibility to concentrate on topics of interest. **Prerequisites & Notes** PREQ: 201. Credits: (3)

MKT 407 - Global Marketing

The importance of global marketing to the U. S. economy; problems, opportunities and practices of managing multinational activities; characteristics and structure of international markets. **Prerequisites & Notes** PREQ: 201 or 211. Credits: (3)

MKT 409 - Negotiations/Relationship Marketing

Focuses on the evolution of relationship marketing, interpersonal and group relationship development, and negotiation skills. (P1) Credits: (3)

MKT 410 - Sales Management and Negotiation

Managing sales people through applications oriented assignments focusing on territory design, salesperson motivation, and quota attainment. Credits: (3)

MKT 475 - Applications of Marketing

This course begins with a brief review of strategic marketing analysis, then focuses on applied marketing activities. It is designed to provide students with real world experience in marketing. **Prerequisites & Notes** PREQ: MKT 201, MKT 304, and either MKT 302 or MKT 406. Credits: (3)

MKT 482 - Independent Study

Supervised, student-initiated project. **Prerequisites & Notes** PREQ: Marketing major, MKT 475, senior standing, minimum GPA of 3.25, permission of instructor and department head. Credits: (3)

MKT 483 - Internship in Marketing

Supervised experience in applications of previously studied theory. S/U grading. Minimum of 10 hours per week. **Prerequisites & Notes** PREQ: Junior standing, 2.0 GPA, written application, permission of department head. Credits: (3)

MKT 493 - Topics in Marketing

Topics in Marketing Credits: (1-3, R12)

MKT 601 - Marketing Management

Marketing Management Credits: (3)

MKT 602 - Marketing Research

Marketing Research Credits: (3)

MKT 603 - Consumer Behavior

Consumer Behavior Credits: (3)

MKT 604 - Marketing Communications

Marketing Communications Credits: (3)

MKT 682 - Research Project in Marketing

Research Project in Marketing Credits: (3, R6)

MKT 693 - Topics in Marketing

Topics in Marketing Credits: (3, R6)

Human Services

Office info 234 Killian Building/Main Campus (828) 227-7310 hsl@email.wcu.edu

Department Website

Dale Brotherton, Department Head Faculty/Staff Directory (search by department)

Birth-Kindergarten

BK 250 - Introduction to Birth-Kindergarten

Introduction to the Birth-Kindergarten major and profession. 2 Lecture, 1 Lab. **Prerequisites & Notes** PREQ: GPA 2.75, admission to Teacher Education. Credits: (3)

BK 260 - Foundations of Child Study

Emphasis will be on child study from a cultural and historical perspective. The study of early childhood models from a philosophical viewpoint will be explored. **Prerequisites & Notes** PREQ: GPA 2.75 or higher. Credits: (3)

BK 312 - Kindergarten Curriculum

Overview of methods for kindergarten curriculum for typical and atypical children in the public school environment. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: GPA 2.75, Admission to Teacher Education. Credits: (3)

BK 313 - Literacy and Numeracy

A study of emergent literacy and numeracy in young children from a developmental and constructivist perspective. Includes regular observation and data collection. **Prerequisites & Notes** PREQ: Admission to program. Credits: (3)

BK 315 - Early Childhood Literacy, Birth-5

A study of emergent literacy in young children from a developmental and constructivist perspective. Includes regular observation and data collection. **Prerequisites & Notes** PREQ: Admission to program. GPA 2.75 Credits: (3)

BK 316 - Mathematics and Science

A study of the development of young children's understanding of numeracy and scientific concepts from a constructivist perspective. Includes regular observation and data collection. **Prerequisites & Notes** PREQ: GPA of 2.75, admission to Teacher Education. Credits: (3)

BK 361 - Environments for Young Children

The physical, emotional, and social environment suitable for young children; room arrangement, scheduling, space utilization, and teacher-child interaction. **Prerequisites & Notes** PREQ: GPA 2.75 or higher. Credits: (3)

BK 363 - Child Development

Physical, emotional, social, and mental development from birth through middle childhood. 2 Lecture, 2 Lab.

Prerequisites & Notes PREQ: GPA 2.75 or higher. Credits: (3)

BK 366 - Infant Development and Curriculum

Dynamics of infant development and curriculum for both typical children and children with, or at risk, for disabilities. 2 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: GPA 2.75. Credits: (3)

BK 414 - Theory and Practice in Early Childhood Administration

Policies, procedures, and responsibilities for administration of early childhood education programs. **Prerequisites & Notes** PREQ: GPA 2.75 Credits: (3)

BK 457 - Action Research

Development, implementation, and evaluation of action research addressing an issue or trend in early childhood education. Early Childhood Concentration only. **Prerequisites & Notes** PREQ: GPA of 2.75, liberal studies completed. Credits: (9)

BK 458 - Action Research II

Development, implementation, and evaluation of action research addressing an issue or trend in early childhood education. Early Childhood Concentration only. **Prerequisites & Notes** PREQ: GPA of 2.75, BK 457 Credits: (9)

BK 462 - Adult-Child Interaction

Various cultural paradigms influencing behavior of adults regarding children's discipline. Facilitation of self-management through nonverbal and verbal communication, and the dimensions of play. **Prerequisites & Notes** PREQ: GPA 2.75 or higher. Credits: (3)

BK 463 - Computer Applications for Early Childhood Professionals

The advancement of basic technology and multimedia for developing an electronic content/technology portfolio.

Prerequisites & Notes Student must have a GPA of 2.5 or higher to take this course. Credits: (3)

BK 465 - Portfolio Development and Assessment

Documentation of artifacts illustrating BK knowledge and pedagogical expertise as required by the BK state program of study. Credits: (3, R6)

BK 470 - Early Childhood Curriculum

Materials, environments, and interactions for 2-5 year olds in all curricular areas including thinking and social problem-solving for children with and without disabilities. This course is cross-listed with EDEL and SPED 470. 2 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: GPA 2.75 or higher. Credits: (3)

BK 473 - Early Childhood Assessment for Responsive Instruction

Exploration of the development needs of the early childhood learner and the assessment techniques teachers utilize in the development of responsive instruction. Field experience and subscription to TaskStream© required. **Prerequisites & Notes** PREQ: Teacher Education and GPA 2.75. Credits: (3)

BK 480 - Independent Study

Independent Study **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1-3, R6)

BK 482 - Internship I

Observing, planning, teaching, and evaluating young children with and without disabilities in a variety of settings. 2 days a week (6 credit hours) **Prerequisites & Notes** PREQ: GPA of 2.75. Admitted to Teacher Education. Credits: (6)

BK 483 - Internship

Observing, planning, teaching, and evaluating young children with and without disabilities in a variety of settings. 5 days/week, full-time. **Prerequisites & Notes** PREQ: GPA 2.75 Admitted to Teacher Ed., liberal studies completed. COREQ: BK 496 Credits: (10, R20)

BK 488 - Internship II

Observing, planning, teaching, and evaluating young children with and without disabilities in a variety of settings. This course is cross-listed with EDEL 488. Credits: (9)

BK 493 - Special Topics

Current topics in birth-kindergarten development and curriculum. Credits: (1-3, R6)

BK 496 - Internship Seminar

The interrelationships of theory and practice in the context of experience. **Prerequisites & Notes** PREQ: Admitted to Teacher Ed., Liberal Studies Completed
COREQ: BK 483 Credits: (2, R4)

BK 513 - Literacy

Literacy Credits: (3)

BK 514 - Numeracy

Numeracy Credits: (3)

BK 566 - Infant Development

Infant Development Credits: (3)

BK 570 - Advanced Early Childhood Curriculum

Advanced Early Childhood Curriculum Credits: (3)

BK 588 - Internship/Field Experiences

Internship/Field Experiences Credits: (3)

BK 603 - Current Family Theory and Research

Current Family Theory and Research Credits: (3)

BK 607 - Action Research in Early Childhood

Action Research in Early Childhood Credits: (3)

Communication Sciences and Disorders

CSD 594 - Topics in Communication Disorders

Topics in Communication Disorders Credits: (1-3, R6)

Counseling

COUN 140 - Study Techniques for College

Study techniques and skills, motivation for learning, use of the library, reading improvement laboratory. 1 Lecture, 1 Lab. Credits: (1)

COUN 150 - Career and Major Exploration

Theory and practice of career, major and self-exploration. Credits: (1)

COUN 230 - Introduction to Peer Tutoring

Theory, practice, and procedures in beginning tutoring; includes standards of conduct, communication skills, analytical thinking, professional ethics, and timesheet documentation. **Prerequisites & Notes** PREQ: Obtain permission from appropriate Academic Success Center Director. COREQ: Twenty-five (25) hours of actual tutoring time. Credits: (1)

COUN 310 - Family Systems

Family organization and function, including intimacy, parenting, communication and conflict negotiation, as well as the interaction of family and economics, government, and ethnicity. Credits: (3)

COUN 325 - Survey of Human Development

The life span, prenatal through death; the social, emotional, cognitive, moral, and physical characteristics of each stage. Credits: (3)

COUN 330 - Advanced Leadership and Development for Tutors

Theory, practice, and procedures in advanced peer tutoring; includes characteristics of learning styles, cultural awareness and intercultural communication, self-evaluation and reflection. **Prerequisites & Notes** PREQ: COUN 230; obtain permission from appropriate Academic Success Center Director. COREQ: Twenty-five (25) hours of actual tutoring time. Credits: (1)

COUN 430 - Individual and Group Counseling

Principles and techniques of individual and group counseling, communication techniques, and participation in role playing and group processes. Credits: (3)

COUN 440 - Leadership and Advocacy

Leadership and advocacy within agency and educational settings. Credits: (3)

COUN 450 - Career Development and Guidance

History of vocational guidance; theories of vocational choice; development of vocational maturity; interests, aptitudes, and other factors in vocational development. Credits: (3)

COUN 600 - Individual and Group Helping Skills

Individual and Group Helping Skills Credits: (3)

COUN 601 - Professional Orientation

Professional Orientation Credits: (1)

COUN 602 - Professional and Ethical Issues in Counseling

Professional and Ethical Issues in Counseling Credits: (3)

COUN 605 - The Helping Relationship

The Helping Relationship Credits: (3)

COUN 610 - Family Counseling

Family Counseling Credits: (3)

COUN 611 - Couples Counseling

Couples Counseling Credits: 3

COUN 615 - Multicultural Counseling

Multicultural Counseling Credits: (3)

COUN 617 - Substance Abuse Counseling

Substance Abuse Counseling Credits: (3)

COUN 620 - Counseling Children and Adolescents

Counseling Children and Adolescents Credits: (3)

COUN 623 - Introduction to Community Counseling

Introduction to Community Counseling Credits: (3)

COUN 624 - Community Counseling Grant Writing and Program Management

Community Counseling Grant Writing and Program Management Credits: (3)

COUN 625 - Counseling: Developmental Perspectives

Counseling: Developmental Perspectives Credits: (3)

COUN 630 - Theories of Counseling

Theories of Counseling Credits: (2)

COUN 631 - Techniques of Individual Counseling

Techniques of Individual Counseling Credits: (1)

COUN 633 - Crisis Intervention Counseling

Crisis Intervention Counseling Credits: (3)

COUN 635 - Group Methods in Counseling

Group Methods in Counseling Credits: (3)

COUN 637 - Creative and Expressive Arts in Counseling

Creative and Expressive Arts in Counseling Credits: 3

COUN 640 - Measurement and Appraisal in Counseling

Measurement and Appraisal in Counseling Credits: (3)

COUN 645 - Consultation and Collaboration

Consultation and Collaboration Credits: (3)

COUN 650 - Career Development

Career Development Credits: (3)

COUN 655 - Career Counseling

Career Counseling Credits: (3)

COUN 660 - School Counseling Program Development

School Counseling Program Development Credits: (3)

COUN 665 - Implementing School Counseling Program

Implementing School Counseling Program Credits: (3)

COUN 667 - The DSM and Effective Treatment Planning in Counseling

The DSM and Effective Treatment Planning in Counseling Credits: (3)

COUN 670 - Research in Counseling

Research in Counseling Credits: (3)

COUN 677 - Spirituality in Counseling

Spirituality in Counseling Credits: 3

COUN 680 - Independent Study in Counseling

Independent Study in Counseling Credits: (3)

COUN 686 - Practicum in Counseling

Practicum in Counseling Credits: (3)

COUN 687 - Internship in Counseling

Internship in Counseling Credits: (3, R6)

COUN 695 - Seminar in Counseling

Seminar in Counseling Credits: (3)

COUN 779 - Continuing Research—Non-Thesis Option

Continuing Research—Non-Thesis Option Credits: (1, R10)

COUN 784 - Internship in Counseling

Internship in Counseling Credits: (3)

COUN 799 - Continuing Research - Thesis Option

Continuing Research - Thesis Option Credits: (2, R24)

Curriculum and Instruction

EDCI 191 - Teachers, Schools, and Society

An interdisciplinary examination of the ways in which public policy debates about schooling reflect ideological differences in American society. Credits: (3)

EDCI 200 - Seminar in Leadership Development

Leadership development through seminars with university and public-school professionals, field trips, and service projects. S/U grading. **Prerequisites & Notes** PREQ: Admission to the North Carolina Teaching Fellows program. Credits: (1, R4)

EDCI 201 - Teacher Leadership in a Diverse Society

Developing a vision for teaching, learning and leading in the 21st Century school; understanding the philosophical, historical, cultural and social framework of schooling. Field experience and subscription to TaskStream© required. Credits: (3)

EDCI 231 - Historical, Social, and Philosophical Foundations of Education

Survey of historical, sociological, and philosophical aspects of education and current influences, including diversity and technology. Introduction to teacher education conceptual framework. Field experience required. Credits: (3)

EDCI 300 - Seminar in Teaching and Research

Leadership development through seminars, projects with mentors, and independent study. S/U grading. **Prerequisites & Notes** PREQ: Admission to the North Carolina Teaching Fellows program and to the professional education sequence. Credits: (1, R3)

EDCI 404 - Curricular Trends and Issues in Education

Explores newest curricular methods, topics, and issues; and relates these to the work of Jamaican teachers. Credits: (3)

EDCI 413 - Teacher Leadership in Jamaica

This course compares the leadership responsibilities of Jamaican teachers with those of teachers in America. Credits: (3)

EDCI 480 - Reading and Research in Education

Reading and Research in Education **Prerequisites & Notes** PREQ: Permission of department head. Credits: (3)

EDCI 503 - Social Studies in the Secondary School

Social Studies in the Secondary School Credits: (3)

EDCI 603 - Comparative Education

Comparative Education Credits: (3)

EDCI 604 - Curriculum Development

Curriculum Development Credits: (3)

EDCI 605 - Foundations of Modern Education

Foundations of Modern Education Credits: (3)

EDCI 613 - The Teacher Leader

The Teacher Leader Credits: (3)

EDCI 615 - Philosophy, History, and Sociology of Education

Philosophy, History, and Sociology of Education Credits: (3)

EDCI 616 - Advanced Studies in Teacher Leadership

Interdisciplinary study of teacher leadership within historical, social, cultural and philosophical context of diverse communities. **Prerequisites & Notes** PREQ: Completion of at least 18 hours of graduate coursework in the program. Credits: (3)

EDCI 617 - Methods and Practices for Teaching in Content Areas

Methods and Practices for Teaching in Content Areas Credits: (3)

EDCI 689 - Internship in Secondary Education & Special Subjects Areas

Internship in Secondary Education & Special Subjects Areas Credits: (3, 6, or 9, R12)

EDCI 695 - Seminar in Reflective Practice in Teaching

Seminar in Reflective Practice in Teaching Credits: (3)

EDCI 700 - Philosophy of Education

Philosophy of Education Credits: (3)

EDCI 702 - Research Seminar in Curriculum

Research Seminar in Curriculum Credits: (3)

EDCI 779 - Continuing Research—Non-Thesis Option

Continuing Research—Non-Thesis Option Credits: (1, R10)

EDCI 793 - Topics in Education

Topics in Education Credits: (1, R3)

EDCI 796 - Research Seminar in Curriculum & Instruction

Research Seminar in Curriculum & Instruction Credits: (3)

EDCI 799 - Continuing Research—Thesis Option

Continuing Research—Thesis Option Credits: (2, R24)

EDCI 800 - Research in Rural Education

Research in Rural Education Credits: (3)

EDCI 805 - Advanced Studies in the Foundations of Educ.

Advanced Studies in the Foundations of Educ. Credits: (3)

EDCI 807 - Cognitive Issues in Curriculum and Instruction

Cognitive Issues in Curriculum and Instruction Credits: (3)

EDCI 808 - Advanced Studies in Teaching Methods

Advanced Studies in Teaching Methods Credits: (3)

EDCI 809 - Current Literature in the Leadership of Curriculum and Instruction

Current Literature in the Leadership of Curriculum and Instruction Credits: (3)

EDCI 811 - Curriculum Theory

Curriculum Theory Credits: (3)

Educational Leadership

EDL 600 - Applied Experiences in School Leadership

Applied Experiences in School Leadership Credits: (1-6, R12)

EDL 601 - Ethical School Leadership

Ethical School Leadership Credits: (1-3, R12)

EDL 602 - Leading School Culture

Leading School Culture Credits: (1-3, R12)

EDL 603 - Leadership for Student Learning

Leadership for Student Learning Credits: (1-3, R12)

EDL 604 - Exploration and research of school leadership

Exploration and research of school leadership Credits: (1-3, R12)

EDL 611 - Managing Educational Organizations

Managing Educational Organizations Credits: (3)

EDL 612 - School-based Curriculum and Instr. Leadership

School-based Curriculum and Instr. Leadership Credits: (3)

EDL 615 - International School Leadership

Credits: 3

EDL 615 - Leading the Academic Department

Credits: (3)

EDL 620 - Legal and Ethical Foundations of Public Education

Legal and Ethical Foundations of Public Education Credits: (3)

EDL 625 - Introduction to School Leadership

Introduction to School Leadership Credits: (3)

EDL 660 - School-Community Relations

School-Community Relations Credits: (3)

EDL 680 - Problems in School Administration

Problems in School Administration Credits: (1-3, R3)

EDL 685 - Internship Orientation

Internship Orientation Credits: (1)

EDL 686 - School Site Internship I

School Site Internship I Credits: (2-3)

EDL 687 - School Site Internship II

School Site Internship II Credits: (3)

EDL 705 - Leadership for Educational Programs

Leadership for Educational Programs Credits: (3)

EDL 714 - Role of School Leaders in Special Education

Role of School Leaders in Special Education **Prerequisites & Notes** PREQ: Must be enrolled in the MSA or PMC program. EDL 601 or EDL 701. Credits: (3)

EDL 715 - Leadership of Professional Learning

Leadership of Professional Learning Credits: (3)

EDL 730 - School Finance and Business Management

School Finance and Business Management Credits: (3)

EDL 731 - Policy Development and Analysis

Policy Development and Analysis Credits: (3)

EDL 732 - Leadership in E-teaching and E-learning

Leadership in E-teaching and E-learning Credits: (3)

EDL 740 - School Plant Planning and Management

School Plant Planning and Management Credits: (2)

EDL 750 - Educational Human Resource Management

Educational Human Resource Management Credits: (3)

EDL 760 - School Community Relations

School Community Relations Credits: (3)

EDL 779 - Continuing Research-Non Thesis Option

Continuing Research-Non Thesis Option Credits: (1, R10)

EDL 800 - Advanced Leadership Theory

Advanced Leadership Theory Credits: (3)

EDL 810 - Behavior and Management of Educational Org.

Behavior and Management of Educational Org. Credits: (3)

EDL 820 - Educational Politics and Policies

Educational Politics and Policies Credits: (3)

EDL 876 - Ethics in Educational Leadership

Ethics in Educational Leadership Credits: (3)

EDL 877 - The Superintendency

The Superintendency Credits: (3)

EDL 878 - District Level Leadership

District Level Leadership Credits: (3)

EDL 883 - Advanced Internship in Educational Leadership I

Advanced Internship in Educational Leadership I Credits: (1-3, R3)

EDL 884 - Advanced Internship in Educational Leadership II

Advanced Internship in Educational Leadership II Credits: (1-3, R3)

EDL 885 - Internship in Rural School Leadership III

Internship in Rural School Leadership III Credits: (1-3, R3)

EDL 895 - Advanced Seminar in Instructional Leadership

Advanced Seminar in Instructional Leadership Credits: (3)

EDL 896 - Seminar in School Law

Seminar in School Law Credits: (3)

EDL 898 - Doctoral Seminar in Educational Leadership

Doctoral Seminar in Educational Leadership Credits: (3)

EDL 899 - Dissertation in School Leadership

Dissertation in School Leadership Credits: (1-6, R12)

Educational Research

EDRS 602 - Methods of Research

Methods of Research Credits: (3)

EDRS 612 - Principles and Application of Educational Research Methods

Principles and Application of Educational Research Methods Credits: (3)

EDRS 709 - Educational Testing and Assessment

Educational Testing and Assessment Credits: (3)

EDRS 800 - Advanced Research Methods

Advanced Research Methods Credits: (3)

EDRS 806 - Statistical Analysis in Research

Statistical Analysis in Research Credits: (3)

EDRS 811 - Qualitative Research

Qualitative Research Credits: (3)

EDRS 820 - Program Evaluation for Educational Leaders

Program Evaluation for Educational Leaders Credits: (3)

EDRS 870 - Synthesis of Educational Research

Synthesis of Educational Research Credits: (3)

EDRS 895 - Doctoral Research Seminar

Doctoral Research Seminar Credits: (3)

Educational Supervision

EDSU 605 - Principles of Supervision

Principles of Supervision Credits: (3)

EDSU 615 - Techniques of Supervision

Techniques of Supervision Credits: (3)

EDSU 620 - School-Based Instructional Leadership

School-Based Instructional Leadership Credits: (3)

EDSU 630 - School Improvement

School Improvement Credits: (3)

EDSU 635 - Supervision of the Novice Teacher

Supervision of the Novice Teacher Credits: (3)

EDSU 680 - Problems in Supervision (I, R3)

Problems in Supervision (I, R3)

EDSU 685 - Internship in Supervision

Internship in Supervision Credits: (2)

EDSU 693 - Topics in Supervision

Topics in Supervision Credits: (1, R3)

Higher Education

EDHE 531 - Foundations of Adult Education

Foundations of Adult Education Credits: (3)

EDHE 605 - The Community College

The Community College Credits: (3)

EDHE 610 - Community College Instruction

Community College Instruction Credits: (3)

EDHE 620 - Politics and Policy Development at the Community College

Politics and Policy Development at the Community College Credits: (3)

EDHE 636 - Community College Curriculum Development

Community College Curriculum Development Credits: (3)

EDHE 650 - Program Development and Evaluation

Program Development and Evaluation Credits: (3)

EDHE 670 - Community College Administration

Community College Administration Credits: (3)

EDHE 683 - Internship in Community College Administration

Internship in Community College Administration Credits: (3, R9)

EDHE 686 - Practicum in Community College Teaching

Practicum in Community College Teaching Credits: (2)

EDHE 693 - Topics in Higher Education

Topics in Higher Education Credits: (1-3, R6)

EDHE 695 - Seminar on the Community College

Seminar on the Community College Credits: (2)

EDHE 805 - Role of Higher Education in Society

Role of Higher Education in Society Credits: (3)

EDHE 810 - Community College/Higher Education Leadership

Community College/Higher Education Leadership Credits: (3)

EDHE 820 - Community College/Higher Education Politics & Board Relations

Community College/Higher Education Politics & Board Relations Credits: (3)

EDHE 830 - Adult Programming in Community College and Higher Education

Adult Programming in Community College and Higher Education Credits: (3)

EDHE 840 - Community College/Higher Education Finance & Business Operation

Community College/Higher Education Finance & Business Operation Credits: (3)

Human Resources

HR 601 - Organization Planning & Execution for HR Prof

Overview of the major functions of different types of organizations, emphasizing how the HR department effectively plans and executes its strategy to achieve organizational goals. Credits: 3

Leadership

LEAD 140 - Freshman Leadership Institute I

Introduces a theoretical framework for understanding leadership and followership, while participating in a learning community. Students experience the personal discovery of leadership potential and commitment. **Prerequisites & Notes** Acceptance into the Freshman Leadership Living-Learning Institute and Housing. Credits: (2)

LEAD 141 - Student Development and Leadership

Designed to promote ethically and morally responsible, fully functioning leaders for resident advisor positions. Credits: (1, R3)

LEAD 142 - Peer Education Leadership

Current wellness concerns of today's college students. Translates learning into becoming peer educators and campus leaders through outreach, event planning, and optional participation in C.R.E.W. Credits: (1)

LEAD 143 - Western Peaks: Leadership and the Collegiate Experience

An interactive learning experience designed to introduce leadership concepts and experiential leadership opportunities at WCU, encouraging participation in a context of personal and leadership knowledge. Credits: (2)

LEAD 145 - Student Leadership for Campus Service and Programming

The Social Change Model of leadership relationship to student leadership for: Last Minute Productions programming; or University Center and Ramsey Activity Center student staff. Credits: (1)

LEAD 146 - Emerging Greek Leaders

Provides new members of WCU Greek organizations opportunities to explore leadership within the Social Change Model from an experiential context of organizational membership. Credits: (1)

LEAD 147 - Leadership for Understanding and Promoting Non-Violence and Social Change

Designed to educate students about domestic violence and preventative measures while exploring leadership for associated issues within the context of the Social Change Model. Credits: (1)

LEAD 148 - Leadership Principles

The course presents fundamentals of student leadership; covers leadership theory, parliamentary law, committee techniques, democratic organization, principles and functions of student government, and group problems. Credits: (1)

LEAD 149 - Women, Leadership, and Social Change

This course will focus on women's leadership and service as it relates to personal development and campus involvement through a lens of social change. Credits: (1)

LEAD 150 - Band of Brothers: Leadership and Masculinity

Introduction and transition to university life and resources (academic, co-curricular, community); and the principles of leadership with a focus on concepts of gender and leadership. Credits: (1)

LEAD 151 - Secrets of Powerful Women: Leading Change for a New Generation

Introduction and transition to university life and resources (academic, co-curricular, community); and the principles of leadership with a focus on concepts of women and leadership. Credits: (2)

LEAD 152 - Going Green: Leadership & Environmental Responsibility

Introduction and transition to university life and resources (academic, co-curricular, community); and the principles of leadership with a focus on concepts of environmental sustainability. Credits: (2)

LEAD 153 - Global Awareness & Citizenship: Leadership from Global Perspective

Introduction and transition to university life and resources (academic, co-curricular, community); and the principles of leadership with a focus on concepts of global citizenship. Credits: (2)

LEAD 154 - A Healthier U: Leadership & Wellness

Introduction and transition to university life and resources (academic, co-curricular, community); and the principles of leadership with a focus on concepts of health and wellness. Credits: (2)

LEAD 155 - Project Care: African-American Leadership

Introduction and transition to university life and resources (academic, co-curricular, community); and the principles of leadership with a focus on concepts of African-American Leadership. Credits: (2)

LEAD 156 - Cultural Competency & Social Action: Leadership in Diversity & Social Justice

Introduction and transition to university life and resources (academic, co-curricular, community); the principles of leadership with a focus on concepts of diversity and social action. Credits: (2)

LEAD 157 - Digital Culture: Leadership & Technology

Introduction and transition to university life and resources (academic, co-curricular, community); and the principles of leadership with a focus on concepts of technology and leadership. Credits: (2)

LEAD 158 - The Creative Life: Leadership & the Arts

Introduction and transition to university life and resources (academic, co-curricular, community); and the principles of leadership with a focus on concepts of arts and leadership. Credits: (2)

LEAD 159 - Whee Teach: Leadership and Teacher Education

Introduction and transition to university life and resources (academic, co-curricular, community); and the principles of leadership with focus on leadership as applied to teacher education. **Prerequisites & Notes** COREQ: EDCI 191 - the "What is Education for?" section Credits: (2)

LEAD 180 - Freshman Leadership Institute II

Continues the theoretical framework for understanding leadership and followership while participating in a learning community. Students experience the personal discovery of leadership potential and commitment. **Prerequisites & Notes** Completion of HR 140. Credits: (2)

LEAD 241 - Orientation Leaders

The class design enhances educated, ethical and morally responsible, functioning leaders who can contribute to the success of first year students at Western Carolina University. Credits: (0-1, R4)

LEAD 243 - Service Learning and Leadership for Social Change

Provides understanding of leadership and social change strategies at the community level, focusing on roles and functions of nonprofit/social service agencies and service-learning participants. **Prerequisites & Notes** PREQ: All HR 100 level courses or permission of instructor. Credits: (1)

LEAD 244 - Principles of Leadership

Students will explore the major theories of leadership and discuss how to define/measure leader effectiveness. **Prerequisites & Notes** PREQ: Any LEAD 100 level course. Credits: (3)

LEAD 245 - Student Media Leadership

Enables students participating in the context of student media to lead using ethical and social change perspectives in peer and community communications. Credits: (1)

LEAD 246 - Advanced Greek Leadership

Advanced Greek Leadership explores the leadership and evolution of the campus Greek community and its relationship to the national organizational structures and university educational mission. **Prerequisites & Notes** PREQ: 143, 144, 146, 244 or permission of instructor. Credits: (2)

LEAD 247 - Student Athlete Leadership

Enables practical application of leadership for athletes through sports team dynamics, personal goal setting, visioning, and the role of student athletes in the university community. Credits: (1)

LEAD 248 - Advanced SGA-Leadership Issues and Change

Advanced techniques and issues for student government leadership. It will cover major themes of creating change, creativity, lobbying, and social group dynamics. **Prerequisites & Notes** PREQ: 148 or permission of instructor. Credits: (1)

LEAD 249 - Diversity and Leadership

Explore and discuss issues of diversity and leadership such as communication, resolving conflicts, motivation, decision-making, community service, and leadership styles. Credits: (1)

LEAD 255 - Student Leadership for Campus Service and Programming

Students will learn practical skills and techniques in teaching their peers how to apply the Social Change Model in their role as student leaders. **Prerequisites & Notes** PREQ: 145. Credits: (1)

LEAD 294 - Special Topics in Leadership

This lower division leadership course will be designed based upon a learning contract developed by the student and agreed upon by the sponsoring faculty member. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1-3, R6)

LEAD 343 - Dimensions of Spirituality in Leadership

Course enhances student's relationship with their world and sense of spirituality, life course and leadership knowledge searching for meaning and purpose of actions and decisions. **Prerequisites & Notes** PREQ: 244 or permission of instructor. Credits: (3)

LEAD 344 - Junior Leadership Seminar

Explore and discuss issues on ethics and values decision making from leadership perspective for understanding how leaders shape moral environment in different contexts. **Prerequisites & Notes** PREQ: 244 or permission of instructor. Credits: (3)

LEAD 346 - Civic Engagement and Leadership in the Local Community

Through education, service or research projects, students draw on history, psychology, political science, sociology, etc. to promote ethical leadership and civic engagement in our local community. Credits: (3)

LEAD 444 - Leadership Minor Capstone

Course enhances the student's relationship and leadership knowledge while applying learned skills to their professional career paths. **Prerequisites & Notes** PREQ: 344 or permission of the instructor. Credits: (3)

LEAD 483 - Leadership (Minor) Field Experience Internship

The field experience is an internship-based course that requires the students to integrate lessons learned from the core leadership courses into practical leadership situations. Credits: (3)

LEAD 494 - Special Topics in Leadership

This upper division leadership course will be designed based upon a learning contract developed by the student and agreed upon by the sponsoring faculty member. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1-3, R6)

Parks and Recreation Management

PRM 250 - Foundations of Parks and Recreation Management

Concepts, philosophical orientations, and aspects of recreation, play, and leisure; the organization of leisure and recreation as a service and profession. Credits: (3)

PRM 252 - Wilderness First Aid

This course focuses on developing first aid skills to respond quickly to a sick or injured person until more advanced care is available. 1 Lecture, 1 Lab. Credits: (2)

PRM 254 - Introduction to Outdoor Pursuits Education

Instructional techniques for outdoor pursuits. Back country characteristics are reviewed in terms of hazards, use ethics, and safety. 2 Lecture, 2 Lab. Credits: (4)

PRM 270 - Leadership and Group Dynamics in Recreation

Emphasis will be on appropriate theories and techniques for specific clientele and the different populations that are encountered as a recreation professional. Credits: (3)

PRM 313 - Camp Counseling

This course is designed to prepare students for positions as camp counselors and provides the foundations for further preparation toward camp administration. Credits: (3)

PRM 314 - Organization and Administration of Camping Agencies

The nature of camping; trends; elements of camp design and management. Credits: (3)

PRM 321 - Outdoor Education and Interpretation

Theory and principles of outdoor education as an interdisciplinary approach to learning in a recreational or educational setting. Credits: (3)

PRM 330 - Aquatic Recreation Management

Organization, programming, facility design, and maintenance in various aquatic recreational environments. Course may lead to Certified Pool Operator certification. This course is cross-listed with SM 330. Credits: (3)

PRM 340 - Challenge Course Facilitation

Behavior change, instruction, and personal growth taught in a challenge course setting. Includes operation of a ropes course, facilitation of activities, course technology and safety. Credits: (3)

PRM 350 - University & Career Planning in PRM

This course is designed to maintain students' preparation for community service, graduation requirements and career development. Credits: (1)

PRM 352 - Beginner/Intermediate Canoe and Kayak

Water-based outdoor pursuits instruction in canoeing, kayaking and basic rescue techniques. Credits: (3)

PRM 356 - Outdoor First Aid

Training for outdoor professionals to administer comprehensive first aid in remote areas; possible certification through the National Ski Patrol for Winter Emergency Care and CPR. 2 Lecture, 2 Lab. Credits: (4)

PRM 360 - Recreation Research

An analysis of the principle methods of recreation research, the application of descriptive and inferential statistics to recreation research, and the development of a research proposal. Credits: (3)

PRM 361 - Program Planning and Evaluation in Parks and Recreation Management

Designed to equip students with a variety of program planning methodologies, including proposal and grant writing. Evaluative research methods are also included. 3 Lecture, 2 Lab. Credits: (4)

PRM 370 - Internship Orientation

Orientation to the internship; preparation of personnel records; applications, resumes, and agency contracts. Preparation for entry into the profession: interview and application techniques. 2 Lab. **Prerequisites & Notes** PREQ: 361 or permission of instructor. Credits: (1)

PRM 383 - Internship in Parks and Recreation Management

S/U grading. This internship is designed to allow a student to gain experience by working with a selected parks and recreation agency. Credits: (1, R3)

PRM 389 - Cooperative Education in PRM

See Cooperative Education Program. Credits: (1 or 3, R15)

PRM 420 - Administration and Leadership of Outdoor Pursuits

Implementation of outdoor pursuits programs; includes planning and leadership components, outdoor adventure-based administrative techniques, and risk management. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: 254 or permission of instructor. Credits: (3)

PRM 425 - Land-Based Outdoor Pursuits Education

Land-based outdoor instruction in mountain activities, caving, and rescue techniques; includes institutional teaching techniques used by different agencies and adaptations for people with disabilities. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: 254 or permission of instructor. Credits: (3)

PRM 426 - Water-Based Outdoor Pursuits Education

Water-based outdoor instruction in canoeing, kayaking, rafting, and rescue techniques; includes institutional teaching techniques used by different agencies and adaptations for people with disabilities. 3 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: 254 or permission of instructor. Credits: (4)

PRM 427 - Wilderness Education

An expedition style course, leader decision-making is taught through backpacking, mountaineering and canoeing. National certification is possible through the Wilderness Education Association. Eight or sixteen day expedition. Credits: (3-6)

PRM 430 - Entrepreneurship and Commercial Recreation

Analysis of types of commercial and private recreation enterprises, probable trends and directions, requirements and procedures for planning and organizing commercial recreation services. Credits: (3)

PRM 433 - Outdoor Recreation

An overview of the professional aspects of outdoor recreation, including classification systems, policies of management agencies, and the perspectives of individuals, non-profit and commercial groups. Credits: (3)

PRM 434 - High Adventure Travel and Outfitting

Practical experience in creation, planning, logistics, execution, and evaluation of adventure travel. Overview of history, development, organization, impacts and trends. 2 Lecture, 2 Lab. Credits: (3)

PRM 435 - Park and Recreation Sites, Facilities, and Programs

Planned tour to study specific types of parks and recreation sites, facilities, and/or programs related to current issues and practices. 1 Lecture or 2 Lab per credit hour. Credits: (1-6, R6)

PRM 440 - Travel and Tourism

Exploration of recreation-based tourism; national and international; demographics, economic, cultural, and environmental impacts; trends and research. Credits: (3)

PRM 461 - Management and Administration of PRM Services

Management, organization, and supervision in recreation and leisure service administration. Includes entre/intrapreneurship, planning processes, marketing, fiscal strategies, human services, evaluation, and research. **Prerequisites & Notes** PREQ: 250 or permission of instructor. Credits: (3)

PRM 480 - Independent Study

Independent Study **Prerequisites & Notes** PREQ: Permission of program coordinator. Credits: (3, R6)

PRM 483 - Capstone Internship in Parks and Recreation Management

Placement in a cooperating agency to relate classroom learning to practice. S/U grading. 9 hours per week per course Credits: (3, R6)

PRM 484 - Internship in Parks and Recreation Management

Placement in a cooperating agency to relate classroom learning to practice. S/U grading. 9 hours per week per course Credits: (3)

PRM 485 - Internship in Parks and Recreation Management

Placement in a cooperating agency to relate classroom learning to practice. S/U grading. 9 hours per week per course Credits: (3)

PRM 486 - Field Experience

Field experience in cooperation with existing programs such as North Carolina Outward Bound School and Nantahala Outdoor Center. 1-12 Lab. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1-12)

PRM 493 - Topics in Parks and Recreation Management

1 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: Permission of program coordinator. Credits: (1-3, R6)

PRM 495 - Senior Seminar in Parks and Recreation Management

Current trends and issues; individual research topics; employment decision making; graduate school advisement; presentation of internship experience. Credits: (1)

PRM 580 - Independent Study

Independent Study Credits: (1-3, R6)

Recreational Therapy

RTH 405 - Recreational Therapy in Behavioral Health

Addressing psychiatric, social and addiction disorders through recreational therapy interventions in behavioral health settings. 2 lecture, 2 lab. **Prerequisites & Notes** PREQ: RTH 352, accepted to RTH major. Credits: (3)

Psychology

Office info 302 Killian Building/Main Campus (828) 227-7361 psy@email.wcu.edu

Department Website

David McCord, Department Head Faculty/Staff Directory (search by department)

Psychology

PSY 150 - General Psychology

Introduction to psychology, the scientific study of behavior and mental processes. Includes topics in social, abnormal, health, clinical, developmental, biological, and experimental psychology. (P1) Credits: (3)

PSY 190 - Freshman Seminar

Various special topics in psychology designed to encourage an in-depth exploration of ideas and intellectual discussion on specific subjects. Credits: (3)

PSY 270 - Evolutionary Psychology

How natural selection has shaped human patterns of thinking, feeling, and behaving; mate selection and strategies; parenting; formation of alliances; altruism; aggression and warfare. **Prerequisites & Notes** PREQ: 150. Credits: (3)

PSY 271 - Research Design and Data Analysis I

Introduction to non-experimental research and statistics analysis; observational, survey, and correlational research methods; descriptive and inferential statistical analysis. **Prerequisites & Notes** PREQ: 150 or permission of instructor. Credits: (3)

PSY 272 - Research Design and Data Analysis II

Continuation of PSY 271; introduction to single-factor and factorial experimental and quasiexperimental research designs; inferential statistical analysis through 2-way ANOVA. **Prerequisites & Notes** PREQ: 271 or permission of instructor. Credits: (3)

PSY 280 - Research in Psychology I

Introductory-level supervised bibliographical or research activity. S/U grading. **Prerequisites & Notes** PREQ: 150 or permission of instructor. Credits: (1-3, R3)

PSY 309 - Social Psychology

Social influences on individual behavior, feelings, and thoughts; social-psychological approaches to problems of attitudes, conformity, leadership, and other group phenomena. **Prerequisites & Notes** PREQ: 150 or permission of instructor. Credits: (3)

PSY 313 - Organizational and Industrial Psychology

Structure, methods, techniques, and application of psychological concepts to human problems of work in organizations. **Prerequisites & Notes** PREQ: 150 or permission of instructor. Credits: (3)

PSY 320 - Developmental Psychology I: Childhood

Theories and principles of development (cognitive, emotional, psychological) of individuals from diverse backgrounds from conception through adolescence. (P1) Credits: (3)

PSY 321 - Educational Psychology

Application of psychological principles to teaching; cognition, learning, motivation, measurement, individual differences including cultural differences and exceptionalities, and behavior management. **Prerequisites & Notes** PREQ: 320 or 322 and admission to teacher education program. Field experience required. Credits: (3)

PSY 322 - Developmental Psychology II: Adolescence

Theories and principles of development (cognitive, emotional, psychological, social, physiological) of individuals from diverse backgrounds from puberty to emerging adulthood. **Prerequisites & Notes** PREQ: PSY 150 or permission of instructor for other majors. Credits: (3)

PSY 323 - Psychology Applied to Learning and Teaching

Exploration of the universal and developmental needs of 21st century learners and the assessment techniques teachers utilize in the development of responsive instruction. Field experience and subscription to TaskStream© required. **Prerequisites & Notes** PREQ: EDCI 201. Credits: (3)

PSY 325 - Developmental Psychology III: Adulthood

Theories and principles of development (cognitive, emotional, psychological, social, physiological) of individuals from diverse backgrounds throughout the adult lifespan. **Prerequisites & Notes** PREQ: 150 or permission of instructor. Credits: (3)

PSY 331 - Human Sexuality

Psychological, biological, social, and legal aspects of sexuality. (P1) **Prerequisites & Notes** PREQ: 45 hours earned. Credits: (3)

PSY 333 - Psychology of Sex Differences

Development of sex differences and similarities in cognition, personality, and social behaviors; the role of physiological, social, and cultural factors. **Prerequisites & Notes** PREQ: 150 or permission of instructor. Credits: (3)

PSY 340 - Sensation and Perception

Introduction to the physiological mechanisms underlying the sensation of external stimuli and the cognitive processes leading to an interpretation of sensory information (i.e., perception). 2 Lecture, 1 Lab. Credits: (3)

PSY 350 - Sexual Victimization

Course addresses public policy and treatment issues from perspectives of both perpetrators and survivors of sexual victimization. Note that course material can be emotionally intense. Credits: (3)

PSY 360 - Psychological Testing

History, theory, and practice of measurement; test development and standardization; evaluation of intelligence, achievement, aptitude, and personality. **Prerequisites & Notes** PREQ: 150 or permission of instructor. Credits: (3)

PSY 363 - Behavioral Intervention

A survey of behavioral theory covering both nonmediational and mediational approaches. Applications of behavioral theory to a variety of difficulties including school and clinical settings. **Prerequisites & Notes** PREQ: 150 or permission of instructor. Credits: (3)

PSY 370 - Psychology and Law

Interrelationships between psychology and the legal system; identifying psycholegal issues in daily life; applying psychological theory and research to resolution of psycholegal dilemmas in real world. (P1) **Prerequisites & Notes** PREQ: Junior or senior status. Credits: (3)

PSY 375 - Forensic Psychology

Introduction to the field of forensic psychology. Key topics include forensic evaluations, expert testimony, ethics, assessment of malingering, and competence to stand trial. **Prerequisites & Notes** PREQ: Junior or senior status. Credits: (3)

PSY 389 - Cooperative Education in Psychology

See Cooperative Education Program. Credits: (1 or 3, R15)

PSY 393 - Topics in Psychology

Topics in Psychology Credits: (3, R12)

PSY 426 - Death and Dying

Psychological foundations and correlates of death anxiety and grief; cross-cultural perspectives; death education and stages in children's awareness; coping with grief and fears. **Prerequisites & Notes** PREQ: 150 or permission of instructor. Credits: (3)

PSY 430 - Personality

Assumptions, constructs, and theories of personality; related empirical findings. **Prerequisites & Notes** PREQ: 150 or permission of instructor. Credits: (3)

PSY 440 - Biological Psychology

Physiological, genetic, and evolutionary bases of behavior. **Prerequisites & Notes** PREQ: 150 or permission of instructor. Credits: (3)

PSY 441 - Health Psychology

Psychological foundations of health and illness; exploration of the impact of thoughts, emotions, and behavior on the development, treatment, and prevention of illness and the maintenance of health. **Prerequisites & Notes** PREQ: 150 or permission of instructor. Credits: (3)

PSY 444 - Cognitive Psychology

Theories and principles of human information processing: language production and comprehension, basic processes in memory and cognition. **Prerequisites & Notes** PREQ: 272. Credits: (3)

PSY 446 - Learning

This course will review the theories, methods and outcomes of behavioral research. Students will complete a research project in this course. **Prerequisites & Notes** PREQ: PSY 272. Credits: (3)

PSY 448 - Human Neuropsychology

Survey of the basic theories of neuropsychology, emphasizing both cognitive and clinical research. The course will focus on the influence of the human brain on normal and abnormal behavior. **Prerequisites & Notes** PREQ: 150 or permission of instructor. Credits: (3)

PSY 452 - Software Methods for Research and Data Analysis

Introduction to the development of software applications that store, manipulate, and analyze data, and automate the execution of various psychological research designs. Credits: (3)

PSY 455 - History of Psychology

Systematic survey of psychology as a scientific endeavor from early approaches to contemporary schools and trends. **Prerequisites & Notes** PREQ: Junior/Senior status. Credits: (3)

PSY 460 - Crisis Intervention

Theory and nature of crises; intervention strategies for dealing with a variety of crises such as physical assault, rape, suicide, and natural disaster. Enrollment restricted to Emergency Medical Care majors. Credits: (1)

PSY 470 - Abnormal Psychology

Theories of psychopathology; etiology, dynamics, symptomatology, diagnosis, and treatment. **Prerequisites & Notes** PREQ: 150 or permission of instructor. Credits: (3)

PSY 474 - Child Psychopathology

Etiology, characteristics, assessment, and treatment of psychological problems of childhood and adolescence; learning, behavioral, affective, and psychotic disorders. **Prerequisites & Notes** PREQ: 150 or permission of instructor. Credits: (3)

PSY 475 - Introduction to Clinical and Counseling Psychology

Applications of psychology to bachelor-level psychology jobs. Communication and listening skills, crisis management, milieu therapy. Professional roles and boundaries, ethics and legal issues, documentation. **Prerequisites & Notes** PREQ: 150, junior-senior status. Credits: (3)

PSY 480 - Research in Psychology

Supervised research experiences for advanced students. S/U grading. **Prerequisites & Notes** PREQ: 150, 271, 272; permission of instructor. Credits: (1-6, R6)

PSY 483 - Internship in Psychology

Application of theory, methods, and techniques in a cooperating agency under faculty supervision. 9 hours applicable to major. 10 hours per week per course. **Prerequisites & Notes** PREQ: 2.0 GPA, 20 hours of psychology, and a course in methods of counseling, or permission of instructor. Credits: (3)

PSY 484 - Internship in Psychology

Application of theory, methods, and techniques in a cooperating agency under faculty supervision. 9 hours applicable to major. 10 hours per week per course. **Prerequisites & Notes** PREQ: 2.0 GPA, 20 hours of psychology, and a course in methods of counseling, or permission of instructor. Credits: (3)

PSY 485 - Internship in Psychology

Application of theory, methods, and techniques in a cooperating agency under faculty supervision. 9 hours applicable to major. 10 hours per week per course. **Prerequisites & Notes** PREQ: 2.0 GPA, 20 hours of psychology, and a course in methods of counseling, or permission of instructor. Credits: (3)

PSY 486 - Internship in Psychology

Application of theory, methods, and techniques in a cooperating agency under faculty supervision. 9 hours applicable to major. 10 hours per week per course. **Prerequisites & Notes** PREQ: 2.0 GPA, 20 hours of psychology, and a course in methods of counseling, or permission of instructor. Credits: (3)

PSY 495 - Senior Seminar in Psychology

Overview of the history and current state of psychology. Discussions of important facts, issues, concepts, and theoretical perspectives in psychology. **Prerequisites & Notes** PREQ: 272 or permission of instructor. Credits: (3)

PSY 510 - Individual Psychology

Individual Psychology Credits: (3)

PSY 526 - Death and Dying

Death and Dying Credits: (3)

PSY 530 - Personality

Personality Credits: (3)

PSY 540 - Biological Psychology

Biological Psychology Credits: (3)

PSY 541 - Health Psychology

Health Psychology Credits: (3)

PSY 544 - Cognitive Psychology

Cognitive Psychology Credits: (3)

PSY 548 - Human Neuropsychology

Human Neuropsychology Credits: (3)

PSY 552 - Software Methods for Research and Data Analysis

Software Methods for Research and Data Analysis Credits: (3)

PSY 555 - History of Psychology

History of Psychology Credits: (3)

PSY 570 - Abnormal Psychology

Abnormal Psychology Credits: (3)

PSY 574 - The Emotionally Disturbed Child and Adolescent

The Emotionally Disturbed Child and Adolescent Credits: (3)

PSY 610 - Advanced Social Psychology

Advanced Social Psychology Credits: (3)

PSY 621 - Advanced Educational Psychology

Advanced Educational Psychology Credits: (3)

PSY 622 - Academic Interventions and Settings

Academic Interventions and Settings Credits: (3)

PSY 624 - Child and Adolescent Development

Child and Adolescent Development Credits: (3)

PSY 625 - Adolescent Development

Adolescent Development Credits: (3)

PSY 626 - Adulthood and Aging

Adulthood and Aging Credits: (3)

PSY 648 - Advanced Neuropsychological Assessment

Advanced Neuropsychological Assessment Credits: (3)

PSY 650 - Advanced General Psychology

Advanced General Psychology Credits: (3)

PSY 651 - Advanced Research Methods: Statistics

Advanced Research Methods: Statistics Credits: (3)

PSY 652 - Advanced Research Methods: Design and Communication

Advanced Research Methods: Design and Communication Credits: (3)

PSY 661 - Psychological Assessment I

Psychological Assessment I Credits: (4)

PSY 662 - Personality Assessment

Personality Assessment Credits: (3)

PSY 663 - Assessment and Intervention w/Preschool Children

Assessment and Intervention w/Preschool Children Credits: (3)

PSY 664 - Psychological Assessment II

Psychological Assessment II Credits: (3)

PSY 671 - Advanced Psychopathology

Advanced Psychopathology Credits: (3)

PSY 672 - Psychotherapy I: Theories

Psychotherapy I: Theories Credits: (3)

PSY 673 - Professional Issues

Professional Issues Credits: (3)

PSY 674 - Advanced Child Psychopathology

Advanced Child Psychopathology Credits: (3)

PSY 675 - Cognitive Behavioral Interventions

Cognitive Behavioral Interventions Credits: (3)

PSY 676 - Psychotherapy II: Techniques

Psychotherapy II: Techniques Credits: (3)

PSY 677 - Group Psychotherapy

Group Psychotherapy Credits: (3)

PSY 678 - Family Systems

Family Systems Credits: (3)

PSY 679 - Survey of Clinical Psychology

Survey of Clinical Psychology Credits: (3)

PSY 680 - Directed Study in Psychology

Directed Study in Psychology Credits: (3, R9)

PSY 683 - Internship in Psychology

Six-month, full-time or nine-month, part-time internship in a clinical or school setting. S/U grading. **Prerequisites & Notes** Both sections of PSY 686 with a grade of B or better. Credits: (6)

PSY 684 - Internship in Psychology

Six-month, full-time or nine-month, part-time internship in a clinical or school setting. S/U grading. **Prerequisites & Notes** PREQ: Both sections of PSY 686 with a grade of B or better. Credits: (6)

PSY 686 - Practicum in Psychology

Practicum in Psychology Credits: (1-4, R12)

PSY 693 - Topics in Psychology

Topics in Psychology Credits: (3, R9)

PSY 697 - Seminar: Behavioral/Emotional Evaluation of Children and Adolescents

Seminar: Behavioral/Emotional Evaluation of Children and Adolescents Credits: (3)

PSY 698 - Rorschach Seminar

Rorschach Seminar Credits: (3)

PSY 699 - Thesis

Thesis Credits: (3, R6)

PSY 999 - Continuing Research—Thesis Option

Continuing Research—Thesis Option Credits: (2, R24)

School of Teaching and Learning

Office Info 138 Killian Building/Main Campus (828) 227-7108 stl@email.wcu.edu

Department Website

Dan Grube, Department Head Faculty/Staff Directory (search by department)

Education and Psychology

EDPY 190 - What is Education For?

The seminar will explore the influence our education has on us as human beings and how it may impact our definitions of "meaning" and "purpose." Credits: (3)

EDPY 493 - Topics in Education and Psychology

Topics in Education and Psychology Credits: (1-3, R6)

EDPY 591 - Topics in Education and Psychology

Topics in Education and Psychology Credits: (1, R3)

EDPY 592 - Topics in Education and Psychology

Topics in Education and Psychology Credits: (2, R6)

EDPY 593 - Topics in Education and Psychology

Topics in Education and Psychology Credits: (3, R6)

EDPY 691 - Topics in Education and Psychology

Topics in Education and Psychology Credits: (1, R3)

EDPY 692 - Topics in Education and Psychology

Topics in Education and Psychology Credits: (2, R6)

EDPY 693 - Topics in Education and Psychology

Topics in Education and Psychology Credits: (3, R6)

EDPY 793 - Selected Topics in Education and Psychology

Selected Topics in Education and Psychology Credits: (3, R12)

Educational Administration

EDAD 420 - Jamaican Educational Politics

This course explores the politics of education in Jamaica. School Boards, the Ministry of Education and the Jamaica Teachers Association are the major political organizations. Credits: (3)

Elementary and Middle Grades Education

ELMG 201 - Seminar for Teacher Leadership

The purpose of this course is to encourage preservice teachers to explore issues in becoming teachers and reflect on themselves as leaders. **Prerequisites & Notes** COREQ: EDCI 201. Credits: (1)

ELMG 390 - Practicum I

Supervised participation in a public school classroom (6 hours per week), guided by seminar focusing on appropriate assessments for elementary and middle grades. **Prerequisites & Notes** PREQ: Admission to professional education sequence and permission of instructor. Must submit application to the Office of Field Experience. Credits: (3)

ELMG 480 - Independent Study in Elementary/Middle Grades Education

Independent Study in Elementary/Middle Grades Education **Prerequisites & Notes** PREQ: Admission to professional education sequence. Credits: (1-3, R6)

ELMG 484 - Supervised Internship I

A part-time internship under university supervision with seminar. **Prerequisites & Notes** COREQ: 415; 466; EDRD 474. Field experience with seminar. Credits: (3)

ELMG 485 - Supervised Internship II

A full-time internship under university supervision. **Prerequisites & Notes** PREQ: 484. COREQ: 495. Full-time field experience. Credits: (9)

ELMG 493 - Topics in Elementary/Middle Grades Education

Topics in Elementary/Middle Grades Education **Prerequisites & Notes** PREQ: Admission to professional education sequence. Credits: (1-3, R6)

ELMG 495 - Seminar for Student Teachers

Theory related to practice during student teaching. **Prerequisites & Notes** COREQ: 485. Credits: (3)

ELMG 515 - Language Arts Methods

Language Arts Methods Credits: 3

ELMG 516 - Science Methods

Science Methods Credits: 3

ELMG 517 - Social Studies Methods

Social Studies Methods Credits: 3

ELMG 519 - Mathematics Methods for Grades 4-9

Mathematics Methods for Grades 4-9 Credits: 3

ELMG 566 - Computers in Education

Computers in Education Credits: (3)

ELMG 580 - Independent Study

Independent Study Credits: (3)

ELMG 593 - Topics in Elementary and Middle Grades Education

Topics in Elementary and Middle Grades Education Credits: (3)

ELMG 603 - Elementary and Middle Grades Science Curriculum

Elementary and Middle Grades Science Curriculum Credits: (3)

ELMG 604 - Elementary and Middle Grades Social Studies Curriculum

Elementary and Middle Grades Social Studies Curriculum Credits: (3)

ELMG 605 - Elementary and Middle Grades Mathematics Curriculum

Elementary and Middle Grades Mathematics Curriculum Credits: (3)

ELMG 606 - Elementary and Middle Grades Language Arts Curriculum

Elementary and Middle Grades Language Arts Curriculum Credits: (3)

ELMG 607 - Mathematical Problem Solving in Elementary/ Middle School

Mathematical Problem Solving in Elementary/ Middle School Credits: (3)

ELMG 608 - Diagnosis and Remediation in Elementary/Middle School Math

Diagnosis and Remediation in Elementary/Middle School Math Credits: (3)

ELMG 610 - Distance Education

Distance Education Credits: (3)

ELMG 666 - Projects in Educational Computing

Projects in Educational Computing Credits: (3)

ELMG 675 - Workshop in Elementary and Middle Grades Education

Workshop in Elementary and Middle Grades Education Credits: (3)

ELMG 680 - Independent Study

Independent Study Credits: (1-3, R6)

Elementary Education

EDEL 130 - Introduction to Teaching

Teaching as a profession; the role and function of the teacher in the school and community. Recommended for any student considering teaching as a career. Credits: (3)

EDEL 311 - Elementary Curriculum

Methods, materials, and curriculum for children in elementary grades. **Prerequisites & Notes** PREQ: EDCI 201 with a grade of C or better Credits: (3)

EDEL 312 - Elementary School/Methods and Curriculum

Methods, materials, and curriculum for children in grades 3 through 6. **Prerequisites & Notes** EDCI 231 with a grade of C or better. Credits: (2)

EDEL 318 - Elementary/Middle Grades Mathematics

The development of mathematical concepts; programs, methods, and materials for grades K- 9. **Prerequisites & Notes** PREQ: MATH 231 and admission to the professional education sequence. Credits: (3)

EDEL 323 - Seminar for Responsive Instruction

The planning and implementation of developmentally and pedagogically appropriate assessments for elementary and middle grades learning environments. **Prerequisites & Notes** PREQ: Admission to the Professional Education Sequence. EDCI 201. COREQ: PSY 323. Credits: (1)

EDEL 339 - Seminar for Creating Responsive Learning Communities in the Elementary Grades

The interrelationship between theory and practice; creating and managing responsive learning communities for all learners. **Prerequisites & Notes** PREQ: Admission to the Professional Education Sequence. EDCI 201 and PSY 323. COREQ: SPED 339 and ELMG 484. Credits: (1)

EDEL 415 - Language Arts Methods for Grades K-6

Teaching methods, materials, and curriculum development in the language arts, grades K-6, with emphasis on fostering written and digital communication. **Prerequisites & Notes** PREQ: Admission to the professional education sequence. COREQ: ELMG 484 or 390
Credits: (3)

EDEL 416 - Science Methods for Grade K-6

Teaching methods and curricular development in science, grades K-6; materials and teaching strategies. **Prerequisites & Notes** PREQ: Admission to the professional education sequence. Credits: (3)

EDEL 417 - Social Studies Methods for Grades K-6

Methods, materials, and strategies for teaching social studies in grades K-6. **Prerequisites & Notes** PREQ: Admission to the professional education sequence. Credits: (3)

EDEL 418 - Mathematics Methods Grades K-3

The development of mathematical concepts: program, methods, and materials for grades K-3. **Prerequisites & Notes** PREQ: EDCI 231 with a grade of C or better.
PREQ or COREQ: MATH 230 or MATH 231. Credits: (3)

EDEL 419 - Mathematics Methods Grades 3-6

The development of mathematical concepts: program, methods, and materials for grades 3-6. **Prerequisites & Notes** PREQ: Admission to the professional education sequence (EDEL 418 is a prerequisite for elementary education majors) Credits: (3)

EDEL 432 - Integrated Curriculum

Research, theory, and instructional practice related to integrating communications processes with all subject areas in grades 3-6. Includes field-based component. **Prerequisites & Notes** PREQ: Admission to Teacher Ed. Program in Elementary Education. COREQ: This course must be taken concurrently with EDEL 390 or EDEL 484. Credits: (3)

EDEL 446 - Digital Literacy Methods for Grades K-6

The study and use of the forms of digital literacy in school and professional settings; emphasis on instructional applications, issues, and trends. **Prerequisites & Notes** COREQ: Elementary majors must take this course concurrently with EDEL 390 or ELMG 484. Credits: (3)

EDEL 465 - Teaching the Child in Crisis

Exploration of crisis situations to improve teacher competency; methods for dealing with the child in crisis at various developmental levels. Credits: (3)

EDEL 470 - Early Childhood Curriculum

Materials, environments, and interactions for 2-5 year olds in all curricular areas including thinking and social problem-solving for children with and without disabilities. This course is cross-listed with BK and SPED 470. 2 Lecture, 3 Lab. Credits: (3)

EDEL 476 - Guiding Children's Behavior and Managing Classrooms

Methods for managing classrooms and helping students from kindergarten to grade 9 develop self discipline. **Prerequisites & Notes** COREQ: 490, 495. Credits: (2)

EDEL 483 - Internship

Observing, planning, teaching, and evaluating young children with and without disabilities in a variety of settings. This course is cross-listed with BK and SPED 483. 5 days/week, full-time. **Prerequisites & Notes** COREQ: BK/EDEL/SPED 496. Credits: (5, R20)

EDEL 488 - Internship II

Observing, planning, teaching, and evaluating young children with and without disabilities in a variety of settings. This course is cross-listed with BK 488. Credits: (9)

EDEL 490 - Supervised Student Teaching

A full-time internship under university supervision. **Prerequisites & Notes** COREQ: 476, 495. Credits: (9)

EDEL 496 - Internship Seminar

The interrelationships of theory and practice in the context of experience. This course is cross-listed with BK and SPED 496. **Prerequisites & Notes** COREQ: BK 483. Credits: (1, R4)

EDEL 601 - Elementary School Curriculum

Elementary School Curriculum Credits: (3)

EDEL 614 - Issues and Trends in Elementary Education

Issues and Trends in Elementary Education Credits: (2)

EDEL 695 - Research Seminar in Elementary Education I

Research Seminar in Elementary Education I Credits: (2)

EDEL 696 - Research Seminar in Elementary Education II

Research Seminar in Elementary Education II Credits: (2)

EDEL 701 - Seminar in Elementary School Curriculum

Seminar in Elementary School Curriculum Credits: (3)

EDEL 779 - Continuing Research—Non-Thesis Option

Continuing Research—Non-Thesis Option Credits: (1, R10)

EDEL 782 - Research in Elementary Education

Research in Elementary Education Credits: (3)

EDEL 796 - Advanced Research Seminar in Elementary Education II

Advanced Research Seminar in Elementary Education II Credits: (3)

EDEL 798 - Advanced Research Seminar in Middle Grades Education II

Advanced Research Seminar in Middle Grades Education II Credits: (3)

Health and PE

HEAL 111 - Stress Management for Health and Wellness

An overview of the physiology of stress, including stress management techniques that improve health and wellness, and an integrated physical activity component. (C4) Credits: (3)

HEAL 120 - Personal and Community Health

Philosophy, knowledge, practices of health; coping with problems of living. Credits: (2)

HEAL 123 - Health and Wellness

Foundations in health/wellness. Provides students opportunities to improve wellness related skills and knowledge. Includes physical activities that integrate physical fitness into lifelong wellness. (C4) Credits: (3)

HEAL 250 - First Aid and Safety Education

Prevention and care of accidents and injuries, including American Red Cross training courses. Credits: (2)

HPE 212 - Foundations of Health and Physical Education

The basic physiological, psychological, and sociological principles and historical foundations. Credits: (3)

HPE 223 - Applied Kinesiology I - Anatomy, Physiology & Biomechanics

The study of the structure, function and physiology of the human body as related to physical activity, exercise and sports. Credits: (4)

HPE 225 - Applied Kinesiology II - Exercise Physiology

The study of the acute and chronic effects of exercise on the human body. **Prerequisites & Notes** PREQ: HPE 223. Credits: (4)

HPE 235 - Motor Behavior

Motor learning, development and control theories and applications. Credits: (3)

HPE 253 - Sport Education

Methods and teaching a Sport Education curricular model for team sports. **Prerequisites & Notes** COREQ: HPE 256. Credits: (3)

HPE 255 - Mental and Emotional Health for Teachers and Their Students

Strategies to properly and effectively manage emotional health and stress for K-12 teachers and their students. Credits: (3)

HPE 256 - Physical Education Pedagogy

Foundational pedagogy course designed to develop knowledge of effective instruction in physical education. Credits: (3)

HPE 305 - Adventure-Based Physical Education

Adventure-based physical education and wilderness leadership. Use of games, initiatives, trust and challenge/peak experiences in educational settings. **Prerequisites & Notes** PREQ: Health and Physical Education majors only or permission of instructor. Credits: (3)

HPE 311 - Evaluation & Assessment in Health & Physical Education

Assessment in K-12 health and physical education, including tests of fitness, skill and motor performance, measuring the cognitive and affective domains, and grading procedures. Credits: (2)

HPE 312 - Health Education Pedagogy

Comprehensive health education including a philosophy and strategies for teaching comprehensive health education, and study of selected topics related to personal and community health problems. Credits: (3)

HPE 325 - Pedagogy & Prevention of Risky Behaviors K-12

Pedagogy course concerning high risky behaviors in the K-12 population. Provides strategies for the instruction of risky behavior prevention. Credits: (3)

HPE 343 - Classroom Management for Health & Physical Education

Provides students with the opportunity to learn the characteristics of and the strategies for successful classroom management in the health and physical education setting. Credits: (3)

HPE 345 - Children's Movement

Developmental approach to physical education for children. Curriculum implementation in field-based settings required. **Prerequisites & Notes** PREQ: HPE 256. COREQ: HPE 346 or permission of instructor. Credits: (3)

HPE 346 - Educational Dance & Gymnastics

A competency based course of methods and materials in rhythmical dance and gymnastics. **Prerequisites & Notes** PREQ: HPE 256. COREQ: HPE 345. Credits: (2)

HPE 350 - Current Health Problems

Incidence, diagnosis, treatment, rehabilitation, and prevention of leading community health problems; addictions; individual, family, and community effects; positive mental health as a deterrent. Credits: (3)

HPE 354 - Lifetime Sport & Physical Activity I

Methods, materials, and skills used in teaching sports: badminton, tennis and pickle-ball. **Prerequisites & Notes** PREQ: HPE 253. Credits: 2

HPE 355 - Fitness Concepts

This course is designed as practical application of fitness, wellness and conditioning concepts. The student will be actively engaged in planning program design for others. Credits: (3)

HPE 358 - Healthy Living Concepts

Pedagogy course designed to enable students to implement the healthful living standards emphasizing nutrition and physical activity concepts to reduce and prevent obesity. Credits: (3)

HPE 360 - Sexual Health Throughout the Lifespan

(Formerly HEAL 360) Factual information of sexual anatomy and functioning; concepts of sexually transmitted diseases and AIDS; and how decisions, behaviors, and lifestyles may affect our health. Credits: (3)

HPE 364 - Lifetime Sport & Physical Activity II

Methods, materials and skills used in teaching sports: swimming, disc golf and golf. Credits: (2)

HPE 424 - Adapted Movement & Wellness

Overview of current concepts and trends in adapted physical education. Topics include: legal rights, disabilities, assessment, planning, and physical activities for exceptional children. 3 Lecture, 1 Lab. **Prerequisites & Notes** PREQ: HPE 256 or permission of instructor. Credits: (3)

HPE 425 - Health and Physical Education Curriculum Development

Class management, teaching methods, and program content for grades K-12. **Prerequisites & Notes** PREQ: Must be admitted to the professional education sequence. COREQ: HPE 488. Credits: (3)

HPE 488 - Physical Education Internship I:6-12

A part-time internship in 6-12 health and physical education. **Prerequisites & Notes** PREQ: Must be admitted to the professional education sequence. COREQ: HPE 425. Credits: (3)

HPE 489 - Health & Physical Education Internship II:K-8

A 15-week internship in physical education instruction. **Prerequisites & Notes** PREQ: Must be admitted to the professional education sequence. COREQ: HPE 496. Credits: (9)

HPE 496 - The Healthful Living Teacher as Leader

Concepts of curriculum, instructional and professional leadership are examined. **Prerequisites & Notes** PREQ: Must be admitted to the professional education sequence. COREQ: HPE 489. Subscription to TaskStream © required. Credits: (3)

PE 101 - Yoga

Adapted yoga postures and breathing; foundations for meditation. 1 Lecture, 2 Lab. Credits: (2)

PE 102 - Basic Water Safety Skills

Basic water skills; Level III Stroke Readiness; American Red Cross swimming outline. 2 meetings. Credits: (1)

PE 105 - Water Safety Instructor-Lifeguarding Instructor

American Red Cross training for water safety instructor and lifeguarding instructor certificates. 3 meetings. **Prerequisites & Notes** PREQ: Life guard certification or permission of instructor. Credits: (2)

PE 107 - Synchronized Swimming

Creative patterns and movement with music. 2 meetings. **Prerequisites & Notes** PREQ: 103 or equivalent. Credits: (1)

PE 109 - Karate

Students will practice at their own individual level various techniques and forms to further progress their knowledge and skills. 2 meetings per week. Credits: (1)

PE 113 - Hiking

Safety and skills for organizing hiking and backpacking trips for small groups; clothing and equipment; map and compass; choosing hiking areas; weekend trips as arranged. 2 meetings. Credits: (1)

PE 114 - Jogging

Principles and physiological benefits of running and aerobic exercise. 2 meetings. Credits: (1)

PE 115 - Weight Training

Execution of various lifts; isotonic exercises; related health and safety factors. 2 meetings. Credits: (1)

PE 118 - Group Exercise

A physical fitness program utilizing simple routines and exercises. 2 meetings. Credits: (1)

PE 120 - RAD-Rape Aggression Defense

Overview of revention strategies and self-defense techniques in dealing with sexual assault. Credits: (1)

PE 122 - Beginning Tennis

This course is designed to provide a beginning player with basic skills and the knowledge of the strategies and rules of tennis. 2 meetings. Credits: (1)

PE 123 - Beginning Golf

This course gives students a conceptual and applicable knowledge of the sport of golf, while developing the necessary physical and mental abilities. 2 meetings. Credits: (1)

PE 124 - Handball

One-wall and four-wall handball. 2 meetings. Credits: (1)

PE 125 - Racquetball

One-wall and four-wall racquetball. 2 meetings. Credits: (1)

PE 126 - Bowling

This course is designed to provide a player with basic skills and the knowledge of the strategies and rules of bowling. 2 meetings. Credits: (1)

PE 130 - Lifeguard Training

American Red Cross outline for lifeguarding certificate. 3 meetings. Credits: (2)

PE 132 - Basketball

2 meetings. Credits: (1)

PE 133 - Volleyball

2 meetings. Credits: (1)

PE 134 - Softball

2 meetings. Credits: (1)

PE 135 - Soccer

2 meetings. Credits: (1)

PE 136 - Beginning Disc Golf

This course will explore techniques, strategies, etiquette, rules, and safety issues of disc golf as a lifetime fitness activity. Credits: (2)

PE 137 - Beginning Mountain Biking

This course will explore techniques, strategies, equipment, and safety issues of mountain biking as a lifetime fitness activity. Credits: (1)

PE 202 - Casting

Bait, spin, and fly casting; fundamentals and care of equipment. 2 meetings Credits: (1)

PE 203 - Snowboarding

Introduction, practice, and successful execution of the skills needed to enjoy snowboarding. On snow instruction at local snow resort. Meetings as announced. Credits: (1)

PE 204 - Alpine Skiing

Introduction, practice, and successful execution of the skills needed to enjoy alpine skiing. On-snow instruction at local snowpark areas. Meetings as announced. Credits: (1)

PE 205 - Modern Dance and Choreography

Dance as an art form and a physical activity; elements of composition for expressive, creative, rhythmic movement. 2 meetings. Credits: (1)

PE 206 - Social, Line, and Folk Dance

Skills, control, and poise required in social, line, and folk dances. 2 meetings. Credits: (1)

PE 207 - Fencing

2 meetings. Credits: (1)

PE 228 - Adapted Physical Education

Remedial and therapeutic activities. 2 meetings. **Prerequisites & Notes** PREQ: Permission of instructor and recommendation of a physician. Credits: (1, R3)

PE 231 - Aquarobics

Pool-based nonswimming aerobic activity for all ages and fitness levels. 2 meetings. Credits: (1)

PE 240 - Care and Prevention of Athletic Injuries

Prevention of injuries, bandaging, and the treatment of basic injuries in varsity athletics. Credits: (3)

PE 250 - Elementary School Physical Education Curriculum

Physical education in relation to the total curriculum. Credits: (2)

PE 264 - Skill Acquisition

The course emphasizes skill acquisition in tumbling, gymnastics and swimming. 2 meetings. Credits: (1)

PE 265 - Sports Officiating I

Rules, techniques, and mechanics in sports officiating; football, softball, baseball in 265; basketball, volleyball, soccer in 266. Credits: (2)

PE 267 - Principles of Athletic Coaching

The role of the athletic coach in the management of an athletic program, and in the supervision and instruction of athletes within an athletic program. Credits: (3)

PE 360 - Skills in Promoting Healthful Living

A competency-based course of methods and materials in health, first aid/safety, and physical education for the elementary school program. 2 Lecture, 1 Lab. Credits: (1)

PE 361 - Physical Education for the Elementary Teacher

A competency-based course of methods and materials in physical education for the elementary school program. 3 per week for 5 weeks. Credits: (1)

PE 365 - Physical Activity and Aging

This course will provide students with an understanding of the role physical activity plays in increasing health, wellness, and decreased disability as a person ages. Credits: (3)

PE 375 - Psychological Aspects of Physical Activity

The psychological and sociological aspects of physical activity as they relate to individuals, cultural values, and societal institutions. Credits: (3)

PE 380 - Independent Study

A topic in health, physical education, or recreation agreed upon by student and instructor. **Prerequisites & Notes** PREQ: ENGL 102; permission of department head. Credits: (1-3)

PE 383 - Instructional Apprenticeship

Apprenticeship to develop teaching and leadership skills before student teaching. 3 hours per credit hour. **Prerequisites & Notes** PREQ: Physical education major; permission of instructor. Credits: (1, R3)

PE 389 - Cooperative Education in PE and Sports

See Cooperative Education Program. Credits: (1 or 3, R15)

PE 410 - Coaching Baseball and Football

History, methods, materials, skills, and strategies of coaching baseball and football. **Prerequisites & Notes** PREQ: Junior-level standing; Credits: (3)

PE 411 - Coaching Basketball, Track, and Field

Methods, materials, skills, and strategies for women's and men's basketball and track and field. **Prerequisites & Notes** PREQ: Junior-level standing; Credits: (3)

PE 423 - Kinesiology

Structure and function of the human muscular system as related to sports and activities. **Prerequisites & Notes** PREQ: PE 335 or BIOL 291 and 292. Credits: (3)

PE 493 - Special Topics

Trends and issues in physical education, sport management, and recreation. Credits: (3, R6)

PE 520 - Leadership and Administration of Outdoor Pursuits

Leadership and Administration of Outdoor Pursuits Credits: (3)

PE 583 - Physical Education Advanced Internship

Physical Education Advanced Internship Credits: (9)

PE 596 - Seminar in Physical Education

Seminar in Physical Education Credits: (3)

PE 615 - Legal Issues in Human Performance

Legal Issues in Human Performance Credits: (3)

PE 621 - Research in Health and Human Performance

Research in Health and Human Performance Credits: (3)

PE 625 - Motor Learning

Motor Learning Credits: (3)

PE 630 - Physical Education Curriculum

Physical Education Curriculum Credits: (3)

PE 635 - Lifespan Motor Development

Lifespan Motor Development Credits: (3)

PE 640 - Administration of Physical Education

Administration of Physical Education Credits: (3)

PE 650 - Applied Physiology

Applied Physiology Credits: (3)

PE 655 - Methods and Analysis in Physical Education and Sport Instruction

Methods and Analysis in Physical Education and Sport Instruction Credits: (3)

PE 665 - Exercise Testing and Prescription

Exercise Testing and Prescription Credits: (3)

PE 675 - Issues in Intramurals and Athletics

Issues in Intramurals and Athletics Credits: (3)

PE 676 - Research Techniques in Exercise Physiology

Research Techniques in Exercise Physiology Credits: (3)

PE 694 - Special Problems

Special Problems Credits: (1-3, R9)

PE 699 - Thesis

Thesis Credits: (3, R6)

PE 779 - Continuing Research—Non-Thesis Option

Continuing Research—Non-Thesis Option Credits: (1,R10)

PE 799 - Continuing Research—Thesis Option

Continuing Research—Thesis Option Credits: (2, R24)

Middle Grades Education

EDMG 410 - The Middle School Child and Curriculum

Programs, methods, and materials for students in the middle grades. Credits: (3)

EDMG 411 - Differentiated Instruction in Middle Grades Education

Exploration of diversity with respect to ways of learning and developing strategies for differentiating instruction in grades 6-9. **Prerequisites & Notes** PREQ: Admission to professional education sequence. Credits: (3)

EDMG 415 - Language Arts Methods Grades 6-9

Teaching methods, materials, and curriculum development in language arts, grades 6-9, with emphasis on fostering written and digital communication. **Prerequisites & Notes** PREQ: Admission to the professional education sequence. Credits: (3)

EDMG 416 - Science Methods Grades 6-9

Methods for teaching science in grades 6-9. **Prerequisites & Notes** PREQ: Admission to the professional education sequence. Credits: (3)

EDMG 417 - Social Studies Methods Grades 6-9

Methods, materials, and strategies for teaching social studies in grades 6-9. **Prerequisites & Notes** PREQ: Admission to professional education sequence. Credits: (3)

EDMG 419 - Mathematics Methods Grades 6-9

The development of mathematical concepts: program, methods, and materials for grades 6-9. **Prerequisites & Notes** PREQ: Admission to the professional education sequence. Credits: (3)

EDMG 420 - Responsive Assessment & Classroom Management

The exploration of diversity with respect to classroom management and assessment, generate strategies for assessing learning, and develop plans for responsive learning communities. **Prerequisites & Notes** PREQ: EDMG 410 and EDMG 411. Admission to the professional education sequence. Credits: (3)

EDMG 466 - Digital Literacy Methods Grades 6-9

The study and use of the forms of digital literacy in school and professional settings; emphasis on instructional applications, issues and trends. Only offered spring semester. **Prerequisites & Notes** Admission to the professional education sequence. Credits: (3)

EDMG 510 - Middle School Curriculum and Instruction

Middle School Curriculum and Instruction Credits: 3

EDMG 588 - Internship I for Middle Grades

Internship I for Middle Grades Credits: (2, R4)

EDMG 589 - Internship II in Middle Grades

Internship II in Middle Grades **Prerequisites & Notes** COREQ: EDMG 587. Credits: 6

EDMG 621 - Issues and Trends in Middle Grades Education

Issues and Trends in Middle Grades Education Credits: (2)

EDMG 622 - Teaching-Learning Strategies for the Middle Grades

Teaching-Learning Strategies for the Middle Grades Credits: (3)

EDMG 623 - Teaching Writing in the Middle Grades

Teaching Writing in the Middle Grades Credits: (3)

EDMG 680 - Research in the Middle Grades: Proposal

Research in the Middle Grades: Proposal Credits: (2)

EDMG 681 - Research for the Middle Grades: Project

Research for the Middle Grades: Project Credits: (2)

EDMG 682 - Trends and Issues in Middle Grades Education: The Professional Portfolio

Trends and Issues in Middle Grades Education: The Professional Portfolio Credits: (2)

EDMG 979 - Continuing Research—Non-Thesis Option

Continuing Research—Non-Thesis Option Credits: (1, R10)

Parks and Recreation Management

PRM 593 - Topics in Parks and Recreation Management

Topics in Parks and Recreation Management Credits: (1-3, R6)

Reading

EDRD 150 - College Reading and Vocabulary

Extending skills for college and recreational reading: emphasis on vocabulary and comprehension. Credits: (3)

EDRD 303 - Children's Literature in the 21st Century

The exploration of literary experiences and the ways in which literature can be used to teach across the curriculum K-6.

Prerequisites & Notes PREQ: EDCI 201 Credits: (3)

EDRD 323 - Reading and Communication Skills in Content Areas

Methods for teaching reading and other communication skills in content areas. **Prerequisites & Notes** PREQ:

Admission to the professional education sequence. Credits: (2)

EDRD 334 - Foundations of Reading/Language Development & Instruction

Research, theory and instructional practices for teaching reading in grades K-2; emergent reading, language development, phonemic awareness and phonics, balanced literacy, and early literacy assessments. **Prerequisites & Notes** PREQ: EDCI 201 with C or better. Credits: (3)

EDRD 335 - Content Reading for Intermediate Grade Learners

Research, theory, and instructional practice related to integrating reading with all subject areas; vocabulary, comprehension, study skills, addressing the needs of diverse and struggling readers. Includes an extensive, field-based component. **Prerequisites & Notes** PREQ: EDCI 201 with a C or better Credits: (3)

EDRD 389 - Cooperative Education in Reading

See Cooperative Education Program. Credits: (1 or 3, R15)

EDRD 443 - Middle Grades Reading

Methods and materials for teaching reading and other communication skills in the middle grades; emphasis on organization for instruction, word identification and comparison skills, and reading in content materials. **Prerequisites & Notes** PREQ: Admission to the professional education sequence. Credits: (3)

EDRD 453 - High School and Adult Reading

Methods and materials for teaching reading in high school and adult education. **Prerequisites & Notes** PREQ: 443. Credits: (3)

EDRD 467 - Adolescent Literature

The reading development and reading interests of adolescents; criteria for evaluation; instructional strategies; study of a wide range of books. Credits: (3)

EDRD 474 - Practicum in Teaching Reading and Writing 3 hrs.

Assessment of reading and writing problems and strategies for teaching reading and writing. **Prerequisites & Notes** PREQ: 334 or 443 and admission to the professional education sequence in your program. Credits: (3)

EDRD 520 - Phonics and Word Analysis

Phonics and Word Analysis Credits: (3)

EDRD 543 - Middle Grades Reading

Middle Grades Reading Credits: (3)

EDRD 553 - High School and Adult Reading

High School and Adult Reading Credits: (3)

EDRD 567 - Adolescent Literature

Adolescent Literature Credits: (3)

EDRD 574 - Practicum in Teaching Reading

Practicum in Teaching Reading **Prerequisites & Notes** 2 Lecture, 2 Lab. Credits: (3)

EDRD 631 - Smoky Mountain Language and Literacy Institute

Smoky Mountain Language and Literacy Institute Credits: (3, R9)

EDRD 651 - Clinical Procedures in Remedial Reading

Clinical Procedures in Remedial Reading Credits: (3)

EDRD 653 - Advanced Children's Literature

Advanced Children's Literature Credits: (3)

EDRD 740 - Reading Research Projects

Reading Research Projects Credits: (3)

Secondary Education and Special Subject Teaching

EDSE 322 - Principles and Methods of Teaching

Methods, strategies, materials, and techniques of clinical and classroom teaching. **Prerequisites & Notes** PREQ: Admission to the teacher education program. Credits: (2)

EDSE 484 - Supervised Internship I

A part-time internship in K-12 schools. Student internship program for secondary and special subject area majors. **Prerequisites & Notes** PREQ: Requires admission to the Teacher Education Program. Credits: (1-3)

EDSE 485 - Internship II

A fulltime internship. **Prerequisites & Notes** PREQ: Admission to the Teacher Education Program. COREQ: 495 and ART, ENGL, GER, HIST, MATH, MUS, SCI, or SPAN 491. Credits: (6)

EDSE 486 - Field Experience in Teaching

Supervised experience for a second teaching certification or for an initial certification for individuals who are employed as full-time teachers. 9 hours per week. **Prerequisites & Notes** PREQ: Admission to the Teacher Education program. Credits: (3, R6)

EDSE 490 - Supervised Student Teaching

A full-time teaching experience. **Prerequisites & Notes** PREQ: Admission to the Teacher Education Program. COREQ: 495 and ART, ENGL, GER, HIST, MATH, MUS, SCI, or SPAN 491. Credits: (6)

EDSE 495 - Seminar

Theory related to practice during student teaching or internship. **Prerequisites & Notes** PREQ: Admission to the Teacher Education Program. COREQ: 490 and ART, ENGL, GER, HIST, MATH, MUS, SCI, or SPAN 491. Credits: (3)

Special Education

BKSE 313 - Assessment of the Young Child

Assessment activities including screening, diagnostic assessment, and educational assessment for young children, with emphasis on connecting observation, assessment, planning, and evaluation. 2 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: SPED 240; GPA 2.75 or higher. Professional Education Concentration. Credits: (3)

BKSE 314 - Observational Assessment & Screening of Young Children

Assessment in children birth to five in a variety of early childhood settings such as homes, daycare and public schools. Early Childhood Concentration only. **Prerequisites & Notes** PREQ: SPED 240. Student must have a GPA of 2.75 in order to take this course. Credits: (3)

BKSE 345 - Adaptations and Modifications for Young Children with Disabilities

Methods and materials for supporting young children with disabilities in their naturally occurring environments. 2 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: SPED 240, GPA 2.75 or higher. Credits: (3)

BKSE 411 - Family Collaborative Planning

Development, implementation, monitoring of plans (IFSP, IEP); knowledge of state, federal legislation, agency programs affecting young children with disabilities and their families. Collaborating, interviewing families. **Prerequisites & Notes** PREQ: GPA 2.75 or higher. Credits: (3)

BKSE 412 - Interagency Planning

Professional roles and functions of early childhood teams, transdisciplinary team process, structures of interagency collaboration, service coordination, and transition. 2 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: 240, GPA 2.75 or higher, Admission in to Teacher Education. Credits: (3)

BKSE 415 - Evaluation & Intervention of Social-Emotional Competencies in Young Children

Causes, prevention, assessment and intervention strategies when working with young children with challenging behaviors. **Prerequisites & Notes** PREQ: GPA of 2.75 Credits: (3)

BKSE 427 - Teaching Reading to Yng Children w/Disabilities

Methods and materials for teaching reading to young children with disabilities. **Prerequisites & Notes** PREQ: GPA of 2.75. Admission to Teacher Education. Credits: (3)

SPED 200 - Survey of Exceptionalities

Historical, philosophical, and legal basis of special education; characteristics and related educational needs of children with disabilities; models of delivery of services and trends in special education for children birth to five years old. **Prerequisites & Notes** PREQ: BK 260 and admission to professional education sequence. Credits: (3)

SPED 240 - The Exceptional Child

Areas and characteristics of exceptionalities; problems in learning and personal-social adjustment of exceptional children; educational alternatives. Credits: (3)

SPED 241 - Exceptional Learners in the Adapted Curriculum

Definition of severe disabilities, issues people with severe disabilities face, and the issues relevant to the education of learners with severe disabilities. **Prerequisites & Notes** PREQ: 240. Credits: (3)

SPED 310 - Assessment for Instruction

Developing and using assessment programs and evaluation procedures. Credits: (3)

SPED 311 - Positive Behavioral Supports for Students with Severe Disabilities

Positive behavioral supports, functional behavioral assessments and positive behavioral support plans for students with severe disabilities. **Prerequisites & Notes** PREQ: 240 and 241. Credits: (3)

SPED 312 - Teaching Elementary Students with Learning Problems (K-6)

Methods and materials for evaluating and instructing children with mild to moderate learning problems. **Prerequisites & Notes** PREQ: 240, admission to the professional education sequence. Credits: (3)

SPED 315 - Post-Secondary Education for Students with Intellectual Disabilities

This course provides information about principles and practices of providing post-secondary education to students with intellectual disabilities on a college campus. **Prerequisites & Notes** Permission of instructor required. Credits: (3)

SPED 335 - Teaching Exceptional Children

Overview of exceptional children; emphasis on methods and materials for integrating students into regular classrooms. Field experience required. **Prerequisites & Notes** PREQ: Admission to the teacher education program or permission of department head. Credits: (2)

SPED 336 - Teaching Exceptional Children in Secondary Education

Overview of exceptional children; emphasis on methods and materials for integrating students into general classrooms at the middle and secondary level. Field experience required. **Prerequisites & Notes** PREQ: Admission to the teacher education program or permission of department head. Credits: (3)

SPED 337 - Teaching Exceptional Children in Elementary and Middle Grades

Overview of exceptional children; emphasis on methods and materials for integrating students into general classrooms in elementary and middle grades. Field experience required. **Prerequisites & Notes** PREQ: Admission to the teacher education program or permission of department head. Credits: (3)

SPED 339 - Designing Classrooms as Responsive Learning Communities

Creating learning communities responsive to individual and cultural differences and exceptionalities. Field experience and subscription to TaskStream© required. **Prerequisites & Notes** PREQ: EDCI 201. Credits: (3)

SPED 344 - Assistive Technology for Severe Disabilities

Use of assistive technology such as augmentative and alternative communication devices, and devices to support the health and medical needs of people with severe disabilities. **Prerequisites & Notes** PREQ: 240 and 241. Credits: (3)

SPED 389 - Cooperative Education in Special Education

See Cooperative Education Program. Credits: (1 or 3, R15)

SPED 400 - Creative Thinking and Problem-Solving

Exploration of creative thinking; emphasis on current research and present methodologies of problem-solving. Credits: (3)

SPED 401 - Exceptional Learners in the General Curriculum

Inclusion of students with mild disabilities in the general curriculum; the Response to Intervention model.. Credits: (3)

SPED 405 - Exceptional Learners in the General Curriculum II

Multidisciplinary approach to mental retardation; mental performance and functioning related to human development. **Prerequisites & Notes** PREQ: 240. Credits: (3)

SPED 407 - Behavioral Issues in the General Curriculum

An introduction to behavioral disorders including characteristics, referral, assessment and placement of individuals with behavioral disorders. **Prerequisites & Notes** PREQ: 240 or permission of department head. Credits: (3)

SPED 413 - Teaching Adolescents with Learning Problems

Survey and evaluation of curricular models, diagnosis, developing instructional strategies, establishing goals and objectives. **Prerequisites & Notes** PREQ: 312, admission to professional- education sequence, senior status. Credits: (3)

SPED 414 - Curriculum and Methods for Students in the Adapted Curriculum

Functional curriculum development and implementation of effective systematic instructional strategies with learners who have severe disabilities. **Prerequisites & Notes** PREQ: 240 and 241. Credits: (3)

SPED 417 - Managing Classrooms for Exceptional Children

Principles and techniques of classroom and behavior management. **Prerequisites & Notes** PREQ: 240 and admission to the teacher education program. Credits: (3)

SPED 423 - Teaching Reading to Individuals with Mild to Moderate Disabilities

Methods and materials for teaching reading to individuals with mild to moderated disabilities. **Prerequisites & Notes** PREQ: 240 and admission to the professional education sequence. Credits: (3)

SPED 430 - Classroom Leadership

Becoming a proactive educator and collaborating with other professionals, community, and families. **Prerequisites & Notes** PREQ: Admission to Teacher Education. Credits: 3

SPED 432 - The Physically Handicapped Child

Social, psychological, and medical problems of children with physical disabilities. Credits: (3)

SPED 467 - Home-Based Intervention

Methods and materials for providing home-based intervention; working collaboratively with families and other service providers to promote effective service delivery. 2 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: SPED 240; CDFR 363; or permission of instructor. Credits: (3)

SPED 470 - Early Childhood Curriculum

Materials, environments, and interactions for two- to five-year olds in all curricular areas, including thinking and social problem-solving for children with and without disabilities. This course is cross-listed with BK and EDEL 470. 2 Lecture, 3 Lab. Credits: (3)

SPED 471 - Introduction to Gifted Education

Historical concepts of gifted education; examination of the definitions of giftedness; examination of the characteristics and unique needs of gifted students; screening and identification procedures. Credits: (3)

SPED 475 - Methods and Models of Gifted Education

Examination and analysis of the methods and models of gifted education. **Prerequisites & Notes** PREQ: 471 or equivalent. Credits: (3)

SPED 477 - Curriculum Differentiation for Gifted Learners

Exploration of ways to adapt content, process, product and the learning environment to provide appropriate learning experiences for gifted students. **Prerequisites & Notes** PREQ: 471 or equivalent. Credits: (3)

SPED 480 - Independent Study in Special Education

Individual study in Special Education. Credits: (1-3, R6)

SPED 484 - Special Education Internship I

3-9 hours field experience. Three hours per credit hour. **Prerequisites & Notes** PREQ: Written application, permission of instructor and adviser. Credits: (1-3)

SPED 485 - Field Experience in Teaching

Supervised experience for a second teaching certificate or for an initial certification for individuals who are employed as full-time teachers. 9 hours per week. Credits: (3, R6)

SPED 490 - Supervised Student Teaching

A full-time teaching experience. **Prerequisites & Notes** COREQ: 495. Credits: (9)

SPED 493 - Special Topics in Special Education

Special topics relevant to Special Education. Credits: (1-3, R6)

SPED 495 - Special Education Seminar

Working with parents, teachers, students, and others in a helping consultative relationship; skills for effective participation on interdisciplinary teams. **Prerequisites & Notes** PREQ: 240 and admission to the teacher education program. COREQ: 490. Credits: (3)

SPED 500 - Creative Thinking and Problem Solving

Creative Thinking and Problem Solving Credits: (3)

SPED 501 - Introduction to Learning Disabilities

Introduction to Learning Disabilities Credits: (3)

SPED 502 - Current Issues in Special Education

Current Issues in Special Education Credits: (3)

SPED 503 - Current Issues in Gifted Education

Current Issues in Gifted Education Credits: (3)

SPED 504 - Educational Programs for Students with Behavioral Disorders

Educational Programs for Students with Behavioral Disorders Credits: (3)

SPED 505 - Teaching Students with Learning Disabilities

Teaching Students with Learning Disabilities Credits: (3)

SPED 528 - Programs and Services for Individuals with Severe/Profound Disabilities

Programs and Services for Individuals with Severe/Profound Disabilities Credits: (3)

SPED 529 - Educational Programs for Students with Intellectual Disabilities

Educational Programs for Students with Intellectual Disabilities Credits: (3)

SPED 530 - Teaching Individuals with Moderate to Severe Disabilities

Teaching Individuals with Moderate to Severe Disabilities Credits: (3)

SPED 532 - Methods for Teaching Students with Severe/ Profound Disabilities

Methods for Teaching Students with Severe/ Profound Disabilities Credits: (3)

SPED 533 - Collaboration with Families and Professionals

Collaboration with Families and Professionals Credits: (3)

SPED 534 - Positive Behavior Supports for Students with Severe Disabilities, Advanced

Positive Behavior Supports for Students with Severe Disabilities, Advanced Credits: (3)

SPED 555 - Creating Positive Classrooms for Students with Disabilities

Creating Positive Classrooms for Students with Disabilities Credits: (3)

SPED 566 - Approaches and Practices for Teaching Students with Disabilities

Approaches and Practices for Teaching Students with Disabilities Credits: (3)

SPED 567 - Reading, Writing, and Mathematics Curriculum for Students with Disabilities

Reading, Writing, and Mathematics Curriculum for Students with Disabilities Credits: (3)

SPED 571 - Introduction to Gifted Education

Introduction to Gifted Education Credits: (3)

SPED 575 - Methods and Models of Gifted Education

Methods and Models of Gifted Education Credits: (3)

SPED 577 - Curriculum Differentiation for Gifted Learners

Curriculum Differentiation for Gifted Learners Credits: (3)

SPED 587 - Initial Licensure Practicum

Initial Licensure Practicum Credits: (3)

SPED 593 - Topics in Special Education

Topics in Special Education Credits: (1-3, R6)

SPED 603 - Administration of Special Education Programs

Administration of Special Education Programs Credits: (3)

SPED 604 - Theory and Practice in Early Intervention

Theory and Practice in Early Intervention Credits: (3)

SPED 606 - Intervention for Young Children with Developmental Disabilities

Intervention for Young Children with Developmental Disabilities Credits: (3)

SPED 620 - Education in a Diverse Society

Education in a Diverse Society Credits: (3)

SPED 630 - Teaching Students with Mild to Moderate Intellectual Disabilities

Teaching Students with Mild to Moderate Intellectual Disabilities Credits: (3)

SPED 631 - Appraisal of Exceptional Children

Appraisal of Exceptional Children Credits: (3)

SPED 632 - Preschool Disorders: Assess. and Evaluation

Preschool Disorders: Assess. and Evaluation Credits: (3)

SPED 639 - Teaching Exceptional Learners in Inclusive Classrooms

Methods and techniques for teaching exceptional learners in the general curriculum. Credits: (3)

SPED 681 - Seminar in Learning Disabilities

Seminar in Learning Disabilities Credits: (3)

SPED 682 - Research in Special Education

Research in Special Education Credits: (3)

SPED 684 - Teaching Students with Behavioral Disorders

Teaching Students with Behavioral Disorders Credits: (3)

SPED 687 - Practicum in Special Education

Practicum in Special Education Credits: (1-3, R9)

SPED 688 - Practicum in Special Education

Practicum in Special Education Credits: (1-3, R3)

SPED 779 - Continuing Research—Non-Thesis Option

Continuing Research—Non-Thesis Option Credits: (1-3)

School of Stage & Screen

Office Info: 233 Stillwell Building/Main Campus (828) 227-7491 sas@email.wcu.edu

Department Website

Tom Salzman, Department Head Faculty/Staff Directory (search by department)

Dance

DA 255 - Tap

Beginning tap rhythms with emphasis on vocabulary and execution. 3 Studio. PREQ: 258 **Prerequisites & Notes** PREQ: 258 or permission of instructor. Credits: (1, R3)

DA 257 - Dance Performance

Student involvement in a departmentally sponsored production. S/U grading. 3 Studio. PREQ: Permission of instructor **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1)

DA 258 - Dance Techniques

Foundation techniques of basic movement with strong emphasis on dance terminology; barre and floor work. 4 Studio. Credits: (2, R6)

DA 259 - Dance Appreciation

Survey of the history of Western concert dance with an emphasis on the cultural, political, and social influences that shape our view of the medium. (P5) Credits: (3)

DA 260 - Anatomy for Dance

Anatomy/biomechanics as it applies to dance techniques culminating in an individualized conditioning program to improve muscular/cardiovascular strength and range of motion/flexibility. 2 Lecture, 1 Studio Credits: (1)

DA 261 - Ballet I

Intermediate ballet technique. 4 Studio, PREQ: DA 258 or permission of instructor. **Prerequisites & Notes** PREQ: 258 or permission of instructor. Credits: (2, R4)

DA 262 - Modern I

Intermediate modern dance technique. 4 Studio. PREQ: DA 258 or permission of instructor. **Prerequisites & Notes** PREQ: 258 or permission of instructor. Credits: (2, R4)

DA 263 - Musical Theatre Styles

Survey of historical trends in American Musical Theater through choreography. 3 Lab. **Prerequisites & Notes** PREQ: 258 and (255 or 256 or 261) or permission of instructor. Credits: (2, R4)

DA 264 - Jazz

Techniques and style involved in jazz dance. 2 Lab. PREQ: DA 258 or permission of instructor. **Prerequisites & Notes** PREQ: 258 or permission of instructor. Credits: (2, R4)

DA 301 - Dance Choreography

Applications of dance technique in creative composition. Involves various types of dance. 1 lecture, 2 Studio, PREQ: DA 258 **Prerequisites & Notes** PREQ: 258. Credits: (2)

DA 302 - Choreography Production

The development, presentation, and evaluation of choreographic projects designed by individual students. These may include theatrical, school, and community involvement. 1 Lecture, 2 Studio, PREQ: DA 301 **Prerequisites & Notes** PREQ: 301. Credits: (2)

DA 303 - Ballet II

Intermediate/advanced ballet technique. Progressive and continuous perfecting of more advanced skills in ballet technique. 4 Studio, PREQ: DA 261. **Prerequisites & Notes** PREQ: DA 261. Credits: (2, R4)

DA 304 - Modern II

Intermediate/advanced modern dance technique. 4 Studio. PREQ: DA 262 **Prerequisites & Notes** PREQ: 262. Credits: (2, R4)

DA 305 - Jazz II

Intermediate/advanced jazz technique. 4 Studio. PREQ: DA 264, or 261, 262 or permission of instructor. **Prerequisites & Notes** PREQ: DA 264, 261, 262 or permission of instructor. Credits: (2, R4)

DA 306 - Tap II

Intermediate/advanced tap rhythms. Progressive and continuous perfecting of the tap dance technique. 3 Studio, PREQ: DA 255 or permission of instructor. **Prerequisites & Notes** PREQ: 255 or permission of instructor Credits: (2, R4)

DA 307 - Teaching Methods for Dance

Explores the preparation and execution of a dance technique class. Will include curriculum design, teaching assignments and documentation of student assessment. 2 Lecture, 1 Studio, PREQ: 303, 304, or 305 and 260. **Prerequisites & Notes** PREQ: 303, 304, or 305 and 260. Credits: (2)

Motion Picture and Television Production

MPTP 150 - Thinking Like A Filmmaker

An introduction to the arts used by filmmakers in creating cinematic art as well as to the skills and thought processes filmmakers use. Credits: (3)

MPTP 250 - Basic Production Techniques

Introduction to use of camera, lighting, sound, and editing. **Prerequisites & Notes** PREQ: MPT major or permission of instructor. Credits: (3)

MPTP 253 - Introduction to Film Directing

Students will shoot and edit short films as they learn the basics of cinematic language. **Prerequisites & Notes** PREQ: 250 or permission of instructor. Credits: (3)

MPTP 310 - Introduction to Screenwriting

Introduction to writing teleplays and screenplays; preparation of original manuscripts for agents. (Closed to freshmen 0-24 hours). **Prerequisites & Notes** PREQ: ENGL 101. Credits: (3)

MPTP 320 - Adapting the Short Story

Students will each choose a short story and then write a screen adaptation. **Prerequisites & Notes** PREQ: 310 or permission of instructor. Credits: (3)

MPTP 321 - Scene Writing

A concentrated seminar/workshop in writing scenes for the screen. **Prerequisites & Notes** 310 or permission of instructor. Credits: (3)

MPTP 335 - Intermediate Cinematography

This course covers intermediate techniques of cinematography and production lighting. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: 250 or permission of instructor. Credits: (3)

MPTP 340 - Filmmakers on Filmmaking

Students will examine in depth how screen artists approach their craft and art. Lecture, P5 Credits: (3)

MPTP 357 - Non-Linear Editing

Students will learn the art of editing from assembly through fine cut, sound and music editing. **Prerequisites & Notes** PREQ: MPTP 253 Credits: (3)

MPTP 359 - Elements of Motion Picture Production

Course examines how a motion picture is put together from script to final print. Lectures plus hands-on workshops. 2 Lecture, 2 Lab. Credits: (3)

MPTP 361 - Intermediate Directing

Focus on directing actors, staging for camera, and scene analysis. 3 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: MPTP 253 Credits: (3)

MPTP 365 - Producing

Students will learn how to produce a film project from script development, financing and legal issues through production to sales and marketing. **Prerequisites & Notes** PREQ: MPTP 253 or permission of instructor Credits: (3)

MPTP 386 - Production Practicum II

Students will work on independent or departmental projects. 1 Lecture, 2 Lab. Credits: (1, R5)

MPTP 406 - Screenwriting II

Outline a complete feature-length screenplay and write the first act of that screenplay. Closed to freshmen 0-24 hours. **Prerequisites & Notes** PREQ: 310. Credits: (3)

MPTP 407 - Screenwriting III

Complete and rewrite the screenplay begun in MPTP 406. Closed to freshmen 0-24 hours. **Prerequisites & Notes** PREQ: 406 and permission of instructor. Credits: (3, R6)

MPTP 409 - Writing the Series

Students will write an episode of a dramatic television series and learn how to function in a "writers' room". **Prerequisites & Notes** PREQ: MPTP 310. Credits: (3)

MPTP 410 - Writing the Pilot

Students will conceive and write the pilot episode of an original television series. **Prerequisites & Notes** PREQ: MPTP 310 and MPTP 409 or permission of instructor. Credits: (3)

MPTP 436 - Advanced Cinematography

Advanced techniques of cinematography, production lighting techniques, and use of the High Definition Camcorder and recorder operations in professional high definition formats. **Prerequisites & Notes** PREQ: MPTP 335 plus permission of instructor. Credits: (3)

MPTP 457 - Advanced Editing

Advanced techniques of editing and post production explored within context of editing a major project. **Prerequisites & Notes** PREQ: 357 and permission of instructor. Credits: (3)

MPTP 460 - Directing the Documentary

This intermediate course will teach students the theory and techniques required to direct a digitally shot and edited documentary. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: MPTP 253 or permission of instructor. Credits: (3)

MPTP 461 - Advanced Directing

Students will work in teams to write, produce and direct a narrative short building on techniques learned in MPTP 450. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: MPTP 361 Credits: (3)

MPTP 483 - Internship in Motion Picture/TV

Work experience in the motion picture/TV industry. 150 hours of work required. **Prerequisites & Notes** PREQ.: 60 hours completed and/or permission of program director Credits: (3, R6)

MPTP 488 - Senior Project I

Students will write and prep their senior production. 3 Lab. Credits: (2)

MPTP 489 - Senior Project II

Students will shoot and complete their senior production. **Prerequisites & Notes** 488. Credits: (2)

MPTP 493 - Special Topics in Motion Picture Production

Study in special area of interest in motion picture and television production. Credits: (3, R9)

Theatre

THEA 104 - The Theatre Experience

Analysis of what the theatre is about, what goes on in the theatre, and what it means to be a viewer. (P5) Credits: (3)

THEA 130 - Makeup

Application of stage makeup. Credits: (1)

THEA 131 - Introduction to Professions

Survey of theatre and related professions and script analysis for beginning majors and minors . 2 Lecture, 2 Lab. Credits: (3)

THEA 140 - Acting I

Introduction to the basic principles of acting. Credits: (3)

THEA 170 - Theatre Production Seminar

Orientation to theatre front of house operations including business procedures and practices for theatrical productions. Participation in creation and distribution of public relations for productions. 1 Lecture, 2 Lab. S/U Grading. Credits: (1)

THEA 172 - Theatre Production: Stagecraft

Hands-on participation in the construction, installation or operation of the technical elements of stage lighting, sound and scenery. Credits: (1, R2)

THEA 173 - Theatre Production: Costume

Hands-on participation in the construction or operation of stage costumes and accessories. Credits: (1, R2)

THEA 191 - Integral Arts

Exploring the integral nature of art as how we live, record our life and world, and imagine our future. Open to majors within the College of Fine and Performing Arts, others by permission of the Director of the School of Stage and Screen. Credits: (3)

THEA 220 - Stage Movement

Basic stage movement techniques using physicality to create realistic and effective characterizations. Includes Stage Combat. Credits: (3)

THEA 231 - Stagecrafts for Stage and Screen (Scenic/Lighting)

Practical introduction to scenic construction, lighting and associated crafts for theatre, motion picture and television. Credits: (3)

THEA 235 - Stage Management

Introduction to stage management. An analysis of organizational communication and the structure of the productions team. Including exploring the unique relationship with the Director. Credits: (3)

THEA 237 - Costume Crafts and Makeup

Introduction to costume crafts, construction, wardrobe and makeup for Theatre, Motion Picture and TV. Credits: (3)

THEA 240 - Voice and Articulation

Breath and sound production, vocal range, projection, and vowel and consonant production for standard American speech and character voices. Credits: (3)

THEA 260 - Dialects

The study of dialects and accents for the actor. **Prerequisites & Notes** 240. Credits: (1)

THEA 270 - Theatre Arts Workshops I

Practical experience in productions. **Prerequisites & Notes** PREQ: THEA 170 or permission of instructor. Credits: (1, R4)

THEA 271 - Theatre in Education Workshop I

Experiential development of theatre with an educational goal focused on culture, literature, art, music, and service. (P5)
Credits: (3)

THEA 302 - Dramatic Literature and Criticism

A survey of Western dramatic literature and modes of criticism from antiquity to contemporary theater. Credits: (3)

THEA 310 - World Theatre

Students will explore Non-Western theatrical works (Asian, Hispanic, African) and Western works that focus on multicultural perspectives and cultural diversity. (P5) Credits: (3)

THEA 320 - Stage Movement II

Advanced studio class for stage movement, emphasis on stage combat, including safety and methods with a focus on rapier and dagger skills. **Prerequisites & Notes** PREQ: THEA 220 & Permission of Instructor Credits: (3, R2)

THEA 330 - Makeup II

Advanced makeup techniques and makeup design integrating makeup, hair, and wigs. Project oriented. 3 Lab.
Prerequisites & Notes PREQ: 130. Credits: (1)

THEA 332 - Introduction to Design for Stage and Screen

Principles and practices of design as applied to theatre, motion pictures and television. Project oriented. **Prerequisites & Notes** PREQ: 131. Credits: (3)

THEA 333 - Scenic Technology

Advanced theory and practice in technology associated with scenic construction, emphasis on preparation for supervision of a basic scene shop. **Prerequisites & Notes** PREQ: 332. Credits: (3)

THEA 335 - Lighting Technology

Advanced theory and practices in technology associated with theatre lighting, emphasis on preparation for supervision of lighting crew. **Prerequisites & Notes** PREQ: 332. Credits: (3)

THEA 337 - Costume Technology

Advanced theory and practice associated with costume construction, emphasis on preparation for supervision of a basic costume shop. **Prerequisites & Notes** PREQ: 332. Credits: (3)

THEA 340 - Acting II

Introduction to character analysis and styles. **Prerequisites & Notes** PREQ: 131, 140. Credits: (3)

THEA 341 - Acting III

Advanced scene work for theatre majors. **Prerequisites & Notes** PREQ: 340. Credits: (3)

THEA 345 - Acting for the Camera I

The art of acting as it relates to the television/film environment. **Prerequisites & Notes** PREQ: 140 or 340. Credits: (3)

THEA 346 - Acting for the Camera II

Acting for the Camera II **Prerequisites & Notes** PREQ: 345. Credits: (3)

THEA 350 - Directing I

Survey and practical application of the basic theories of play directing. **Prerequisites & Notes** PREQ: 131, 140, 231. Credits: (3)

THEA 351 - Directing II

Directing colloquium: production problems and solutions. **Prerequisites & Notes** PREQ: 350. Credits: (3)

THEA 370 - Theatre Arts Workshops II

Advanced experience on stage or backstage in a major role or in a leadership position of a production. **Prerequisites & Notes** PREQ: THEA 270 & permission of instructor. Credits: 2, R6)

THEA 389 - Cooperative Education in Theatre Arts

See Cooperative Education Program. **Prerequisites & Notes** PREQ: Completed 60 hours and permission of department head. Credits: (1-3, R6)

THEA 400 - History of the Theatre I

Origins, development of theatrical forms, and style through the study of acting, physical facilities, design, and cultural milieu; Greek period to 1700. **Prerequisites & Notes** PREQ: 60 hours. Credits: (3)

THEA 401 - History of the Theatre II

Origins, development of theatrical forms, and style through the study of acting, physical facilities, design, and cultural milieu; 1700 to present. **Prerequisites & Notes** PREQ: 60 hours. Credits: (3)

THEA 432 - Design I

Theoretical and practical approach to design of scenery, costumes and lighting for stage and screen. Project oriented; emphasis on portfolio preparation. **Prerequisites & Notes** PREQ.: THEA 332 or Permission of instructor. Credits: (3)

THEA 438 - Period Styles

Survey of costume/clothing as a statement of personal identity, and as a mirror of society. Ancient world through 20th century. Credits: (3)

THEA 441 - Acting IV

In-depth character analysis and application. **Prerequisites & Notes** PREQ: 341. Credits: (3)

THEA 442 - Design II

Advanced theoretical and practical approach to scenery, costume and lighting design for stage and screen; Project oriented; emphasis on portfolio preparation. **Prerequisites & Notes** PREQ.: THEA 432 or permission of instructor. Credits: (3)

THEA 483 - Internship in Theatre Arts

Work experience in the theatre industry. S/U grading. 9 hours per week per 3-hour course. **Prerequisites & Notes** PREQ: Completed 60 hours and/or permission of department head. Credits: (3, R9)

THEA 486 - Theatre Production

Intensive training in performance, design, or theatre technology. **Prerequisites & Notes** PREQ: Permission of department head. Credits: (3, R12)

THEA 493 - Selected Topics in Theatre Studies

Study in a special area of interest in theatre. Credits: (1-3, R9)

THEA 495 - B.A. Senior Project

Capstone course for the B.A. in Stage & screen. Course is intended to synthesize and demonstrate acquired knowledge and skills related to the associated industry. Credits: (3)

THEA 496 - Seminar in Professional Development

Seminar in career preparation for the emerging professional. **Prerequisites & Notes** PREQ: Senior status. Credits: (1)

THEA 499 - BFA Thesis/Senior Showcase

BFA Thesis/Senior Showcase Credits: (2)

THEA 586 - Theatre Production

Theatre Production Credits: (3)

THEA 593 - Selected Topics in Theatre Arts

Selected Topics in Theatre Arts Credits: (3)

School of Art and Design

Office Info: Bardo Arts Center/Main Campus (828) 227-7210 artdept@email.wcu.edu

Department Website

Matt Liddle, Department Head Faculty/Staff Directory (search by department)

For information on special majors in this department that are available through the Humanities Program, please check the Humanities copy under “The Honors College” in the catalog or contact The Honors College at (828) 227-7383.

Art

ART 103 - Art in Society

Examination of recurring visual forms in historic context as expressions of cultural values and aspirations. Credits: (3)

ART 104 - Introduction to the Visual Arts

An analysis of artists and their works, forms and methods of visual expression, and examination of critical thinking as applied to visual form and content. (P5) Credits: (3)

ART 124 - Beginning Ceramics

Introduction to clay forming, firing, and glazing techniques for nonmajors. 2 Studio. Credits: (1)

ART 131 - Introductory Drawing

Foundation course emphasizing mark making as a way of seeing and organizing ideas, using both perceptual and conceptual approaches. Exit portfolio required. 6 Studio. Credits: (3)

ART 132 - Two-Dimensional Design

Foundation course developing creative 2-D visual thinking and problem solving with connections to theory, criticism and practice. Exit portfolio required. 6 Studio. Credits: (3)

ART 136 - Art History Survey I

Ancient, medieval, and non-European art. Credits: (3)

ART 137 - Art History Survey II

Western art, Renaissance through modern. Credits: (3)

ART 141 - Life Drawing I

Foundation course using life models as resources for developing visual thinking, drawing ability and essential hand/eye skills. Exit portfolio required. 6 Studio. **Prerequisites & Notes** PREQ: 131. Credits: (3, R6)

ART 142 - Three-Dimensional Design

Foundation course focusing on traditional and experimental 3-D techniques and media, using theory and criticism as problem-solving approaches. Exit portfolio required. 6 Studio. Credits: (3)

ART 191 - Integral Arts

Exploring the integral nature of art as how we live, record our life and world, and imagine our future. Open to majors within the College of Fine and Performing Arts, others by permission of the Director of the School of Stage and Screen. Credits: (3)

ART 202 - Art of World Cultures

Traditional and contemporary art of the indigenous peoples of the Americas, Africa, and the Pacific Rim from a social, ethnological, environmental, and religious viewpoint. (P6) Credits: (3)

ART 231 - Life Drawing II

Students will develop individual drawing styles while using the human figure as a model. **Prerequisites & Notes** PREQ: 141. Credits: (3)

ART 233 - Introductory Painting

Emphasis on color theory and the materials and techniques of painting. Historical concerns are integral parts of directed and individual investigations. 6 Studio. **Prerequisites & Notes** PREQ: 131, 132, or permission of instructor. Credits: (3)

ART 234 - Introductory Printmaking

Materials and methods of various printmaking techniques as they relate to historical and contemporary issues. 6 Studio. **Prerequisites & Notes** PREQ: 131, 132, or permission of instructor. Credits: (3)

ART 241 - Introductory Sculpture

Principles and processes of sculpture, supported by critical thinking, class critique, historical, and contemporary references. 6 Studio. **Prerequisites & Notes** PREQ: 131 and 142 or permission of instructor. Credits: (3)

ART 251 - Introductory Ceramics

Basic principles of ceramics: technical, critical, and historical. 6 Studio. Credits: (3)

ART 270 - Communication Design

Principles of visual communications including structure, typography, color and semantics; emphasis on developing an understanding of the scope of graphic design including theory, practice, and technology. 6 Studio. **Prerequisites & Notes** ART 132 Credits: (3)

ART 271 - Interactive Media

Interactive Media introduces students to the concepts and techniques used in designing and producing interactive projects that include digital imaging, web design and animation. **Prerequisites & Notes** ART 132 Credits: (3)

ART 330 - Drawing II

The history and functions of drawing; drawing as a method of developing ideas and as an end itself; relationship to other media. 6 Studio. **Prerequisites & Notes** PREQ: 141. Credits: (3, R12)

ART 333 - Painting II

Materials, techniques, and aesthetic issues of painting in contemporary and abstract modes with focus on personal interpretation and perception. 6 Studio. **Prerequisites & Notes** PREQ: 233. Credits: (3, R12)

ART 334 - Printmaking II

Exploration of various printmaking techniques with focus on personal interpretation and perception. 6 Studio. **Prerequisites & Notes** PREQ: 234. Credits: (3, R12)

ART 342 - Sculpture II

Materials, techniques, and aesthetic issues of sculpture in contemporary and abstract modes with focus on personal interpretation and perception. 6 Studio. **Prerequisites & Notes** PREQ: 241. Credits: (3, R12)

ART 351 - Ceramics II

Study of ceramics within a historical and contemporary context; emphasis on clay-forming techniques combined with class discussion and criticism. 6 Studio. **Prerequisites & Notes** PREQ: 251. Credits: (3, R12)

ART 359 - Introductory Book Arts

Principles and techniques for producing handmade books, including papermaking, bookbinding, and printing. Exploration of books as a format for developing concepts and imagery. 6 Studio. Credits: (3)

ART 363 - Art for Children

Fundamentals for designing and implementing lessons to teach art to children in all educational settings. Teaching diverse multicultural populations discussed. 4 Studio. Credits: (1)

ART 367 - History and Philosophy of Art Education

A study of art education as influenced by educational, philosophical, and socioanthropological developments throughout history. Credits: (3)

ART 371 - Graphic Design I

In-depth examination into the visual communications and its various modes of expressions. Emphasis on personal exploration of media, research, critical thinking and demonstration of technical skills. **Prerequisites & Notes** PREQ: ART 270 and ART 271 Credits: (3)

ART 372 - Introductory Photography

Camera operation, film processing, and darkroom printing combined with classroom critiques; emphasis on historical and current trends of black and white photography. 6 Studio. Credits: (3)

ART 374 - Typography I

Comprehensive analysis of letter forms, structural arrangements, and expressions through computer generated and traditional typographic procedures; emphasis on theoretical and practical aspects of applied typography. 6 Studio. Credits: (3)

ART 377 - Painting III

Exploration of abstract or figurative modes of painting with a focus on the development of an individual direction. **Prerequisites & Notes** PREQ: 333. Credits: (3)

ART 378 - Life Drawing III

Students will develop advanced individual drawing styles while using the human figure as a model. **Prerequisites & Notes** PREQ: 231. Credits: (3)

ART 379 - Cherokee Arts and Crafts

Present-day Cherokee skills of woodcarving, basketry, pottery making, and other parts of Cherokee culture and society. This course is cross-listed with ANTH 379. 1 Lecture, 5 Lab. Credits: (3)

ART 380 - Ceramics III

Advanced study in one aesthetic direction with a focus on solving technical and presentation concerns. Credits: (3)

ART 381 - Sculpture III

Advanced study in one aesthetic direction with a focus on solving technical and presentation concerns. **Prerequisites & Notes** PREQ: 356. Credits: (3)

ART 389 - Cooperative Education in Art

See Cooperative Education Program. Credits: (1 or 3, R15)

ART 401 - Art of World Cultures

The course covers traditional and contemporary arts and crafts of a specific culture TBA. Credits: (3)

ART 404 - Greco Roman Art

Development of art and architecture of Greek and Minoan civilizations through the Hellenistic period, and of Roman art from the Republic through the Empire. **Prerequisites & Notes** PREQ: 136. Credits: (3)

ART 405 - History of Photography

Study of modern photography starting with early developments in the renaissance, through digital work. **Prerequisites & Notes** PREQ: 137. Credits: (3)

ART 406 - Renaissance Art

The Renaissance in Italy and northern Europe; major trends and personalities in art and architecture. **Prerequisites & Notes** PREQ: 137 or permission of instructor. Credits: (3)

ART 409 - Seventeenth-and Eighteenth-Century Art

Major baroque and rococo artists, architects, landscape, and urban designers in Europe. **Prerequisites & Notes** PREQ: 137 or permission of instructor. Credits: (3)

ART 411 - Ceramics IV

Advanced wheel-throwing and hand-building techniques. **Prerequisites & Notes** PREQ: 380. Credits: (3)

ART 412 - Nineteenth-Century Painting

Major figures and styles in European painting. **Prerequisites & Notes** PREQ: 137 or permission of instructor. Credits: (3)

ART 414 - American Art

From colonial limners to contemporary art. **Prerequisites & Notes** PREQ: 137 or permission of instructor. Credits: (3)

ART 416 - Contemporary Art

Contemporary directions in the visual arts since 1945; emphasis on trends during the past five years. **Prerequisites & Notes** PREQ: 137 or permission of instructor. Credits: (3)

ART 417 - Modern Sculpture

Academic sculpture in the nineteenth century: Modernist innovations from Rodin to David Smith. **Prerequisites & Notes** PREQ: 137 or permission of instructor. Credits: (3)

ART 418 - Development of Modern Art: Painting, Sculpture, and Architecture

From Manet, Rodin, and Richardson to Post-Modernism in painting, sculpture, and architecture. **Prerequisites & Notes** PREQ: 137 or permission of instructor. Credits: (3)

ART 419 - History of Design

Survey of the development of graphic design from prehistory through contemporary visual communications; topics include typography, photography, illustration, and current conceptual and art historical issues. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (3)

ART 420 - Intermedia in Contemporary Culture

Historical perspective of critical developments in visual media arts beginning with early twentieth century through the present. Examination of internet, broadcast, video, interactivity, and virtual media. Credits: (3)

ART 433 - Painting IV

Emphasis on the exploration of abstract or figurative modes of painting and critical thinking within a contemporary context. 6 Studio. **Prerequisites & Notes** PREQ: 333. Credits: (3, R12)

ART 434 - Problems in Printmaking

Study of selected printing media through independent, self-directed projects under faculty supervision. 6 Studio. **Prerequisites & Notes** PREQ: 334. Credits: (3, R12)

ART 440 - Advanced Drawing

Perceptual and conceptual drawing design problems; emphasis on a drawing project augmented by discussion, readings, and critique. 6 Studio. **Prerequisites & Notes** PREQ: 330. Credits: (3, R12)

ART 443 - Sculpture IV

Emphasis on exploration of sculptural materials and critical thinking within a contemporary context. 6 Studio. **Prerequisites & Notes** PREQ: 342. Credits: (3, R12)

ART 451 - Problems in Ceramics

Emphasis on personal direction; critiques of current work; reading in history and criticism. 6 Studio. **Prerequisites & Notes** PREQ: 411. Credits: (3, R12)

ART 452 - Problems in Sculpture

Individualized course of study in studio arranged in consultation with a faculty member. For advanced students in the major. **Prerequisites & Notes** PREQ: 443 or permission of instructor. Credits: (3, R9)

ART 453 - Problems in Painting

Individualized course of study in studio arranged in consultation with a faculty member. For advanced students in the major. **Prerequisites & Notes** PREQ: 433 or permission of instructor. Credits: (3, R9)

ART 454 - Problems in Drawing

Individualized course of study in studio arranged in consultation with a faculty member. For advanced students in the major. **Prerequisites & Notes** PREQ: 330 or permission of instructor. Credits: (3, R9)

ART 455 - Photography II

Emphasis on developing an individual style of vision by utilizing traditional and contemporary photographic techniques. **Prerequisites & Notes** PREQ: 372. Credits: (3)

ART 459 - Book Arts II

The exploration of working with the book as an artist's medium. Students will investigate traditional bookbinding, nontraditional book formats, and image making techniques. 6 Studio. **Prerequisites & Notes** PREQ: 234; 359. Credits: (3, R12)

ART 460 - Motion Graphics I

An introduction to working with type, image, sound and animation using time-based digital media. Emphasis is on constructing complex meanings through motion graphics. Credits: (3)

ART 461 - Problems in Design

Individualized course of study in studio arranged in consultation with a faculty member. For advanced students in the major. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (3, R9)

ART 463 - Art Methods for the Middle and High School

Curriculum planning, exploration of suitable art media and methods for teaching art to diverse populations at the middle and high school level. Field experience required. 6 Studio. **Prerequisites & Notes** PREQ: 263, 365, EDSE 322, admission to the teacher education program. Credits: (3)

ART 465 - Art Methods for the Elementary School

Curriculum planning, exploration of age-appropriate art media, and methods for teaching art to diverse populations in the elementary school. Field experience required. 6 Studio. **Prerequisites & Notes** PREQ: 263. Credits: (3)

ART 466 - Problems in Book Arts

Individualized course of study in studio arranged in consultation with a faculty member. For advanced students in the major. **Prerequisites & Notes** PREQ: 459 or permission of instructor. Credits: (3, R9)

ART 471 - Graphic Design II

Emphasis on personal exploration of materials and methods related to visual communications. 6 Studio. **Prerequisites & Notes** PREQ: ART 371 and ART 374. Credits: (3)

ART 472 - Photography III

Emphasis on personal direction and advanced technical problems. 6 Studio. **Prerequisites & Notes** PREQ: 372 or permission of instructor. Credits: (3, R12)

ART 474 - Portfolio

Professional preparation, including a portfolio of professional level work. A capstone course required of all senior BFA majors. 6 Studio. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (3)

ART 475 - Typography II

Emphasis on personal directions and advanced technical problems applied to typographic expression. 6 Studio. **Prerequisites & Notes** PREQ: 132, 370, 371, 374. Credits: (3, R6)

ART 476 - Problems in Photography

Emphasis on personal interpretation and advanced technical solutions to guided projects. 6 Studio. **Prerequisites & Notes** PREQ: 472 or permission of instructor. Credits: (3, R9)

ART 477 - Tilemaking

Investigation of a wide range of concepts and techniques in the field of ceramic tile. 6 Studio. **Prerequisites & Notes** PREQ: 251. Credits: (3, R9)

ART 479 - Motion Graphics II

Through lectures and studio projects learn techniques and history of motion graphics, storyboard an animation, and compile professional graphics into time-based projects. 6 Studio. **Prerequisites & Notes** PREQ: ART 460. Credits: (3, R6)

ART 480 - Experimental Studio

Theoretical and conceptual issues and modes of making art relevant to the contemporary or post-studio artist. 6 Studio. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (3, R12)

ART 481 - Independent Study in Studio Art

Individualized course of study arranged in consultation with a faculty member. For advanced students in the major. Studio. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1-6, R12)

ART 482 - Independent Study in Art History

Independent Study in Art History **Prerequisites & Notes** PREQ: Submitted proposal must be approved by instructor. Credits: (1-6, R6)

ART 483 - Art Internship

Directed work experience in a professional design studio. 9 hours per week.
S/U Grading **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (3)

ART 486 - Exhibition Practicum

Organizational, administrative, and operational structures of an art gallery and museum, including the introduction of planning, curating, and installing professional art exhibitions. Credits: (3)

ART 491 - Supervised Student Teaching in Art, K-12

A full-time supervised teaching experience in Art. **Prerequisites & Notes** COREQ: EDSE 490, 495. Credits: (3)

ART 493 - Topics in Art

Topics in Art **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1-4, R12)

ART 494 - Art Honors Studio

Honors studio for seniors culminating in exhibition of a body of work demonstrating commitment to quality and productivity. 6 Studio. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (3, R6)

ART 495 - Art History Seminar

Detailed study of a topic in art history or criticism. **Prerequisites & Notes** PREQ: Permission of instructor, senior standing. Credits: (3, R6)

ART 500 - Research Methods

Research Methods Credits: (3)

ART 501 - Art of World Cultures

This course covers traditional and contemporary arts and crafts of a specific culture TBA. Credits: (3)

ART 504 - Greco Roman Art

Greco Roman Art Credits: (3)

ART 505 - History of Photography

History of Photography Credits: (3)

ART 506 - Renaissance Art

Renaissance Art Credits: (3)

ART 509 - Seventeenth and Eighteenth Century Art

Seventeenth and Eighteenth Century Art Credits: (3)

ART 512 - Nineteenth Century Painting

Nineteenth Century Painting Credits: (3)

ART 514 - American Art

American Art Credits: (3)

ART 516 - Contemporary Art

Contemporary Art Credits: (3)

ART 517 - Modern Sculpture

Modern Sculpture Credits: (3)

ART 518 - Development of Modern Art: Painting, Sculpture, and Architecture

Development of Modern Art: Painting, Sculpture, and Architecture Credits: (3)

ART 519 - History of Design

History of Design Credits: (3)

ART 531 - Problems in Drawing

Problems in Drawing Credits: (1-9, R12)

ART 532 - Problems in Design

Problems in Design Credits: (3-9)

ART 533 - Problems in Painting

Problems in Painting Credits: (1-9, R12)

ART 544 - Problems in Sculpture

Problems in Sculpture Credits: (1-9, R12)

ART 554 - Problems in Photography

Problems in Photography Credits: (3, R9)

ART 582 - Independent Study in Art Issues

Independent Study in Art Issues Credits: 1-3, R6

ART 630 - Teaching Methods Visual Arts

Teaching Methods Visual Arts Credits: (3)

ART 674 - Studio Critique

Studio Critique Credits: (3, R18)

ART 676 - Art Theory and Criticism

Art Theory and Criticism Credits: (3)

Interior Design

IDES 250 - Introduction to Interior Design

The study of design as applied to creative problem solving within the interior environment. (P5) Credits: (3)

IDES 251 - Architectural Drafting and Design

Architectural drafting techniques for communicating working drawings using plans, elevations, details, architectural standards, lettering, and paraline drawings. 6 Studio. Credits: (3)

IDES 252 - Survey of Interior Materials

Analysis of manufacturing process, source, specification, and application of interior materials. **Prerequisites & Notes** COREQ: 153 or permission of instructor. Credits: (3)

IDES 254 - Rapid Visualization

Tools, techniques and technology for creative visual design exploration. **Prerequisites & Notes** PREQ: IDES 250, IDES 251 Credits: (3)

IDES 255 - Space Planning

Introduction to space planning for residential and commercial environments. Topics explored include: zoning, furniture placement, circulation and accessibility. 6 Studio. **Prerequisites & Notes** PREQ: 250 and 251 Credits: (3)

IDES 256 - Perspective Drawing

Visualization of space through various perspective views to illustrate a design concept using rendering drawing techniques. 6 Studio. **Prerequisites & Notes** PREQ: 250, 251, and ART 132. Credits: (3)

IDES 257 - Architectural Construction Process

Principles of building materials, construction techniques, and building codes. **Prerequisites & Notes** PREQ: 251. Credits: (3)

IDES 258 - CADD for Interior Design

The advanced application of computer-aided drafting as a design tool for the interior designers. **Prerequisites & Notes** PREQ: IDES 251. Credits: (3)

IDES 350 - History of Furniture and Design I

Survey of art, architecture, and furniture from ancient time to the nineteenth century. Credits: (3)

IDES 351 - Lighting Design

Lighting design in residential and commercial spaces and the vital impact it plays on interiors. 6 Studio. **Prerequisites & Notes** PREQ: 255. Credits: (3)

IDES 352 - Residential Design I

The application of the design process to the development of small scale residential environments. 6 Studio. **Prerequisites & Notes** PREQ: 252, 255, 256, 257. Credits: (3)

IDES 353 - Detailing and Design

Casework, furniture, and architectural detailing and design. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (3)

IDES 355 - History of Furniture and Design II

Development of art, architecture and furniture from nineteenth century to the present. Credits: (3)

IDES 356 - Contract Design I

The application of the design process to the development of small scale commercial environments. 6 Studio. **Prerequisites & Notes** PREQ: 351, 352. Credits: (3)

IDES 357 - Kitchen and Bath Design I

Utilizing the standards established by The National Kitchen and Bath Association, students learn how to properly design and document safe and functional kitchen and bath environments. 6 Studio. **Prerequisites & Notes** PREQ: 351, 352. Credits: (3)

IDES 389 - Cooperative Education in Interior Design

See Cooperative Education Program. **Prerequisites & Notes** PREQ: Permission of program director. Credits: (1 or 3, R15)

IDES 450 - Residential Design II

Design of medium to large scale residential environments, which may include historical and/ or cultural aspects. 6 Studio. **Prerequisites & Notes** PREQ: 352, 357, and 350/ or 355/ or ART History. Credits: (3)

IDES 451 - Kitchen and Bath Design II

The further development of skills utilized in solving cabinetry related design applications. 6 Studio. **Prerequisites & Notes** PREQ: 357, 358. Credits: (3)

IDES 452 - Senior Research

Supervised research directed toward a topic selected in consultation with the instructor. **Prerequisites & Notes** PREQ: 356, 357, 358. Credits: (3)

IDES 455 - Contract Design II

Design of medium to large scale commercial environments, which may include historical and/or cultural aspects. 6 Studio. **Prerequisites & Notes** PREQ: 356, 358. Credits: (3)

IDES 456 - Professional Practice in Interior Design

Methods of organizing and marketing design services, the use of business forms and contracts, and how to prepare for the job market. **Prerequisites & Notes** PREQ: 450, 451. Credits: (3)

IDES 457 - Senior Capstone

Application of advanced design research, theory and concepts in a specific interior design project as determined by student and instructor. Credits: (3)

IDES 460 - Problem Solving in Design

Creative problem solving provides an opportunity to apply advanced design concepts and/ or theories in a specific area of study. 6 Studio. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (3)

IDES 465 - Travel Studies in Interior Design

This course is structured to immerse students in design settings and the cultural heritage of an international or domestic travel destination. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (3, R6)

IDES 480 - Independent Study in Interior Design

Independent Study in Interior Design **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1-3, R6)

IDES 483 - Internship

Integration of theory and practice in a setting appropriate to the student's career field. S/U grading. **Prerequisites & Notes** PREQ: Permission of program director. Credits: (3)

IDES 484 - Internship

Integration of theory and practice in a setting appropriate to the student's career field. S/U grading. **Prerequisites & Notes** PREQ: Permission of program director. Credits: (3)

IDES 485 - Internship

Integration of theory and practice in a setting appropriate to the student's career field. S/U grading. **Prerequisites & Notes** PREQ: Permission of program director. Credits: (3)

IDES 493 - Topics in Interior Design

Examination of current topics and trends in interior design. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (3, R9)

IDES 520 - Environments for Aging

Aging theories applied to environments and impacts on behavior. Individual and social implications discussed and environment-behavior patterns explored. Credits: 3

School of Music

Office Info: 253 Coulter Building/Main Campus (828) 227-7242 mus@email.wcu.edu

Department Website

Will Peebles, Department Head Faculty Staff Directory (search by department)

To major or minor in music, students must pass an audition in the principal performance area and take a music aptitude examination. This audition is a separate process from admission to the university. A successful audition does not guarantee admission to the university, nor does admission to the university guarantee admission to the music degree program.

Audition days are scheduled in February and March each year for the following Fall semester, or by individual appointment. Visit the department's website at <http://music.wcu.edu/> for more information on auditions and the various degree program.

Music

MUS 071 - University Chorus

Study and performance of representative choral works; open to any student meeting eligibility requirements. Different repertoire every semester. Does not meet music degree requirements. 3 meetings. Credits: (0)

MUS 072 - Concert Choir

Audition required; public performances. Does not meet music degree requirements. 4 meetings. Credits: (0, R8)

MUS 073 - Band

Performance of wide variety of music in marching, symphonic, or concert band; open to any student meeting eligibility requirements. Different repertoire every semester. Does not meet music degree requirements. 4 meetings. Credits: (0)

MUS 074 - Orchestra

Experience for advanced strings, wind, and percussion players; formal concerts and performances. Different repertoire every semester. Does not meet music degree requirements. Credits: (0)

MUS 075 - Ensemble

Performance in vocal or instrumental ensembles. Different repertoire every semester. Does not meet music degree requirements. Credits: (0)

MUS 101 - Music Appreciation

Introduction to the materials, performing media, and fundamental principles of music in the context of the western classical tradition. (P5) Credits: (3)

MUS 102 - Music in American Culture

The role of folk, popular, and art music in American culture from 1607 to the present. (P5) Credits: (3)

MUS 105 - Applied Preparatory

Applied music study with one hour of private instruction and one hour master class each week. Studio. **Prerequisites & Notes** PREQ: Audition or permission of the department head. Credits: (2)

MUS 106 - Applied Minor

Applied music study with one-half hour private instruction per week. Studio. **Prerequisites & Notes** PREQ: Audition or permission of the department head. 30-minute music lesson. Credits: (1, R3)

MUS 107 - Applied Major

Applied music with one hour of private instruction and one hour master class each week. Studio. **Prerequisites & Notes** PREQ: Audition or permission of the department head. Credits: (2, R6)

MUS 108 - Aural Skills I: Fundamentals of Sight Singing

Aural analysis and sight singing of intervals, scales, chords, and simple meters using solfege syllables. 2 Lab. **Prerequisites & Notes** PREQ: Placement exam or permission of the department head. Credits: (1)

MUS 118 - Music Theory I: Fundamentals

Fundamentals of music notation: keys, modes, scales, triads, seventh chords, 2-part counterpoint, ranges and transpositions of instruments, elementary analysis and composition; basic Finale notation. **Prerequisites & Notes** PREQ: Placement exam or permission of the department head. Credits: (3)

MUS 148 - Piano Class I

Basic functional keyboard skills. 2 meetings. **Prerequisites & Notes** PREQ: Music major or permission of department head. Credits: (1)

MUS 149 - Piano Class II

Basic functional keyboard skills. 2 meetings. **Prerequisites & Notes** PREQ: 148. Credits: (1)

MUS 168 - String Class

Playing stringed instruments; basic technical problems and teaching techniques. 2 meetings. Credits: (1)

MUS 169 - Classroom Guitar Technique

Basic technical problems and teaching techniques. 2 meetings. Credits: (1)

MUS 181 - Introduction to MIDI/Synthesis

Survey of MIDI devices, synthesis techniques, and contemporary music technology. 2 Lab. **Prerequisites & Notes** PREQ: Music major or permission of instructor. Credits: (1)

MUS 182 - Computer Applications in Music

Use of the computer to prepare parts and scores, and to orchestrate and arrange music. 2 Lab. **Prerequisites & Notes** PREQ: 208, 218 or permission of the instructor. Credits: (1)

MUS 184 - Functional Jazz Keyboard

Functional keyboard skills in jazz and popular styles. 2 meetings. **Prerequisites & Notes** PREQ: 208, 218 or permission of the instructor. Credits: (1, R2)

MUS 190 - First-Year Seminar

Variable topics such as jazz, rock music, music and community, music technology, etc. See schedule of classes for topic of each section. Credits: (3)

MUS 191 - Integral Arts

Exploring the integral nature of art as how we live, record our life and world, and imagine our future. Open to majors within the College of Fine and Performing Arts, others by permission of the Director of the School of Stage and Screen. Credits: (3)

MUS 206 - Applied Minor

One thirty-minute private lesson per week. Studio. **Prerequisites & Notes** PREQ: 108, 118; two semesters of MUS 106. Credits: (1, R3)

MUS 207 - Applied Major

Applied music with one hour of private instruction and one hour master class each week. Studio. **Prerequisites & Notes** PREQ: 108, 118; successful sophomore qualifying exam or audition and permission of the department head. Credits: (2, R6)

MUS 208 - Aural Skills II: Basic Tonal Functions

Aural analysis and performance of basic tonal functions, modulation, simple tonal forms, simple and compound meters. **Prerequisites & Notes** PREQ: 108 and 118, placement exam, or permission of department head. Credits: (1)

MUS 218 - Music Theory II: Tonal Harmony

Introduction to tonal functions: non harmonic tones, tonicization, modulation, 4-part voice leading, analysis and composition of simple forms; introduction to computer-based music engraving. **Prerequisites & Notes** PREQ: 118 and/or placement exam or permission of department head. Credits: (3)

MUS 248 - Piano Class III

Continuation of keyboard skill development. 2 meetings. **Prerequisites & Notes** PREQ: 149. Credits: (1)

MUS 249 - Piano Class IV

Piano proficiency completion. 2 meetings. **Prerequisites & Notes** PREQ: 248. Credits: (1)

MUS 258 - Diction for Singers I

Fundamentals of the International Phonetic Alphabet and the principles utilized in a singing pronunciation of English and Italian. Credits: (1)

MUS 259 - Diction for Singers II

Continuation of the International Phonetic Alphabet and the principles utilized in a singing pronunciation of German and French. **Prerequisites & Notes** PREQ: 258 or permission of instructor. Credits: (2)

MUS 272 - Percussion Class

Playing percussion instruments; basic technical problems and teaching techniques. 2 meetings. Credits: (1)

MUS 281 - Music Sequencing and Audio Editing

Digital audio workstations and their function, including digital audio recording, waveform editing, digital signal processing, virtual instruments and MIDI implementation, and basic mixing techniques. **Prerequisites & Notes** PREQ: MUS 181 or permission of instructor. Credits: (1)

MUS 283 - Music Technology Methods

Topics, equipment, and pedagogy of music technology in music education. 2 lab. **Prerequisites & Notes** PREQ: 108 and 118 or permission of instructor. Credits: (1)

MUS 284 - MIDI/Synthesis Masterclass

Group lessons in MIDI/Synthesis including an introduction to performance on selected MIDI controllers. 2 Lab. **Prerequisites & Notes** PREQ: 181 and 182 or permission of instructor. Credits: (1, R3)

MUS 301 - Music for Elementary Classroom Teachers

Music fundamentals, elementary performance skills, and methods of integrating music into the elementary classroom. Credits: (1)

MUS 303 - The World of Music

Musical traditions of various world cultures in their social contexts. (P6) **Prerequisites & Notes** PREQ: Junior-level status. Credits: (3)

MUS 304 - Jazz Appreciation

Introduction to the materials, performing media, fundamental principles, and performers of American jazz in a social and historical context. (P5) Credits: (3)

MUS 305 - Junior Recital

Public performance. May be scheduled after hearing committee approval and completion of junior-qualifying examination. **Prerequisites & Notes** PREQ: Junior-level qualifying examination. Credits: (1)

MUS 306 - Applied Minor

One thirty-minute private lesson per week. Studio. **Prerequisites & Notes** PREQ: Two semesters of MUS 206. Credits: (1, R3)

MUS 307 - Applied Major

Applied music with one hour of private instruction and one hour master class each week. Studio. **Prerequisites & Notes** PREQ: Successful junior qualifying examination or audition and permission of the department head. Credits: (2, R6)

MUS 308 - Aural Skills III: Advanced Tonal Functions

Aural analysis and performance of advanced forms and chromatic tonal functions; 4-part dictation and performance, and complex meters. 2 Lab. **Prerequisites & Notes** PREQ: 208, 218. Credits: (1)

MUS 309 - Aural Skills IV: Jazz and Commercial Music

Aural identification of common commercial chord groups, progressions, and musical forms including: blues, rhythm changes, and "American Song" form; basic improvisation. 2 Lab. **Prerequisites & Notes** PREQ: 308, 318. Credits: (1)

MUS 311 - Pedagogy of Brass Instruments

Teaching methodology and materials for brass instruments in a beginning band setting, including basic performance proficiency on each instrument. 1 Lecture, 2 Lab. 3 meetings/week. Credits: (2)

MUS 312 - Pedagogy of Woodwind Instruments

Teaching methodology and materials for woodwind instruments in beginning band setting, including basic performance proficiency on each instrument. 1 Lecture, 2 Lab. 3 meetings/ week. Credits: (2)

MUS 313 - Band Instrument Repair

Introduction to the repair and maintenance of band instruments for the music educator. 2 Lab. Credits: (1)

MUS 314 - Jazz Pedagogy

Fundamentals of jazz pedagogy in the secondary schools. **Prerequisites & Notes** PREQ: Music Education majors or permission of instructor. Credits: (1)

MUS 317 - Applied MIDI/Synthesis

Applied study of MIDI/Synthesis with one hour of private instruction and one hour of masterclass each week. **Prerequisites & Notes** PREQ: 284 and successful junior qualifying examination or audition. Credits: (2, R6)

MUS 318 - Music Theory III: Advanced Forms and Chromaticism

Analysis and composition of advanced musical forms: sonata, rondo, episodic, etc., nineteenth-century chromaticism, intermediate computer-based music engraving. **Prerequisites & Notes** PREQ: 218. Credits: (3)

MUS 319 - Music Theory IV: Twentieth Century Styles

Analysis and composition of twentieth century musical styles including jazz and commercial music; basic orchestration and advanced computer-based music engraving. **Prerequisites & Notes** PREQ: 318. Credits: (3)

MUS 320 - Materials in Popular Music and Jazz

The basics of music theory and the development of aural skills pertaining to popular song and jazz. **Prerequisites & Notes** PREQ: 319 or permission of instructor. Credits: (3)

MUS 323 - Music in the Elementary School

Current issues, methods, and techniques for teaching and supervising general music programs in the elementary school.

Prerequisites & Notes PREQ: MUS 319 Credits: (2)

MUS 324 - Music in the Middle School

Current issues, methods, and techniques for teaching and supervising choral and instrumental music programs in the middle school. **Prerequisites & Notes** PREQ: MUS 319 Credits: (2)

MUS 326 - Instrumental Methods and Materials

Methods and materials used in instrumental teaching. **Prerequisites & Notes** PREQ: Admission to teacher education. Credits: (3)

MUS 327 - Choral Methods and Materials

Methods and materials used in developing the school choral program. **Prerequisites & Notes** PREQ: Admission to teacher education. Credits: (3)

MUS 329 - Fundamentals of Conducting

Introduction to the basic skills and gestures of conducting. 3 Lab. **Prerequisites & Notes** PREQ: 309, 319. Credits: (2)

MUS 358 - Concert Attendance

Attend ten approved music performances. S/U grading. Credits: (0)

MUS 371 - University Chorus

Study and performance of representative choral works; open to any student meeting eligibility requirements. Different repertoire every semester. 3 meetings. Credits: (1, R16)

MUS 372 - Concert Choir

Audition required; public performances. Different repertoire every semester. 4 meetings. Credits: (1, R16)

MUS 373 - Band

Performance of a wide variety of music in the marching, symphonic, and concert bands; open to any student meeting eligibility requirements. Different repertoire every semester. 4 meetings. Credits: (1-2, R16)

MUS 374 - Orchestra

Experience for advanced strings, wind, and percussion players; formal concerts and performances. Different repertoire every semester. Credits: (1, R16)

MUS 375 - Ensemble

Performance in vocal and instrumental ensembles. Different repertoire every semester. S/U grading. Credits: (1, R24)

MUS 376 - Musical Theatre Ensemble

Staged production of scenes or shows from the operatic and musical theatre repertory. **Prerequisites & Notes**
PREQ: Permission of instructor. Credits: (1,R8)

MUS 378 - Survey of the Music Industry

The retail and wholesale music trade: publishing, royalties, copyright, performance rights, record production, advertising and promotion, labor relations, contracts, artist management. Credits: (3)

MUS 379 - Introduction to Recording Arts

The audio recording process including the acoustics of sound, microphone design, signal path, audio console theory, and digital signal processing. **Prerequisites & Notes** PREQ: 181, 309; *Commercial and Electronic Music majors* or permission of the instructor. Credits: (3)

MUS 383 - Music and Audio in Media

Recording, editing, importing, embedding and synchronizing in a variety of media formats including compact disc, video, instructional presentation, and the World Wide Web. Credits: (3)

MUS 389 - Cooperative Education in Music

See Cooperative Education Program. Credits: (1 or 3, R15)

MUS 403 - Marching Band Techniques

Marching Band Techniques **Prerequisites & Notes** PREQ: 326. Credits: (2)

MUS 405 - Senior Recital

Public performance. May be scheduled after hearing committee approval. **Prerequisites & Notes** PREQ: 305. Credits: (1)

MUS 406 - Applied Minor

One 30-minute private lesson per week. **Prerequisites & Notes** PREQ: Two semesters of MUS 306. Credits: (1, R3)

MUS 407 - Applied Major

Applied music with one hour of private instruction and one hour master class each week. Studio. **Prerequisites & Notes** PREQ: Audition or permission of the department head. Credits: (2, R6)

MUS 410 - History of American Musical Theatre

A study of the development of the Musical in the United States, tracing its development from 17th Century sources. (P5) Credits: (3)

MUS 411 - Advanced Vocal Pedagogy

Advanced study of teaching methodology, physiology and anatomy of the voice. Emphasis on a variety of vocal styles, techniques, research, technology and practical teaching experiences. **Prerequisites & Notes** PREQ: Upper level music majors only. Credits: (3)

MUS 412 - Teaching in the Private Studio

Practical, ethical, and legal aspects of establishing a private music studio, including evaluation of appropriate pedagogical approaches and materials for individual instruction. Credits: (1)

MUS 413 - Studies in Improvisation

Study of significant styles of improvisation through listening, analysis, and performance. Additional credit may be earned at an advanced level or in a different style. Lab. **Prerequisites & Notes** PREQ: 309, 319. Credits: (1, R4)

MUS 417 - Applied MIDI/Synthesis

Applied study of MIDI/Synthesis with one hour of private instruction and one hour of masterclass per each week. **Prerequisites & Notes** PREQ: Two semesters of MUS 317 and permission of instructor. Credits: (2, R6)

MUS 418 - Music History I: Music Before 1750

Music history from the roots of Western civilization to the end of the Baroque. **Prerequisites & Notes** PREQ: 318 or permission of instructor. Credits: (3)

MUS 419 - Music History II: Music after 1750

Music history from the end of the Baroque to the present. **Prerequisites & Notes** PREQ: 319 or permission of instructor. Credits: (3)

MUS 420 - Studies in Music Literature

Historical and theoretical study of various forms of music literature. **Prerequisites & Notes** PREQ: 419 or permission of the instructor. Credits: (3, R9)

MUS 425 - Twentieth-Century Music

Historical and theoretical issues in twentieth-century music. **Prerequisites & Notes** PREQ: 419. Credits: (3)

MUS 426 - Jazz Arranging and Composing

Basic tools of creative arranging and composing for small jazz ensembles. **Prerequisites & Notes** PREQ: 320 or permission of instructor. Credits: (3)

MUS 428 - Choral Conducting

Study and application of gesture communication and analysis to choral conducting. 3 Lab. **Prerequisites & Notes** PREQ: 329. Credits: (2)

MUS 429 - Instrumental Conducting

Application of techniques and analysis to instrumental conducting. 3 Lab. **Prerequisites & Notes** PREQ: 329. Credits: (2)

MUS 468 - Scoring for Film and Video

Materials and procedures in producing music in synchronization with film and video. **Prerequisites & Notes** PREQ: Grade of "C" or better in MUS 319. Credits: (3)

MUS 469 - Music in Motion Pictures

The study of music composed for motion pictures, process and procedures, selected biographies, representative films, and a brief chronology. Credits: (3)

MUS 470 - Orchestration and Arranging

Scoring and arranging for instrumental and vocal ensembles. **Prerequisites & Notes** PREQ: 182 *or* 283; 319. Credits: (2)

MUS 474 - Entrepreneurship in Music, Senior Project

The study and application of skills needed in professional music related fields: senior project, resume, and multi-media portfolio required. **Prerequisites & Notes** PREQ: 378 or permission of instructor. Credits: (1)

MUS 475 - Arts Management

Introduction to the principles and practices of managing nonprofit cultural institutions. Credits: (3)

MUS 479 - Digital Audio Recording and Editing

Non-linear digital audio production for recording, editing, arranging and mixing of digital audio and MIDI. **Prerequisites & Notes** PREQ: 379 or permission of instructor. Credits: (3)

MUS 480 - Independent Study

Independent Study **Prerequisites & Notes** PREQ: Permission of the instructor; music major. Credits: (1-3, R9)

MUS 481 - Live Sound Reinforcement

A study of the tools and techniques used in the mixing and amplification of live sound. **Prerequisites & Notes** PREQ: MUS 379 or 383 Credits: (3)

MUS 483 - Practicum in Music

Project-based practicum in an on-campus work environment; 45 hours of work per hour of credit. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1-3), R6

MUS 489 - Internship

Faculty-supervised training in an approved agency. Minimum of 9 hours per week or 135 hours for each 3 credits, arranged with the agency and the music department. S/U grading. **Prerequisites & Notes** PREQ: 378, permission of department head. Credits: (3, R9)

MUS 491 - Supervised Student Teaching in Music, K-12

A full-time supervised teaching experience in Music. **Prerequisites & Notes** COREQ: EDSE 490, 495. Credits: (3)

MUS 493 - Topics in Music

Issues in music performance, education, or the music business. **Prerequisites & Notes** PREQ: Permission of department head. Credits: (1-3, R12)

MUS 494 - Topics in Musical Theatre

Selected topics in musical theatre. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1-3, R6)

MUS 497 - Seminar in Piano Pedagogy

2 Lab. **Prerequisites & Notes** PREQ: Approval of instructor. Credits: (1, R4)

MUS 498 - Seminar in Accompanying

2 Lab. **Prerequisites & Notes** PREQ: Approval of instructor. Credits: (1, R4)

MUS 503 - Marching Band Techniques

Marching Band Techniques Credits: (2)

MUS 504 - Topics in Music

Topics in Music Credits: (1-3, R9)

MUS 511 - Advanced Vocal Pedagogy

Advanced Vocal Pedagogy Credits: (3)

MUS 512 - Teaching in the Private Studio

Teaching in the Private Studio Credits: (1)

MUS 513 - Studies in Improvisation

Studies in Improvisation Credits: (1, R4)

MUS 520 - Studies in Music Literature

Studies in Music Literature Credits: (3, R9)

MUS 525 - Twentieth-Century Music

Twentieth-Century Music Credits: (3)

MUS 528 - Choral Conducting

Choral Conducting Credits: (2)

MUS 529 - Instrumental Conducting

Instrumental Conducting Credits: (2)

MUS 569 - Music in Motion Pictures

Music in Motion Pictures Credits: (3)

MUS 592 - Orff-Schulwerk Level I

Orff-Schulwerk Level I Credits: (3)

MUS 593 - Topics in Music

Topics in Music Credits: (1-3, R12)

MUS 597 - Seminar in Piano Pedagogy

Seminar in Piano Pedagogy Credits: (1, R4)

MUS 598 - Seminar in Accompanying

Seminar in Accompanying Credits: (1, R4)

MUS 601 - Writing About Music

Writing About Music Credits: (1)

MUS 605 - Graduate Recital

Graduate Recital Credits: (1)

MUS 611 - Applied Minor

Applied Minor Credits: (1, R4)

MUS 612 - Applied Major

Applied Major Credits: (2, R8)

MUS 613 - Applied Major

Applied Major Credits: (3, R9)

MUS 614 - Applied Conducting

Applied Conducting Credits: (1, R4)

MUS 615 - Applied Composition

Applied Composition Credits: (2, R8)

MUS 621 - History of Musical Theory

History of Musical Theory Credits: (3)

MUS 622 - Influences of Folk Traditions on Western Art Music

Influences of Folk Traditions on Western Art Music Credits: (3)

MUS 640 - Seminar in Music Pedagogy

Seminar in Music Pedagogy Credits: (3, R6)

MUS 650 - Advanced Flute Repair

Advanced Flute Repair Credits: (2, R8)

MUS 675 - Ensemble

Ensemble Credits: (1, R6)

MUS 677 - Capstone Project

Capstone Project Credits: (3)

MUS 679 - Lecture/Recital

Lecture/Recital Credits: (3, R6)

MUS 680 - Independent Study

Independent Study Credits: (1, R6)

MUS 693 - Orff-Schulwerk Level II

Orff-Schulwerk Level II Credits: (3)

MUS 694 - Orff-Schulwerk Level III

Orff-Schulwerk Level III Credits: (3)

MUS 695 - Music Education Seminar

Music Education Seminar Credits: (3)

MUS 699 - Thesis

Thesis Credits: (3)

Communication Sciences and Disorders

Office Info: G30 McKee Building/Main Campus (828) 227-7165 csd@email.wcu.edu

Website Department

Billy Ogletree, Department Head Faculty Staff Directory (search by department)

Communication Sciences and Disorders

CSD 270 - Introduction to Communication Disorders

Overview of speech-language-hearing disorders in children and adults. Credits: (3)

CSD 272 - Fundamentals of Speech and Language Analysis

Studies in the structural foundations of language and exploration of analytic tools for studying language and language disorders. **Prerequisites & Notes** PREQ: CSD 270. Credits: (3)

CSD 301 - Speech and Language Development

Speech and language development in normal children; survey of procedures and tools used to study language development and acquisition. **Prerequisites & Notes** PREQ: 270 or equivalent. Credits: (3)

CSD 302 - Communication Development and Disorders

The developmental phases of content, form, and use of language; survey of techniques for use with language-disordered children; designed for nonmajors. Credits: (3)

CSD 370 - Phonetics

Study of sound feature production; phonetic transcription. **Prerequisites & Notes** PREQ: 270 or equivalent. Credits: (3)

CSD 372 - Acoustics and Speech Science

Principles and concepts in speech production and perception; techniques for acoustic analysis. Credits: (3)

CSD 380 - Anatomy and Physiology of the Speech Mechanism

Study of the anatomic structures involved in speech and their function in the speech process. **Prerequisites & Notes** PREQ: 270, 370, or equivalent. Credits: (3)

CSD 421 - Measurement Practices in Communication Disorders

Examination of formal and informal testing procedures used in evaluating children and adults with suspected communication disorders. Credits: (3)

CSD 450 - Introduction to Audiology

Fundamentals of audiology; the physics of sound and its measurement; aural anatomy, physiology, etiology, and pathology. **Prerequisites & Notes** PREQ: 372 or equivalent. Credits: (3)

CSD 451 - Introduction to Sign Language I

An introduction to sign. Basic vocabulary (expressive and receptive) and cultural information. Credits: (3)

CSD 452 - Introduction to Sign Language II

A continuation of introduction to sign language. Additional vocabulary (expressive and receptive) and cultural information. **Prerequisites & Notes** PREQ: 451 or equivalent. Credits: (3)

CSD 470 - Speech-Language Disorders in Adults

A survey course of communication and swallowing disorders in adults following brain injury. **Prerequisites & Notes** PREQ: 301, 370, 372, 380, or permission from instructor. Credits: (3)

CSD 472 - Aural Rehabilitation

Acoustic and visual components of speech; amplification and training procedures. **Prerequisites & Notes** PREQ: 301, 370, 372, or permission of instructor. Credits: (3)

CSD 477 - Speech-Language Disorders in Children

Analysis of childhood language and speech disorders; evaluation and implementation of treatment approaches. **Prerequisites & Notes** PREQ: 301, 370, 372, and 380. Credits: (3)

CSD 478 - Fluency and Voice Disorders

A survey of theory, assessment, and treatment of fluency disorders and voice disorders in children and adults. **Prerequisites & Notes** PREQ: 301, 370, 372, 380, or permission of instructor. Credits: (3)

CSD 479 - The Clinical Process

Orientation to the roles and responsibilities of clinicians in the practice of speech-language pathology and audiology. **Prerequisites & Notes** PREQ: 301, 370, 372 and 380, or permission of instructor. Credits: (3)

CSD 494 - Topics in Communication Disorders

Topics in Communication Disorders **Prerequisites & Notes** PREQ: Permission of instructor Credits: (1-3, R6)

CSD 620 - Infant Toddler Communication

Infant Toddler Communication Credits: (3)

CSD 630 - Professional Issues in Communication Sciences and Disorders

Professional Issues in Communication Sciences and Disorders Credits: (3)

CSD 640 - Voice Disorders

Voice Disorders Credits: (3)

CSD 642 - Research in Communication Disorders

Research in Communication Disorders Credits: (3)

CSD 648 - Language Disorders - School Age

Language Disorders - School Age Credits: (3)

CSD 662 - Articulation and Phonological Disorders

Articulation and Phonological Disorders Credits: (3)

CSD 668 - Language Disorders—Preschool

Language Disorders—Preschool Credits: (3)

CSD 670 - Fluency Disorders

Fluency Disorders Credits: (3)

CSD 672 - Language Disorders in Adults

Language Disorders in Adults Credits: (3)

CSD 673 - Neurogenic Speech Disorders

Neurogenic Speech Disorders Credits: (3)

CSD 674 - Diagnostics

Diagnostics Credits: (3)

CSD 677 - Dysphagia

Dysphagia Credits: (3)

CSD 678 - AAC Assessment and Intervention

AAC Assessment and Intervention **Prerequisites & Notes** Credits: (3)

CSD 681 - Independent Study-Master's Project

Independent Study-Master's Project Credits: (3)

CSD 683 - Clinical Practicum

Clinical Practicum Credits: (1-3, R15)

CSD 699 - Thesis

Thesis Credits: (3, R6)

CSD 779 - Continuing Research—Non-Thesis Option

Continuing Research—Non-Thesis Option Credits: (1, R10)

CSD 793 - Topics in Severe Disabilities I

Topics in Severe Disabilities I Credits: (3)

CSD 794 - Topics in Severe Disabilities II

Topics in Severe Disabilities II Credits: (3)

CSD 799 - Continuing Research—Thesis Option

Continuing Research—Thesis Option Credits: (2, R24)

Criminology and Criminal Justice

Office Info: 413 Belk Building/Main Campus (828) 227-7464 ccj@email.wcu.edu

Department Website

Stephen Brown, Department Head Faculty Staff Directory (search by department)

Criminal Justice

CJ 150 - Introduction to Criminal Justice & Criminology

Evaluation of formal institutions dealing with crime in Western culture; overview of major components of the criminal justice system. Credits: (3)

CJ 175 - International Perspectives on Justice

The purpose of an international criminal justice study course is for students to broaden their global, historical and comparative criminal justice perspective. This is the epitome of engaged learning because students will conduct related research and then travel abroad to the country of focus. Credits: (3)

CJ 185 - Majoring in Criminology and Criminal Justice

Introduces expectations and needs of majors, including the ebriefcase, writing standards, career options, program activities and critical resources. Credits: (1)

CJ 190 - Controversies in Criminal Justice

Topical issues in criminal justice are explored and discussed in the context of political and social realities of contemporary American society. 3 Seminar. Credits: (3)

CJ 204 - Criminal Law

The nature and definition of substantive criminal offenses; examination of federal and state law; principles of criminal liability, defenses, and complicity. **Prerequisites & Notes** PREQ: CJ 150. Credits: (3)

CJ 280 - Research Methods for Criminology & Criminal Justice

This is a writing intensive course that places emphasis upon the design, interpretation, and writing of criminological research. **Prerequisites & Notes** PREQ: 150. Credits: (3)

CJ 290 - Introduction to Forensic Science

This course introduces the concepts and methods involved in applying scientific principles to the collection, examination, evaluation, and interpretation of evidence. **Prerequisites & Notes** PREQ: CJ 150. Credits: (3)

CJ 305 - Social Justice and the Law

This course focuses on issues of diversity, oppression and social justice. We will examine how social theorists conceptualize the relationship between law and society. Credits: (3)

CJ 310 - Victimology

A study of the experiences of crime victims with the criminal justice system as well as victim characteristics, vulnerability, and culpability. Credits: (3)

CJ 311 - Juvenile Justice and Delinquency

The phenomenon of juvenile delinquency; evaluation of a unique justice system for children; related concerns, problems, and expectations. Credits: (3)

CJ 315 - Investigative Principles

This course introduces the concepts and methods of the investigative process. **Prerequisites & Notes** PREQ: 250 or permission of instructor. Credits: (3)

CJ 320 - Police in Society

Philosophical, historical, and operational aspects of law enforcement agencies and processes within a framework of social control in a democratic society. **Prerequisites & Notes** PREQ: 250. Credits: (3)

CJ 322 - Stress Management in Criminal Justice Professions

An examination of job related stressors and stress management. **Prerequisites & Notes** PREQ: CJ 150 Credits: (3)

CJ 323 - Crime Scene Investigations

A survey of methods and techniques used in the scientific investigation of criminal offenses. **Prerequisites & Notes** PREQ: CJ 150. Credits: (3)

CJ 330 - Criminal Courts

State and federal court systems, criminal judicial process, and rights of the individual. **Prerequisites & Notes** PREQ: 250. Credits: (3)

CJ 340 - Institutional Corrections

Examination of modern corrections through review of penal history, theory, and practice. **Prerequisites & Notes** PREQ: 250. Credits: (3)

CJ 342 - Myths and Media in Criminal Justice

Examines the portrayal of victims, offenders, police, courts and corrections in all forms of media in the United States. Credits: (3)

CJ 343 - Criminal Procedure and Judicial Process

Exploration of criminal procedure highlighting constitutional limits related to search and seizures, identifications, confessions, and admissions. Included are judicial processes related to the constitutions. **Prerequisites & Notes** PREQ: CJ 150 Credits: (3)

CJ 345 - Organized Crime

Examination of traditional and emerging organized crime groups and their impact on society and the criminal justice field. Credits: (3)

CJ 347 - Gender & Crime

Discusses whether there are gender differences in antisocial behavior/defending, the risk factors for offending, the consequences of offending, and the treatment of offending. Credits: (3)

CJ 351 - Violence in American Society

Theories on the causation, manifestations, prevention, and treatment of violent behavior. International, national, and regional constructs of violence are discussed. **Prerequisites & Notes** PREQ: CJ 150. Credits: (3)

CJ 354 - Comparative Criminal Justice Systems

The course examines systems of law, police, courts, and corrections in different countries in order to demonstrate the diversity in legal systems. Credits: (3)

CJ 355 - Theories of Crime

Theories of law, justice, punishment, and crime causation. **Prerequisites & Notes** PREQ: CJ150. Credits: (3)

CJ 358 - Computer Applications & Criminal Justice

An overview of computer applications related to the criminal justice field and their use for decision making, policy development and research. **Prerequisites & Notes** PREQ: CJ 250 or instructor approval. Credits: (3)

CJ 363 - Geographic Information Systems in Criminal Justice

Exploration of theory and techniques associated with collection, display, analysis, and storage of geographic information in criminal justice environments. **Prerequisites & Notes** PREQ: CJ 150 Credits: (3)

CJ 365 - Cyber Crimes

This course provides an overview of high technology crimes and the procedures used in the detection, investigation and prosecution of technological crimes. **Prerequisites & Notes** PREQ: Permission of instructor is required for non majors. Credits: (3)

CJ 370 - Ethics in Criminal Justice

Examination of ethical issues in the criminal justice field. **Prerequisites & Notes** PREQ: 250. Credits: (3)

CJ 375 - White-Collar Crime

An examination of white-collar crimes and the criminal justice response to those crimes. **Prerequisites & Notes**
PREQ: CJ 150. Credits: (3)

CJ 380 - Statistical Analysis for Criminology & Criminal Justice

Basic introduction to statistics in a criminal justice setting. **Prerequisites & Notes** PREQ: CJ 280 Credits: (3)

CJ 385 - Issues in Correctional Treatment

An examination of modern corrections through a review of practices, policies, and problems. **Prerequisites & Notes**
PREQ: CJ 150. Credits: (3)

CJ 424 - Community Corrections

Development, organization, operation, and results of probation and parole systems as substitutes for incarceration.
Prerequisites & Notes PREQ: 250. Credits: (3)

CJ 425 - Police Practices and Problems

Examination of the police role and law enforcement policy, police organization, personnel issues, management and operations, consolidating patrol services, and community and problem-oriented policing. **Prerequisites & Notes**
PREQ: 250. Credits: (3)

CJ 434 - Legal Liability and Criminal Justice Personnel

Theory and basic principles of liability and immunity of criminal justice personnel and agencies under both state and federal law. Also examines techniques for minimizing liability. **Prerequisites & Notes** PREQ: CJ 150 Credits: (3)

CJ 438 - Minorities, Crime and Social Policy

Examination of theories and dynamics of ethnic minority status, racism, crime and social policy in America. Credits:
(3)

CJ 439 - Criminal Justice Management

The administrative aspects of criminal justice practice and principles of supervision as related to planning and procedure of police, judicial and correctional agencies. **Prerequisites & Notes** PREQ: CJ 150 Credits: (3)

CJ 448 - Community Policing

An examination of the theories of community policing, problem solving models, alternative dispute resolution strategies, and police community relationships. Credits: (3)

CJ 460 - Drugs and Society

An examination of drugs, pharmacological classification and effects, drug abuse, the evolution of drug laws, law enforcement, and correctional responses for drug offenders. Credits: (3)

CJ 462 - Applied Research

Lectures and assignments in applying research techniques to real world problems. **Prerequisites & Notes** PREQ: 250 and 352. Credits: (3)

CJ 463 - Biosocial Criminology

Critically examine how biological/genetic factors are related to one's environment, how environment influences biology, and how biological and environmental factors contribute to antisocial behaviors. Credits: (3)

CJ 470 - Criminal Justice Policy

Overview of the processes of policy development and policy implementation as well as analyses of the role of politics, media, and bureaucracy. **Prerequisites & Notes** PREQ: CJ 150. Credits: (3)

CJ 475 - International Studies in Law and Society

Study abroad program at various international sites; extensive overview of the system of justice and its relationship to the cultural ethos of each country visited. Credits: (3, R6)

CJ 480 - Independent Study in Criminology & Criminal Justice

Directed independent study in criminal justice. **Prerequisites & Notes** PREQ: Junior standing; minimum 3.0 GPA; approval of instructor; and approval of Department Head. Credits: 1-3, R6

CJ 483 - Internship in Criminal Justice

Supervised applications of academic study in a practical criminal justice setting. **Prerequisites & Notes** PREQ: Junior standing; Majors only; Junior standing; permission of instructor; 135 internship hours are required per 3 hours credit. Six hours credit given as CJ electives; an additional 6 hours may be given as general elective credit. Credits: (3-6, R12)

CJ 493 - Topics in Criminology & Criminal Justice

Topics in Criminology and Criminal Justice. Credits: (3, R12)

CJ 495 - Senior Seminar

Capstone course designed to assess the knowledge and skills of graduating seniors and to prepare them for further study or careers within the discipline. **Prerequisites & Notes** PREQ: Majors only, senior status. Credits: (3)

CJ 600 - Foundations of Justice

Foundations of Justice Credits: 3

CJ 669 - Legal Issues in Public Affairs

Legal Issues in Public Affairs Credits: (3)

CJ 674 - Research Methods

Research Methods Credits: (3)

Emergency and Disaster Management

EDM 250 - Introduction to Emergency and Disaster Management

Overview of emergency and disaster management. Topics include major concepts, theory and history, terminology, and the roles, functions and inter-relationships of key agencies and organizations involved in this field. Credits: (3)

EDM 300 - Methods of Disaster Research

Introduces basic design, interpretation and writing of social science and disaster research. **Prerequisites & Notes** PREQ or COREQ: EDM 250 or permission of instructor. Credits: (3)

EDM 322 - Social Dimensions of a Disaster

An exploration of the social implications of a disaster, including its effects on victims, their families, first responders, the community, businesses, the economy, and special populations. **Prerequisites & Notes** PREQ or COREQ: EDM 250 or permission of instructor. Credits: (3)

EDM 324 - Emergency Planning

Introduction to the multiple facets of emergency planning. **Prerequisites & Notes** PREQ or COREQ: EDM 250 or permission of instructor. Credits: (3)

EDM 326 - Risk Assessment and Vulnerability Analysis

Introduction to concepts and principles of risk assessment and vulnerability analysis. **Prerequisites & Notes** PREQ or COREQ: EDM 250 or permission of instructor. Credits: (3)

EDM 332 - Disaster Response Operations and Management

An overview of the response phase of the disaster management cycle, during which resources are marshaled, deployed and managed. **Prerequisites & Notes** PREQ or COREQ: EDM 250 or permission of instructor. Credits: (3)

EDM 335 - Principles of Hazard Mitigation

An exploration of the concepts and principles associated with hazard mitigation and its place in disaster management. **Prerequisites & Notes** PREQ or COREQ: EDM 250 or permission of instructor. Credits: (3)

EDM 340 - Political and Policy Basis of Emergency and Disaster Management

An exploration of the political dynamics of American emergency and disaster management. **Prerequisites & Notes** PREQ: EDM 250 or permission of instructor. Credits: (3)

EDM 351 - Resource Management

Identification, coordination and effective utilization of government, private and not-for profit resources by emergency responders. **Prerequisites & Notes** PREQ: EDM 250 or permission of instructor. Credits: (3)

EDM 360 - Asset Protection & Critical Infrastructure

Examination of economic, legal, organizational and social infrastructure related to emergency management. **Prerequisites & Notes** PREQ: EDM 250. Credits: (3)

EDM 435 - Homeland Security

Overview of relevant issues relating to the problems and practices of providing "homeland security". Seminar. Credits: (3)

EDM 448 - Emergency Exercise Design and Evaluation

Design, development and assessment of simulated exercises to evaluate and improve emergency readiness and response capabilities. **Prerequisites & Notes** PREQ: EDM 250 or permission of instructor. Credits: (3)

EDM 452 - Legal Issues in Emergency and Disaster Management

Overview of relevant federal and state statutes relating to emergency and disaster management and applicable legal concepts. **Prerequisites & Notes** PREQ: EDM 250 or permission of instructor. Credits: (3)

EDM 457 - Terrorism

Examination of the origins, evolution, dimensions, and impacts of both domestic and international terrorism. Credits: (3)

EDM 460 - Case Studies in Emergency and Disaster Management

In-depth examination of specific public crises and disasters. **Prerequisites & Notes** PREQ: EDM 250 or permission of instructor. Credits: (3)

EDM 480 - Independent Study in Emergency and Disaster Management

Independent Study in Emergency and Disaster Management **Prerequisites & Notes** PREQ: EDM 250 or permission of instructor. Credits: (1-3, R6)

EDM 483 - Internship in Emergency and Disaster Management

Supervised application of academic study in a practical public safety and/or security management setting. **Prerequisites & Notes** EDM 250 or permission of instructor. Credits: (3-12, R12)

EDM 493 - Topics in Emergency and Disaster Management

Topics in Emergency and Disaster Management **Prerequisites & Notes** PREQ: EDM 250 or permission of instructor. Credits: (1-3, R12)

Physical Therapy

Office Info: 310 Moore Building/Main Campus (828) 227-7070 pt@email.wcu.edu

Department Website

Karen Lunnen, Department Head Faculty/Staff Directory (search by department)

Physical Therapy

PT 190 - Caring for the Aging Population: Challenges and Solutions

Investigate issues related to aging and health, including longevity, age-related changes in healthy older people, living arrangements, caregiving, programs for healthier aging, nutrition, financial concerns. Credits: (3)

PT 400 - Complimentary and Integrative Therapies

Broad overview of the history, development, terminology, research and implementation of complimentary and integrative therapies. (P1) Credits: (3)

PT 620 - Promoting Optimal Physical Function In Older Adults

Examination of age-related physiologic changes and medical conditions with emphasis on implications for physical function in older adults and interventions for modifying the disablement process. Credits: 3

PT 645 - Pediatric Interventions

Pediatric Interventions Credits: (2)

PT 661 - Motor Behavior

Examination of motor development, motor control, and motor learning in therapeutic settings; emphasis is on intervention principles for clients across the lifespan with neuromuscular dysfunction. **Prerequisites & Notes** 2 Lab. Credits: 1

PT 670 - Advanced Manual Therapy Techniques

Advanced Manual Therapy Techniques Credits: (2)

PT 683 - Experiential Professional Activities I

Experiential Professional Activities I Credits: (2)

PT 684 - Experiential Professional Activities II

Experiential Professional Activities II Credits: (2)

PT 720 - Program Assessment

Program Assessment Credits: (1)

PT 783 - Experiential Professional Activities III

Experiential Professional Activities III Credits: (3)

PT 784 - Experiential Professional Activities IV

Experiential Professional Activities IV Credits: (10)

School of Health Sciences

Office Info: 106 Moore Building/Main Campus (828) 227-7113 hs@email.wcu.edu

Department Website

Jay Scifers, Department Head Faculty/Staff Directory (search by department)

Athletic Training

ATTR 150 - Introduction to Athletic Training

An introduction to athletic training, including care and prevention of injuries incurred by athletes and physically active individuals and basic skills required of athletic trainers. Credits: (3) (2 Lecture, 1 Lab)

ATTR 210 - Clinical Anatomy & Biomechanics

Biomechanics and functional anatomy, including the upper extremities, lower extremities and spine. Discussion of anatomical, kinesiological, biomechanical and physiologic principles related to athletic training. 3 Lecture, 3 Lab.

Prerequisites & Notes PREQ: ATTR 150 & Provisional Admission or Admission to the Athletic Training major. Credits: (4)

ATTR 221 - Therapeutic Modalities I

Designed to introduce the student to theories on pain modulation and the acute inflammatory response, as well as cryotherapy and thermotherapy therapeutic modalities. 3 Lecture, 2 Lab. (8 week course)

Prerequisites & Notes PREQ: ATTR 150 & Provisional Admission to the Athletic Training major. Credits: (1)

ATTR 222 - Therapeutic Modalities II

Designed to introduce the student to the foundations of electrical current in rehabilitation and electrical stimulation therapeutic modalities commonly utilized in the athletic training profession. 3 Lecture, 2 Lab. (8 week course)

Prerequisites & Notes PREQ: Full Admission to the Athletic Training Education Program & Good Standing in the Athletic Training Program. Credits: (1)

ATTR 265 - Clinical Physiology and Pathology

Teaches concepts of human physiology and basic pathology, involving detailed evaluation skills necessary for assessment and recognition of general medical conditions of the physically active. 3 Lecture, 3 Lab.

Prerequisites & Notes PREQ: ATTR 150 & Provisional Admission to the Athletic Training Program. Credits: (4)

ATTR 283 - Clinical Education I

Designed to introduce the student to the process of clinical education through involvement in an approved clinical site at WCU or an affiliate clinical site. 2 Lab/field. **Prerequisites & Notes** PREQ: Provisional Admission to the Athletic Training major. PREQ or COREQ: ATTR 183. Credits: (1)

ATTR 284 - Clinical Education II

Designed to introduce the student to the process of clinical education through involvement in an approved clinical site at WCU or an affiliate clinical site. 2 Lab/field. **Prerequisites & Notes** PREQ: ATTR major, Full Admission to the Athletic Training Education Program & Good Standing in the Athletic Training Program. Credits: (1)

ATTR 323 - Therapeutic Modalities III

Designed to introduce the student to theories of ultrasound, iontophoresis and diathermy as therapeutic modalities commonly utilized in athletic training. 3 Lecture, 2 Lab. (8 week course) **Prerequisites & Notes** PREQ: ATTR 222 & Good Standing in the Athletic Training Program. Credits: (1)

ATTR 324 - Manual Therapy

Designed to introduce the student to theories of manual therapy as commonly utilized in athletic training. 2 Lecture, 2 Lab. (8 week course) **Prerequisites & Notes** PREQ: Good Standing in the Athletic Training Program. COREQ: ATTR 370, 375. Credits: (1)

ATTR 330 - Clinical Measures for the Lower Extremity

Completion of clinical skills needed for the evaluation of the lower extremity, including the foot, ankle, knee and hip, in the physically active population. 3 Lab. **Prerequisites & Notes** PREQ: ATTR Major, Good Standing in the Athletic Training Program. COREQ: ATTR 350. Credits: (2)

ATTR 340 - Clinical Measures for the Upper Extremity

Completion of clinical skills needed for the evaluation of the upper extremity, including the head, face, shoulder, elbow, forearm, wrist and hand in physically active population. 3 Lab. **Prerequisites & Notes** COREQ: ATTR 360 & Good Standing in the Athletic Training Program. Credits: (2)

ATTR 350 - Analysis of Dysfunction of the Lower Extremity

Evaluation techniques of the lower extremity, including the foot, ankle, knee and hip, and common orthopedic conditions of the lower extremity in the physically active population. **Prerequisites & Notes** PREQ: ATTR major, Full Admission to the Athletic Training Education Program & Good Standing in the Athletic Training Program. COREQ: ATTR 330. Credits: (3)

ATTR 360 - Analysis of Dysfunction of the Upper Extremity

Evaluation techniques of the upper extremity, including the head, face, shoulder, elbow, forearm, wrist and hand, and common orthopedic conditions of the upper extremity. **Prerequisites & Notes** PREQ: ATTR 350 & Good Standing in the Athletic Training Program. COREQ: ATTR 340. Credits: (3)

ATTR 370 - Evaluation and Treatment of the Spine

Evaluation techniques of the spine and pelvis, including the cervical spine, thoracic spine, lumbar spine and sacroiliac joints, and common orthopedic conditions of the trunk. **Prerequisites & Notes** PREQ: ATTR 360 & Good Standing in the Athletic Training Program. Credits: (3)

ATTR 375 - Therapeutic Exercise

Designed to provide the student with programs, theories and concepts vital in therapeutic exercise, rehabilitation and reconditioning. 3 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: ATTR 360 & Good Standing in the Athletic Training Program. Credits: (4)

ATTR 377 - Physical Adaptation to Exercise

Designed to provide an overview of the physiological responses and adaptations to physical activity, aerobic exercise and strength training; including programs, theories and concepts vital in injury prevention, rehabilitation and

reconditioning. **Prerequisites & Notes** PREQ: ATTR 350 & Good Standing in the Athletic Training Program or permission of instructor. Credits: (4)

ATTR 383 - Clinical Education III

Designed to expose the student to clinical education through involvement in an approved clinical site at Western Carolina University or an affiliate clinical site. 2 Lab/field. **Prerequisites & Notes** PREQ: ATTR 284 & Good Standing in the Athletic Training Program. Credits: (3)

ATTR 384 - Clinical Education IV

Designed to expose the student to clinical education through involvement in an approved clinical site at Western Carolina University or an affiliate clinical site. 2 Lab/field. **Prerequisites & Notes** PREQ: ATTR 383 & Good Standing in the Athletic Training Program. Credits: (3)

ATTR 410 - Organization and Administration in Athletic Training

Designed to examine the various issues, policies and procedures involved with the administration of athletic training in a variety of professional settings. **Prerequisites & Notes** COREQ: ATTR 483. Credits: (3)

ATTR 415 - Evidence-Based Practice in Athletic Training

Prepares students to critically review and use evidence in the field of athletic training to prepare for the Board of Certification Examination and professional practice. **Prerequisites & Notes** COREQ: 484. Credits: (3)

ATTR 433 - International Aspects of Sports Medicine

Designed to engage students in diverse aspects of sports medicine and allow them to experience patient care in a variety of international settings. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (3, R9)

ATTR 450 - Radiology and Diagnostic Procedures

Provides fundamental clinical knowledge of commonly utilized diagnostic imaging techniques in sports medicine. **Prerequisites & Notes** COREQ: ATTR 484. Credits: (1)

ATTR 465 - Pathophysiology

Teaches concepts of clinical pathophysiology related to assessment, recognition and treatment of general medical conditions of the physically active. **Prerequisites & Notes** COREQ: ATTR 483. Credits: (3)

ATTR 480 - Independent Study in Athletic Training

Independent Study in Athletic Training. **Prerequisites & Notes** PREQ: Permission of Instructor. Credits: (1-3, R9)

ATTR 483 - Clinical Education V

Designed to expose the student to clinical education through involvement in an approved clinical site at Western Carolina University or an affiliate clinical site. **Prerequisites & Notes** PREQ: Good Standing in the Athletic Training Major; Permission of instructor. COREQ: ATTR 465. Credits: (3)

ATTR 484 - Clinical Education VI

Designed to expose the student to new theories, concepts and challenges through completion of a fifteen-week clinical education experience at an approved affiliate clinical site. 2 meetings. **Prerequisites & Notes** PREQ: Permission of instructor and Good Standing in the ATTR major. COREQ: ATTR 415. Credits: (8)

ATTR 493 - Topics in Athletic Training

Studies in special areas of interest in athletic training. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1-3, R9)

Emergency Medical Care

EMC 210 - Introduction to Wilderness Medicine

Survey and introduction to the principles and practices of medical care in austere or wilderness environment. Credits: (3)

EMC 240 - Introduction to Emergency Medical Care

Basic life support; assessment and care of traumatic and medical emergencies; and patient stabilization. Credits: (3)

EMC 241 - Basic Emergency Medical Techniques

Patient assessment, CPR, airway management, splinting and bandaging, childbirth, defibrillation, extrication rescue. 6 Lab/field. **Prerequisites & Notes** COREQ: 240. Credits: (3)

EMC 310 - Wilderness Medicine I

Advanced life support for wilderness medicine. **Prerequisites & Notes** PREQ: 210. Credits: (3)

EMC 320 - Introduction to Pharmacology

Principles, including the dynamics of drug activity, synthesis, and toxicity in drug therapy. **Prerequisites & Notes** PREQ: BIOL 291 and BIOL 292, and emergency medical care or nutrition and dietetics major. Credits: (3)

EMC 321 - Pharmacology Techniques

Techniques of medication calculation and administration. 2 Lab. **Prerequisites & Notes** PREQ: EMC major or permission of program director. COREQ: EMC 320. Credits: (1)

EMC 340 - Introduction to Clinical Medicine

The role and responsibilities of the paramedic, basic medical terminology, patient assessment, including history taking and physical examination techniques. **Prerequisites & Notes** PREQ: EMC major or permission of program director. COREQ: 340 Lab. (Lab is required.) Credits: (3)

EMC 350 - Cardiology

Pathophysiology, assessment, and treatment of cardiac emergencies. 2 Lecture, 1 Lab. **Prerequisites & Notes** PREQ: 340, 351, or permission of instructor. Credits: (2)

EMC 351 - Basic ECG Interpretation

ECG interpretation in the monitoring leads. **Prerequisites & Notes** PREQ: EMC major or permission of instructor. COREQ: EMC 351-30 Basic ECG Interpretation Lab. Credits: (1)

EMC 360 - Acute Fluid and Respiratory Disorders

Pathophysiology, assessment, and treatment of respiratory emergencies; fluid and electrolyte imbalance; manifestations and principles of treatment of shock. 3 Lecture. **Prerequisites & Notes** PREQ: EMC 351. Credits: (3)

EMC 361 - Advanced Emergency Medical Techniques

Traditional techniques of intravenous and respiratory therapy; introduction to new techniques. 3 Lab. **Prerequisites & Notes** PREQ: EMC 320; EMC 340. COREQ: EMC 360. Credits: (1)

EMC 370 - Medical Emergencies

Assessment and advanced life-support for nontraumatic medical emergencies. **Prerequisites & Notes** PREQ: EMC 351. Credits: (3)

EMC 381 - Clinical Practicum I

Development of basic life support skills. **Prerequisites & Notes** PREQ: NC EMT and junior level EMC major or permission of program director. Credits: (1)

EMC 382 - Clinical Practicum II

Development of clinical competency in patient assessment skills. **Prerequisites & Notes** PREQ: 340, 381, or permission of program director. 4 Lab. Credits: (1)

EMC 389 - Cooperative Education in EMC

See Cooperative Education Program. Credits: (1 or 3, R12)

EMC 410 - Trauma Management

Assessment and management of traumatic emergencies, including patient access, stabilization, and transport; radio communications and use of ALS protocols. **Prerequisites & Notes** PREQ: EMC major or permission of program director. COREQ: 410 Lab. (Lab is required). Credits: (2)

EMC 420 - Maternal and Child Emergency Care

Obstetrical, gynecological, and pediatric emergencies. 2 Lecture, 1 Lab. **Prerequisites & Notes** PREQ: EMC 350. Credits: (3)

EMC 430 - Special Needs Patients

Assessment and emergency care of the elderly and handicapped. **Prerequisites & Notes** PREQ: EMC 360. Credits: (1)

EMC 440 - Wilderness Medicine II

Trauma care and preventive medicine in the wilderness environment. **Prerequisites & Notes** PREQ: 310. Credits: (3)

EMC 445 - EMC Systems Management

Planning and managing an emergency medical services system. Emphasis on demand analysis, staffing, medical direction, reimbursement, capital investment, and cost control. Credits: (3)

EMC 450 - Wilderness Medicine III

Advanced wilderness survival skills with special emphasis on medical event planning for outdoor pursuits.

Prerequisites & Notes COREQ: 486. Credits: (3)

EMC 451 - Advanced ECG Interpretation

Advanced electrocardiography including 12-lead ECG interpretation. 1 lecture. 2 lab. **Prerequisites & Notes** PREQ: EMC 350. Credits: (1)

EMC 452 - Advanced Cardiac Life Support

The American Heart Association course leading to certification in advanced cardiac life support. 2 Lab. **Prerequisites & Notes** PREQ: EMC majors only. Credits: (1)

EMC 461 - Simulation Laboratory

Application of Emergency Assessment and medical management skills using a human patient simulator. 2-6 Lab. Credits: (1-3)

EMC 482 - Independent Study in Emergency Medical Care

Independent Study in Emergency Medical Care **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (2)

EMC 483 - Clinical Practicum III

Experience to develop clinical competency in advanced life support assessment and skills. 12 Lab hours. **Prerequisites & Notes** PREQ: 350, 360, 370. Credits: (1-4)

EMC 484 - Clinical Practicum IV

Advanced clinical rotations in a hospital setting. 8 Lab. **Prerequisites & Notes** PREQ: 420, 483. Credits: (2)

EMC 485 - MICU Practicum

Supervised field experience on mobile intensive care units. 9 Lab. **Prerequisites & Notes** PREQ: 410, 420, 483. Credits: (1-3)

EMC 486 - Wilderness Medicine Clinical Practicum

Clinical experience with skills utilized in back country medicine, rescue techniques, land navigation, and evacuation. **Prerequisites & Notes** COREQ: 450. Credits: (3)

EMC 487 - Advanced MICU Practicum

Supervised field experience on mobile intensive care units to review, update, and maintain skills. 8 Field. **Prerequisites & Notes** PREQ: 485 or current paramedic certification; permission of program director. Credits: (2, R8)

EMC 488 - EMC Management Internship

Supervised management experience with an approved emergency medical service provider or regulator. 5 weeks, full time. **Prerequisites & Notes** PREQ: EMC major and permission of program director. Credits: (2, R4)

EMC 493 - Topics in Emergency Medical Care

Topics in Emergency Medical Care Credits: (1-3, R6)

EMC 496 - Senior Seminar in Emergency Medical Care

Overview of current EMS practice. Examination of issues related to professionalism and scope of practice. 2 Seminar. **Prerequisites & Notes** PREQ: EMC 350. Credits: (1)

EMC 520 - EMS Education and Training

EMS Education and Training Credits: (3)

EMC 530 - EMS Response to Community and Public Health Disasters

EMS Response to Community and Public Health Disasters Credits: (3)

EMC 620 - Ethics in EMS Education

Ethics in EMS Education Credits: (3)

EMC 640 - EMS Quality Improvement in EMS

EMS Quality Improvement in EMS Credits: (3)

EMC 645 - EMS System Design and Operations

EMS System Design and Operations Credits: (3)

EMC 650 - EMS System Reimbursement and Finance

EMS System Reimbursement and Finance Credits: (3)

EMC 663 - Quantitative Methods for Decision-Making

Quantitative Methods for Decision-Making Credits: (3)

Environmental Health

ENVH 130 - Environmental Health Science: Systems and Solutions

A comprehensive overview of environmental health science connecting the natural environment to human society. Exploration of environmental issues and sustainability. (C5) Credits: (3)

ENVH 190 - From Black Death to Bioterrorism - The Public Health Solution

Public Health solutions applied to past and future world health concerns such as emergent diseases and international threats such as bioterrorism. Credits: (3)

ENVH 200 - Introduction to Public Health

This course will explore the system of public health and its role in individual, community and global health, including social, governmental and cultural influences. Credits: (3)

ENVH 210 - Global Disparities in Public Health

This course explores global and cultural disparities in public health: healthcare; vaccination programs, safe drinking water; disease vectors; food safety; and wellness programs. (P6) Credits: 3

ENVH 215 - Principles of Personal Protective Equipment

A study of the hazard assessment, use and selection of PPE as a control for occupational health and safety hazards
Credits: (2)

ENVH 230 - Introduction to Environmental Health Science

Survey of human impacts on the environment and health problems caused by environmental factors. Credits: (3)

ENVH 260 - Etiology of Infectious Diseases, Lecture

Disease-causing bacteria, viruses, rickettsia, fungi, and animal parasites; disease-producing mechanisms and resistance to infection. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: CHEM 133 or permission of instructor. COREQ: ENVH 261 Credits: (2)

ENVH 261 - Etiology of Infectious Diseases Laboratory

Laboratory to accompany ENVH 260 Etiology of Infectious Diseases. **Prerequisites & Notes** COREQ: ENVH 260
Credits: (1-2)

ENVH 300 - Occupational Health

Historical, social, and legislative overview of occupational health and the prevention of injuries and illnesses. The impact of human behavior and culture will be examined. (P1) Credits: (3)

ENVH 310 - Water Quality Control

Environmental management practices related to water pollution and water quality. 3 Lecture. Credits: (3)

ENVH 311 - Water Quality Control Laboratory

Laboratory to accompany ENVH 310 Water Quality Control. **Prerequisites & Notes** COREQ: ENVH 310.
PREREQ: Junior Standing.
Credits: (1)

ENVH 312 - Solid and Hazardous Waste Management

Techniques for management and disposal of solid and hazardous waste. Pollution problems associated with solid and hazardous waste. Credits: (2)

ENVH 317 - Noise and Hearing Conservation

A study of the recognition, evaluation and control of noise and hearing conservation. **Prerequisites & Notes** PREQ: None. Credits: (2)

ENVH 320 - Institutional and Residential Environment

An introduction to the basic health and safety issues in modern housing and institutional settings. 2 Lecture, 2 Lab. Credits: (3)

ENVH 330 - Food Protection and Sanitation

Principles and techniques applied to the protection of food and milk for human consumption. 3 Lecture. Credits: (3)

ENVH 331 - Food Protection and Sanitation Laboratory

Laboratory to accompany ENVH 330 Food Protection and Sanitation. **Prerequisites & Notes** COREQ: ENVH 330 PREREQ: Junior Standing. Credits: (1)

ENVH 340 - Environmental Health Practices

Environmental protection through the study of environmental topics, control methods, and techniques to enhance practice. Credits: (3)

ENVH 375 - Environmental Toxicology

The monitoring, effects, and control of toxic materials in the environment. Mechanisms of action of toxic chemicals in humans and other organisms. **Prerequisites & Notes** PREQ: Junior Standing. Credits: (3)

ENVH 380 - Biosafety and Bioterrorism

Biosafety and Bioterrorism Credits: (3)

ENVH 410 - Radiation Safety

A study of the recognition, evaluation and control of ionizing and non-ionizing radiation sources found in the occupational environment. Credits: (2)

ENVH 430 - Medical Entomology

The study of the morphology, physiology, phylogeny, ontogeny, behavior, ecology, and population biology of insects. 3 Lecture. Credits: (3)

ENVH 431 - Medical Entomology Laboratory

Laboratory to accompany ENVH 430 Medical Entomology. **Prerequisites & Notes** COREQ: ENVH 430. PREQ: Junior Standing Credits: (1)

ENVH 440 - Air Quality Control

Evaluating and monitoring air quality; effects of pollution control and lab procedures in air quality investigation. 3 Lecture. **Prerequisites & Notes** PREQ: Junior Standing. Credits: (3)

ENVH 450 - Quantitative Air Analysis

Principles, techniques, and methods to quantify chemical substances in the air. 1 lecture, 2 lab. **Prerequisites & Notes** PREQ: Junior Standing Credits: (2)

ENVH 457 - Industrial Hygiene

Health aspects of industry relative to the environmental factors of shelter, waste, and air. **Prerequisites & Notes** PREQ: Environmental health major or permission of instructor. Credits: (3)

ENVH 458 - Environmental Regulation and Law

Basic concepts of environmental law including the workings of the justice system, the litigation process, witness testimony, and laws. Credits: (3)

ENVH 460 - Senior Seminar in Environmental Health

Exploration of current issues in environmental health. **Prerequisites & Notes** PREQ: Senior status. Credits: (1)

ENVH 465 - Wastewater Issues in Environmental Health

Overview of concepts related to water and wastewater management in the U.S., including residential (on-site), community, and municipal wastewater systems. **Prerequisites & Notes** PREQ: 310. Credits: (3)

ENVH 470 - Principles of Epidemiology

Principles and applications to investigation, control, prevention of disease and statistical applications. **Prerequisites & Notes** PREQ: Senior standing and permission of instructor. Credits: (4)

ENVH 480 - Independent Study in Environmental Health

Independent Study in Environmental Health Credits: (1-3, R4)

ENVH 483 - Environmental Health Internship

Supervised experience in an approved clinical or environmental health facility. 9 weeks, full-time. **Prerequisites & Notes** PREQ: Environmental health major or permission of instructor. Credits: (1-3, R6)

ENVH 493 - Topics in Environmental Health

Studies in special areas of interest in environmental health. **Prerequisites & Notes** PREQ: permission of instructor. Credits: (1-3, R9)

ENVH 499 - Undergraduate Research in Environmental Health

Mentored undergraduate research in a selected area of environmental health. Credits: (2)

Gerontology

GERN 310 - Aging Lifestyles and Society

A study of how healthy lifestyles can slow and reverse the aging process with emphasis on the meaning of aging in contemporary American society and culture. Credits: (3)

GERN 480 - Independent Study

A directed independent study in the field of gerontology. **Prerequisites & Notes** PREQ: Permission of advisor. Credits: (1-3, R9)

GERN 493 - Topics

Topics Credits: (1-6)

GERN 498 - Aging Seminar

A capstone course with the major focus on researching and presenting a specific aging topic. The self-application of healthy aging concepts will be emphasized. Credits: (3)

GERN 520 - Long-Term Care Continuum

Long-Term Care Continuum Credits: (3)

GERN 630 - Medicare and Medicaid

Medicare and Medicaid Credits: (3)

Health Information Administration

HIA 310 - Introduction to Health Information Administration

Orientation to the healthcare environment; health information management profession and its history, ethics, and duties; overview of the basic departmental functions for a paper-based patient record. **Prerequisites & Notes** PREQ: Admission to HIA program or permission of HIA program director. Credits: (2)

HIA 312 - Coding and Classification Systems

Theory and application of principles and conventions for inpatient and outpatient coding systems, including abstracting, code assignment, sequencing, NCCI, and computer applications. 3 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: 326. COREQ: 314. Credits: (4)

HIA 313 - Health Care Statistics and Registries

Computation of routine healthcare statistics; the United States vital statistics system; registries; and, presentation and interpretation of healthcare data. **Prerequisites & Notes** PREQ: 310. Credits: (3)

HIA 314 - Health Data Systems

Study of creation/uses of patient data across healthcare, including: content, format, analyses, control, numbering/filing systems, storage, retention, accreditation, certification, licensure standards, and regulations. **Prerequisites & Notes** PREQ: 310. Credits: (3)

HIA 322 - Inpatient Coding

Basic ICD coding for inpatients; NCCI, and coding for prospective payment. **Prerequisites & Notes** COREQ: 326. Credits: (3)

HIA 324 - Outpatient Coding

Basic CPT and HCPCS coding for outpatients; coding for prospective payment. **Prerequisites & Notes** PREQ: 322. Credits: (3)

HIA 326 - Principles of Disease

Study of the diagnosis, management, and documentation of common diseases with emphasis on etiology, signs and symptoms, complications, and current pharmacological and surgical therapies. **Prerequisites & Notes** PREQ: BIOL 291, 292, and HSCC 220. Credits: (4)

HIA 387 - Professional Practice Experience I

Mentored experiential, integrative, and reflective activities that apply health information theory and knowledge. Emphasizes self-appraisal, introducing professional behaviors and expectations; oral communication; and business etiquette. **Prerequisites & Notes** COREQ: 310. Credits: (1)

HIA 388 - Professional Practice Experience II

Mentored experiential, integrative, and reflective activities that apply health information theory and knowledge. Emphasizes professional behaviors, rights and responsibilities; writing; and information literacy and technology. **Prerequisites & Notes** PREQ: 387. Credits: (1)

HIA 412 - Health Care Reimbursement

Principles of professional and facility reimbursement, including: common inpatient and outpatient payment systems, current regulations, casemix analysis, chargemaster, compliance, claims auditing, utilization and case management. **Prerequisites & Notes** PREQ: 324. Credits: (3)

HIA 418 - Organization Administration

HIA roles in healthcare organizations, including: strategic planning and decision support; project management; cost-benefit analysis, performance improvement, facilitation of work teams, human resources, and change. **Prerequisites & Notes** PREQ: HSCC 311. Credits: (3)

HIA 420 - Health Care Informatics

Analysis, design, and implementation of clinical and administrative automated data systems, including: technologies; standards, protocols, regulations, and security requirements. Study of the electronic health record. **Prerequisites & Notes** PREQ: 418. Credits: (3)

HIA 480 - Independent Study in Health Information Administration

Independent Study in Health Information Administration **Prerequisites & Notes** PREQ: Permission of HIA program director and instructor. Credits: (1-3, R6)

HIA 483 - Professional Practice Experience I

Supervised professional practice in an acute-care facility, focusing on health information processes. **Prerequisites & Notes** PREQ: All preceding HIA courses. Credits: (2)

HIA 484 - Professional Practice Experience II

Supervised professional practice in non-acute care facilities and other healthcare related organizations. **Prerequisites & Notes** PREQ: 420, 483. Credits: (1)

HIA 485 - Professional Practice Experience III

Supervised professional practical application in an acute-care facility, focusing on administrative and supervisory functions. **Prerequisites & Notes** PREQ: 420, 483. COREQ: 418. Credits: (3)

HIA 487 - Professional Practice Experience III

Mentored experiential, integrative, and reflective activities that apply health information theory and knowledge. Emphasizes demonstrating professional behaviors, exploration of HIM roles; introduction to life-long learning. **Prerequisites & Notes** PREQ: 388. Credits: (1)

HIA 488 - Professional Practice Experience IV

Observation and application of administrative and management skills in the health care work environment under the supervision of an experienced HIM professional. **Prerequisites & Notes** COREQ: 495. Credits: (4)

HIA 495 - Seminar in Health Information Administration

Transition to the professional role, including: discussion of issues and trends; professional ethics, rights and responsibilities; strategies for the credentialing exam and career management. **Prerequisites & Notes** PREQ: 487. Credits: (3)

Health Sciences

HSCC 101 - Nutrition, Fitness, and Wellness

Dimensions of human wellness with an emphasis on physical health. Application of skills will be encouraged, and self-responsibility will be highlighted. 1 hour supervised physical activity every other week. (C4) Credits: (3)

HSCC 191 - Does Inequality Make You Sick?

A study of genetic, environmental, social, and economic influences as determinants of health, introducing an approach to problem solving using scientific, ethical, and social data. Credits: (3)

HSCC 192 - Introduction to Health Professions

Exploration of health professions, the health sciences, and the preparation, values, and perspectives of health professionals; roles and responsibilities of members of the health care team. Credits: (3)

HSCC 205 - Women's Health

Discussion of significant contemporary health issues that impact women around the world and across the lifespan. (P6) Credits: 3

HSCC 220 - Medical Terminology

The meaning, construction, and use of terms in the medical and health sciences; standard medical abbreviations. Credits: (3)

HSCC 231 - Introduction to Health Promotion/Disease Prevention for Preschool Children

An introduction to child growth and development, nutrition, and health promotion, primarily with Head Start-eligible children and their families. 2 Lecture, 2 Lab. Credits: (3)

HSCC 232 - Strategies for Health Promotion/Health Maintenance with Preschool Children

Emphasis on acquisition and development of skills in history taking, screening activities, and planning and participating in the health care of Head Start-eligible children. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: 231. Credits: (3)

HSCC 233 - Practicum: Health Promotion and Disease Prevention in Preschool Programs

Emphasis on application and refinement in a field setting of knowledge and skills previously learned in HSCC 231 and 232. 9 Lab. Credits: (3)

HSCC 307 - Evaluating Health Claims: Fact or Quack

Examination of health information focusing on social norms, cultural influences, and behavioral characteristics used to target consumers of health care, fitness, diet, and nutritional products. (P1) Credits: (3)

HSCC 311 - Systems and Trends in Health Care Delivery

Overview of theories and principles concerning health, disease, and the delivery system. Examination of emerging trends and issues and their relationship to the delivery system. **Prerequisites & Notes** PREQ: Health sciences major or permission of instructor. Credits: (3)

HSCC 318 - Department Administration

Principles of supervision and administration as applied in health care departments. Emphasis on communication and problem-solving related to planning, organizing, directing, controlling, and budgeting. Credits: (3)

HSCC 320 - Human Resource Management in Health Care Agencies

Selected knowledge and skills related to recruiting, interviewing, selecting, training, and evaluating human resources in healthcare agencies. Credits: (3)

HSCC 330 - Legal and Legislative Aspects of Health Care

The legal aspects of healthcare and legislative forces affecting it; impact on practitioners. Credits: (1-3)

HSCC 389 - Cooperative Education in Health Sciences

See Cooperative Education Program. Credits: (1 or 3, R15)

HSCC 420 - Cultural Diversity for Health Care Practitioners

Discussion of cultural diversity and the unique challenges they afford health care practitioners in their quest for providing culturally competent care with improved health outcomes. (P6) Credits: (3)

HSCC 440 - Quality Management in Health Care Agencies

Quality management terminology, methodology, principles, and selected case studies utilized in healthcare agencies as a vehicle for organizational research. Introduction of managed care. **Prerequisites & Notes** PREQ: Health sciences major or permission of instructor. Credits: (3)

HSCC 450 - Financial Management in Health Care

Selected knowledge and skills related to budgeting and the financial management of clinical departments and service units. Credits: (3)

HSCC 470 - Research Methods in Health Science

Overview of methodology and analysis for inquiry in health sciences, designed to prepare health sciences majors for assessing and conducting research. Credits: (3)

HSCC 471 - Research Project

Completion of a research study where the student works independently under the direction of a faculty adviser, within their discipline, in conducting and documenting research. **Prerequisites & Notes** PREQ: 470. Credits: (1, R2)

HSCC 493 - Special Topics

Special Topics Credits: (1-3)

Master of Health Sciences

MHS 510 - Systems and Policy in Health Care

Systems and Policy in Health Care Credits: (3)

MHS 530 - Continuing Education for Health Professionals

Continuing Education for Health Professionals Credits: (3)

MHS 532 - Principles of Clinical Education

Principles of Clinical Education Credits: (3)

MHS 534 - Training and Development in Clinical Settings

Training and Development in Clinical Settings Credits: (3)

MHS 536 - Educational Technology in Health Sciences

Educational Technology in Health Sciences Credits: (3)

MHS 540 - Health Communications

Overview of social marketing as the basis for developing health communications between providers and consumers.
Credits: 3

MHS 562 - Leadership Strategies for Health Care Organizations

Leadership Strategies for Health Care Organizations Credits: (3)

MHS 564 - Cost Containment/Productivity Management in Healthcare Organizations

Cost Containment/Productivity Management in Healthcare Organizations Credits: (3)

MHS 660 - Health Care Marketing

Health Care Marketing Credits: (3)

MHS 662 - HealthCare Organization-Problem Solving and Decision Making

HealthCare Organization-Problem Solving and Decision Making Credits: (3)

MHS 664 - The Legal Environment of Healthcare

The Legal Environment of Healthcare Credits: (3)

MHS 665 - Quality Performance in Health Care Organizations

Quality Performance in Health Care Organizations Credits: (3)

MHS 668 - Health Care Informatics

Health Care Informatics Credits: (3)

MHS 675 - Research Methodology in the Health Sciences

Research Methodology in the Health Sciences Credits: (3)

MHS 680 - Directed Independent Study in Health Sciences

Directed Independent Study in Health Sciences Credits: (1-3, R6)

MHS 687 - Internship in Health Care Organizations

Internship in Health Care Organizations Credits: (3)

MHS 693 - Special Topics in Health Sciences

Special Topics in Health Sciences Credits: (3, R6)

MHS 694 - Seminar in Healthcare Management Issues

Seminar in Healthcare Management Issues Credits: (3)

MHS 696 - Research Seminar in Health Sciences

Research Seminar in Health Sciences Credits: (3)

MHS 698 - Project in Health Sciences

Project in Health Sciences Credits: (3, R6)

MHS 699 - Thesis

Thesis Credits: (3, R12)

MHS 779 - Continuing Research-Non Thesis Option

Continuing Research-Non Thesis Option Credits: (1, R10)

MHS 799 - Continuing Research-Thesis Option

Continuing Research-Thesis Option Credits: (2, R24)

Nutrition and Dietetics**ND 190 - Personal Nutrition**

Basic research-based nutrition concepts applied to assessment and adjustment of personal nutrition habits; critical evaluation of nutrition information and influences on dietary patterns. Credits: (3)

ND 239 - Dietetics as a Profession

Introduction to professional ethics, conduct in-patient care, structure of the American Dietetic Association, and current issues in the profession of dietetics. Credits: (1)

ND 300 - The Science of Nutrition

An introduction to the principles of a healthful diet and weight control in comparison to current trends in eating behaviors and food production. 3 in-class laboratory sessions during four 75-minute class periods. Credits: (3)

ND 310 - Food, Nutrition, and Culture

Exploration of the role of cultural diversity in formation of food habits with focus on changes in U.S. dietary patterns related to global cultural plurality. (P6) Credits: (3)

ND 330 - Human Nutritional Needs

Principles of nutrition including digestion, requirements of nutrients, dietary adequacy, factors affecting food choices, and roles of nutrition in physical fitness and health maintenance. Credits: (3)

ND 331 - Food Science

Scientific principles of food preparation; effect of preparation practices on food quality and nutrient retention; storage and preservation principles. 3 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: 330. Credits: (4)

ND 333 - Quantity Food Production

Application of principles of food preparation in large quantities; use of institutional equipment and procedures; introduction of institutional food service production management techniques. 2 Lecture, 3 Lab. **Prerequisites & Notes** PREQ: ND 331 Credits: (3)

ND 334 - Nutritional Assessment

Nutritional assessment of individuals using demographic, biochemical, anthropometric, and dietary parameters. **Prerequisites & Notes** PREQ: 330. Credits: (3)

ND 335 - Nutrition Through the Life Cycle

Application of nutrition principles during different stages of the life, including preconception, pregnancy, lactation, infancy, preschool years, middle childhood, adolescence, adulthood and late maturity. **Prerequisites & Notes** PREQ: 330. Credits: (3)

ND 336 - Nutrition Interviewing and Counseling Skills

Basic interviewing and counseling principles and strategies with application for promoting successful lifestyle and nutrition changes. **Prerequisites & Notes** PREQ: ND 330. COREQ: ND 334. Credits: (2)

ND 338 - Normal and Therapeutic Nutrition

Principles of normal human nutrition, altered nutrient requirements of disease states, and medical nutrition therapy. **Prerequisites & Notes** PREQ: BIOL 291, CHEM 133. PREQ or COREQ: BIOL 292 prenursing major Credits: (3)

ND 340 - Community Nutrition

Application of nutrition principles to planning funding implementation, monitoring and evaluation of community nutrition programs and activities. **Prerequisites & Notes** PREQ: 330. Credits: (3)

ND 342 - Nutrition in Athletics

Students will learn to integrate basic concepts of nutrition, energy metabolism and exercise physiology to understand nutritional requirements in exercise. **Prerequisites & Notes** PREQ: ND 330 or HSCC 150; only for students accepted into Athletic Training program. Credits: (3)

ND 389 - Cooperative Education in Nutrition

See Cooperative Education Program. Credits: (1 or 3, R15)

ND 410 - Study Abroad:A Global Perspective in Nutrition

Exploration of the health, culture, and other influences of the traditional diet in a variety of international settings. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (3)

ND 432 - Institutional Food Service Management I

Functions of management applied to food service systems; emphasis on food service equipment, layout and design, menu development, procurement, and production management. **Prerequisites & Notes** ND 333 and a nutrition major
Credits: (3)

ND 433 - Research Methods in Nutrition

Standard procedures for nutrient analysis, including proximate analysis of foods; introductory experimental design and methodology. 2 Lecture, 4 Lab. **Prerequisites & Notes** PREQ: MATH 170 or PSY 251. Credits: (3)

ND 435 - Institutional Food Service Management II

Principles of food service management related to management theories and techniques, time management skills, delegation and negotiation skills, communication skills, personnel management, financial management, and ethics.
Prerequisites & Notes PREQ: 432. Credits: (3)

ND 439 - Introduction to Professional Practice

Introduction to professional ethics, conduct in patient care, utilization of laboratory values, nutritional assessment, and dietary management. **Prerequisites & Notes** PREQ: Permission of the instructor or nutrition major. Credits: (1)

ND 441 - Nutritional Biochemistry I

Normal nutrition in relation to biochemical and physiological functioning of macronutrients and their interrelationships.
Prerequisites & Notes PREQ: Nutrition major ND 334, ND 336, BIOL 293, and CHEM 133. Credits: (3)

ND 442 - Nutritional Biochemistry II

Normal nutrition in relation to biochemical and physiological functioning; interrelationships of nutrients with emphasis on vitamin and mineral pathways. **Prerequisites & Notes** PREQ: 441. Credits: (3)

ND 444 - Nutrition Education

Analysis and application of educational theory and techniques used in nutrition education; skill-building in the design evaluation of nutrition education for diverse audiences. **Prerequisites & Notes** PREQ: 334, 340. Credits: (3)

ND 450 - Nutrition Theory for Health Professionals

Mechanisms by which diet contributes to maintenance of health, prevention, and treatment of diseases common in public health and community settings. **Prerequisites & Notes** PREQ: 330, BIOL 293 and CHEM 133. Credits: (3)

ND 451 - Medical Nutrition Therapy I

Mechanisms by which diet contributes to maintenance of health, prevention and a treatment of diseases of the GI tract, liver disease, and cardiovascular disease. **Prerequisites & Notes** PREQ: Nutrition major and ND 334, ND 336, BIOL 293 and CHEM 133. Credits: (3)

ND 452 - Medical Nutrition Therapy II

Mechanisms by which diet contributes to maintenance of health, prevention and treatment of diabetes, renal disease, cancer, and pulmonary diseases. **Prerequisites & Notes** PREQ: 451. Credits: (3)

ND 453 - Therapeutic Nutrition Laboratory

An application of information received in ND 452; foods lab preparation of modified diets, field trips to hospitals, mock charts, and case studies. 3 Lab. **Prerequisites & Notes** COREQ: 452. Credits: (1)

ND 461 - Nutrition & Dietetics Capstone

Capstone course designed for student self-appraisal of career goals and interests; application of cumulative academic content to create professional presentations through service and research. **Prerequisites & Notes** PREQ: 433. Credits: (2)

ND 480 - Independent Study in Nutrition

Independent Study in Nutrition **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1-3, R6)

ND 495 - Seminar in Nutrition

Student presentations on current topics in nutrition. **Prerequisites & Notes** PREQ: 436. Credits: (1)

ND 541 - Nutritional Biochemistry I

Nutritional Biochemistry I Credits: (3)

ND 542 - Nutritional Biochemistry II

Nutritional Biochemistry II Credits: (3)

ND 551 - Medical Nutrition Therapy I

Medical Nutrition Therapy I Credits: (3)

ND 552 - Medical Nutrition Therapy II

Medical Nutrition Therapy II Credits: (3)

ND 610 - Nutrition Core for the Older Adult

Social, cultural, physiological and psychological factors which affect nutritional status of the older adult and strategies for health promotion and disease prevention. Credits: 3

ND 680 - Concepts & Methods of Dietetic Practice

Dietetic interns will build upon foundational knowledge, skills and core-competencies in preparation for supervised practice practicums. **Prerequisites & Notes** PREQ: Admission to WCU Dietetic Internship Credits: 3

Recreational Therapy

RTH 101 - T'ai Chi Ch'uan

First circle of Yang Family Long Form, T'ai Chi Ch'uan. The gentle art of moving meditation. 2 meetings. Credits: (1, R3)

RTH 102 - Adaptive Fly Fishing

Applied education, and possible certification, in therapeutic adaptive fly fishing and fly tying as a recreational therapy modality. **Prerequisites & Notes** PREQ: RTH major or approval by instructor.
COREQ: Accepted as RTH major or permission of instructor.

Credits: (1)

RTH 200 - Foundations of Recreational Therapy

An investigation into the prescribed use of recreational activity as a clinical treatment modality for persons whose functional abilities are impaired. Credits: (3)

RTH 250 - Inclusion and Recreation for People with Disabilities

Addressing physical, psychological, and accessibility needs of individuals with disabilities through inclusion in community-based and outdoor recreation services in non-institutional settings. Credits: (3)

RTH 300 - Health and Healing - The Spirit-mind-body connection

A comparative overview of healthcare practices drawn from wellness paradigms of selected traditional and non-traditional belief systems. (P1) Credits: (3)

RTH 350 - Recreational Therapy and People with Physical Disabilities

Addressing physical and psychological needs of individuals with physical disabilities through recreational therapy service in clinical and community settings. **Prerequisites & Notes** PREQ: RTH 352, accepted as RTH major. Credits: (3)

RTH 352 - Recreational Therapy Processes and Techniques

Assessment, planning, implementation, and evaluation strategies attendant to recreational therapy service delivery. **Prerequisites & Notes** PREQ: 200. Credits: (3)

RTH 360 - Recreational Therapy Services for Older Adults

Addressing the physical, psychological, and social needs of the elderly through recreational therapy. 2 lecture. 2 lab
Prerequisites & Notes PREQ: RTH 352, accepted as RTH major. Credits: (3)

RTH 370 - Methods in Recreational Therapy

Theoretical and practical examination of contemporary implementation procedures used in recreational therapy practice. **Prerequisites & Notes** PREQ: RTH 352 Credits: (3)

RTH 389 - Cooperative Education in Recreational Therapy

See Cooperative Education Program. Credits: (1 or 3, R15)

RTH 395 - Pre-Internship Seminar

Overview of NCTRC standards for professional certification, personal communication skills, practicum documentation requirements, internship site selection, and bloodborne pathogen training. **Prerequisites & Notes** PREQ: RTH 352, RTH 370 as a pre or co-requisite, accepted as RTH major. Credits: 1

RTH 396 - Special Topics

Special Topics Credits: (1-3)

RTH 401 - Client Assessment in Recreational Therapy

Study of the role of reliable assessment in the recreational therapy treatment planning process. Focus on assessment, developing treatment goals, evaluating outcomes, and documentation. **Prerequisites & Notes** PREQ: RTH 352
Credits: (3)

RTH 417 - Administration of Recreational Therapy Services

Contemporary recreational therapy program organizational principles and administrative issues. **Prerequisites & Notes**
PREQ: 352. Credits: (3)

RTH 470 - Adventure-Based Recreational Therapy

A theoretical and practical investigation of structured outdoor experiences as vehicles for facilitating human growth and development. Field trips required. **Prerequisites & Notes** PREQ: RTH 352, PRM 270. Accepted as RTH major.
Credits: (3)

RTH 481 - Independent Study

Independent Study Credits: (1-3, R6)

RTH 484 - Recreational Therapy Clinical Internship

Full-time internship in a recreational therapy program under direct professional supervision. **Prerequisites & Notes**
PREQ: RTH 350, 352, 360, 370, 395, 401, 405, 417, "C" or better in all RTH prefix courses and permission of instructor
Credits: (6)

RTH 485 - Recreational Therapy Clinical Internship

Experience designed to integrate theory with practice; observation, fieldwork, and planning in a setting related to student's area of interest. 3 hours per credit hour. **Prerequisites & Notes** PREQ: RTH 350, 352, 360, 370, 395, 401, 405, 417, "C" or better in all RTH prefix courses and permission of instructor. Credits: (6)

RTH 493 - Special Topics in Recreational Therapy

Trends and contemporary issues in recreational therapy. Credits: (1-3)

School of Nursing

Office Info: 209 Moore Building/Main Campus (828) 227-7467 nurs@email.wcu.edu

Department Website

Judy Neubrander, Interim Department Head Faculty/Staff Directory (search by department)

Pre-Licensure Nursing Declaration of a major in pre-nursing does not guarantee admission into the program. Students must formally apply and be admitted into the program before beginning the professional sequence of courses and/or proceeding into clinical placements. Admission to the upper-division nursing major is

competitive, and priority is given to the best qualified students. Admission is based on cumulative GPA (3.00) minimum on all previous undergraduate college work and test scores. In addition to the academic requirements below, students are expected to adhere to the technical and professional standards and safe practice policies of the program. For the most up to date information regarding these standards, refer to the Nursing program website.

Minimum GPA Requirement: 3.00

When do students apply? To be considered for admission, all students must have completed, or be in the process of completing, 60 semester hours of college work, including program requirements. Applications from non-RNs are accepted twice per year. Refer to the nursing website (<http://nursing.wcu.edu>) for applicant deadlines.

Required Pre-requisites: To be considered for admission, all students must have completed, or be in the process of completing, 60 semester hours of college work, including program requirements.

Retention in the Program: Students must take and pass with a grade of C (2.00) or better all required courses in sequence and demonstrate professional and safe nursing practice. In addition, courses which combine selected content areas require the student to demonstrate competency in each content area by achieving a minimum exam score average of C (77%). For more information on retention policies in the nursing program, refer to the Nursing program website.

Accelerated Entry-Option For Second Degree Students - Pre-Licensure Nursing Track The accelerated 12-month option provides a fast track for students ready for a challenging transition to a career as a bachelor-of-science-educated registered nurse. The course requirements for the ABSN are the same as for the traditionally scheduled program, however the content is taught in a compressed format. The ABSN is designed for non-working, full-time students. The ABSN option is taught on the Enka campus of Asheville-Buncombe Community College. Admission is based on cumulative GPA (3.00) minimum on all previous undergraduate college work and test scores. An interview with ABSN Admissions Committee (scheduled after application is complete) is also required. The "accelerated" pre-licensure entry-option, ABSN, is only for persons who

- Already have a bachelor's (or higher) degree in another discipline from an accredited college or university
- Have completed the prerequisites for the nursing major as listed on the website.
- Can commit to an intense 12-month course of study

In addition to the academic requirements below, students are expected to adhere to the technical and professional standards and safe practice policies of the program

Minimum GPA Requirement: 3.0 cumulative GPA from all undergraduate institutions. When do students apply? Applicants are accepted twice per year. Refer to the nursing website (<http://nursing.wcu.edu>) for application deadlines.

Retention in the Program: Students must take and pass with a grade of C (2.00) or better all required courses in sequence and demonstrate professional and safe nursing practice. In addition, courses which combine selected content areas require the student to demonstrate competency in each content area by achieving a minimum exam score average of C (77%). For more information on retention policies in the nursing program, refer to the Nursing program website.

RN to BSN Nursing Track To be admitted to the program, students must satisfy the following admission prerequisites:

- A current, unrestricted license to practice as an RN in North Carolina (includes Compact states).
- A cumulative GPA of 2.5 or higher on all post-secondary courses.
- Completion of the School of Nursing course prerequisites and the WCU Liberal Studies requirements with grades of C or better.
- Accumulation of at least 60 semester non-nursing credit hours.
- The WCU Liberal Studies requirement is waived if student has a previous baccalaureate degree or an Associate of Arts or Associate of Science from

a North Carolina Community College. An Associate of Applied Science degree does not waive this requirement.

- **Retention in the Program:** Students must maintain a cumulative GPA of 2.25 overall in the major and earn a grade of C (2.0) or better in each required course in the major in order to remain in the program.
- Students are expected to adhere to the technical and professional standards and safe practice policies of the program.
- For the most up to date information regarding standards, refer to the Nursing program website.
- See the Nursing program website for application deadlines. **The RN to BSN track is only for persons who**
- Have a current, unrestricted license to practice as an RN in North Carolina OR will have such a license before starting WCU NSG courses.
- Have completed WCU Liberal Studies requirements
- Have at least 60 semester hours not counting previous Nursing courses
- Desire the convenience of an on-line program (two required meeting per semester on the Enka Campus).

Nursing

NSG 101 - Introduction to Professional Nursing

Introduction to Professional Nursing Introduces pre-licensure students to essential competencies for nursing. 1 Lecture
Prerequisites & Notes Required prerequisite for subsequent nursing courses with a required minimum grade of 3.0 (B)
Credits: (1)

NSG 301 - Professional Transitions in Nursing

The development of the profession and of professional nurse roles and the processes through which they are conducted.
Prerequisites & Notes COREQ: NSG 398 & NSG 399. Credits: (3)

NSG 302 - Community Health Nursing I: Theory

Concepts of population-focused nursing practice; protection and promotion of health for individuals, families, communities and aggregates. **Prerequisites & Notes** COREQ: 305, 384. Credits: (3)

NSG 303 - Spiritual Dimensions of Nursing

Meaning of spirituality from multiple perspectives and historical relationships with nursing explored. Credits: (3)

NSG 304 - Stress Management and Health for the Caregiver

Designed for health professionals, students in health professions and other caregivers to learn stress management and self-care. Credits: (3)

NSG 305 - Community Health Nursing III: Intervention Project

Community assessment, planning and intervention for health promotion in population-focused nursing practice.
Prerequisites & Notes PREQ: 302, 384. Credits: (1)

NSG 306 - Exploration of Complementary and Alternative Healthcare

Exploration of complementary and alternative healthcare technologies and methodologies. Credits: (3)

NSG 310 - Foundations of Nursing

Fundamental nursing concepts and processes essential to promoting health and maintaining wellness. Focuses beginning practitioner on care across the lifespan. **Prerequisites & Notes**
PREQ.: Admission to the major

CO-REQ.: NSG 311 Credits: (4)

NSG 311 - Foundations of Nursing Practicum

Application of fundamental nursing concepts. The nursing role is explored within the context of individual, family and community health. **Prerequisites & Notes** PREQ: Admission to the major. COREQ: NSG 310. Credits: (3)

NSG 312 - Nursing Assessment thru the Lifespan

Professional nursing observation and physical assessment of the individual in healthcare delivery systems. Basic systematic assessment skills used within the nursing process framework. **Prerequisites & Notes** PREQ.: Admission to the major

CO-REQ.: NSG 311 Credits: (3)

NSG 313 - Pharmacotherapeutics in Nursing

Effects of chemicals used in the prevention, diagnosis and treatment of disease. Emphasis on safe application of basic pharmacotherapeutic knowledge. **Prerequisites & Notes**

PREQ.: Admission to major

CO-REQ.: NSG 311 Credits: (2)

NSG 314 - Nursing Informatics

Introduction of the synergistic use of nursing knowledge, information and computer sciences unique to nursing informatics. Explores impact on practice and patient centered care. **Prerequisites & Notes**

PREQ.: Admission to major

CO-REQ.: NSG 311 Credits: (1)

NSG 315 - Nursing Ethics and Health Policy

Overview of professional issues and ethics in nursing and healthcare: exploration of health policies impacting nursing practice and healthcare. **Prerequisites & Notes**

PREQ.: Admission to the program

CO-REQ.: NSG 310 Credits: (2)

NSG 320 - Concepts of Adult Nursing

Introduction of the synergistic use of nursing knowledge, information and computer sciences unique to nursing informatics. Explores impact on practice and patient centered care. **Prerequisites & Notes** PREQ.: NSG 310, 311, 312, 313

CO-REQ.: NSG 321 Credits: (4)

NSG 321 - Adult Nursing Practicum

Continued practical application of nursing process with emphasis on nursing science applicable to individuals experiencing chronic alterations in health. **Prerequisites & Notes**

PREQ.: NSG 310, 311, 312 and 313

CO-REQ.: NSG 320 Credits: (4)

NSG 322 - Concepts of Geriatric Nursing

Overview of nursing science specific to care of the aging older adult with emphasis on complex physiologic, emotional and spiritual patient needs. **Prerequisites & Notes**

PREQ.: NSG 310 and 311

CO-REQ.: NSG 321 Credits: (2)

NSG 323 - Pharmacotherapeutics in Nursing II

Continued exploration of effects of chemicals used in the prevention, diagnosis and treatment of disease. Incorporation of patient teaching and application of pharmacotherapeutic knowledge. **Prerequisites & Notes**

PREQ.: NSG 313 Credits: (2)

NSG 324 - Evidence Based Nursing Practice

Introduction to the intellectual skills needed to identify, conduct, report and critique nursing research. **Prerequisites & Notes**

PREQ.: NSG 310, 311 and 314

CO-REQS.: NSG 320 and 321 Credits: (2)

NSG 327 - Essentials of Baccalaureate Nursing

Essential nursing concepts to prepare the baccalaureate nurse to practice within complex health care systems and assume the roles of provider of care, designer/manager/coordinator of care and member of the profession.

Prerequisites & Notes PREQ: Successful completion of 1st three years of RIBN program and NCLEX-RN. COREQ: NSG 302, 305, 322, and 384. Credits: (4)

NSG 340 - Basic Nursing Skills

Psychomotor nursing skills, scientific principles and nursing procedures essential to the assessment and care of patients. 2 Lecture, 3 Lab. Placement: Junior year, Fall semester. **Prerequisites & Notes** PREQ: Admission into the nursing major. Credits: (3)

NSG 341 - Nursing Pharmacotherapeutics I

Nursing responsibility for pharmacotherapeutic management with emphasis on study of prototype drugs in each of the major drug classifications. **Prerequisites & Notes** PREQ: Admission to the nursing sequence. Credits: (1)

NSG 342 - Nursing Pharmacotherapeutics II

Core drug knowledge and client variables are applied to nursing management of drug therapy. **Prerequisites & Notes** PREQ: 341. COREQ: 357 and 387. Credits: (2)

NSG 345 - International Missionary/Volunteer Nursing

A thorough examination of culture, nursing care, and missionary/volunteer work in a locale outside of the United States. Credits: (3)

NSG 346 - Pathophysiology for Nursing

A study of human physiological changes which are the cause or result of pathologic or disease processes. **Prerequisites & Notes** PREQ/COREQ: BIOL 291/BIOL 292; or Registration by permission of Instructor; Minimum grade of B (3.0) in NSG 101; Students may only repeat the courses once for a total of two attempts. Credits: (3)

NSG 350 - Dimensions of Professional Nursing

The development of the profession and of professional nurse roles. 1 Lecture, 1 Seminar. **Prerequisites & Notes** PREQ: Admission to nursing major. Credits: (2)

NSG 353 - Nursing Science I

Fundamental nursing processes and concepts; emphasis on health of clients across the lifespan. 4 Lecture, 1 Seminar. **Prerequisites & Notes** PREQ: Admission to the nursing sequence. COREQ: 383. Credits: (5)

NSG 357 - Nursing Science II

Concepts of health care, health promotion, illness care, and nursing roles in adult health acute care settings are presented. **Prerequisites & Notes** PREQ: 340, 341, 350, 353, 383. COREQ: 342, 387. Credits: (4)

NSG 360 - Health Care of Women

Review of women's health care, the functions of women's bodies, and personal responsibility for health. Credits: (2)

NSG 383 - Clinical Practicum I

Application of psychomotor skills, interpersonal and nursing processes to the care of individuals; emphasis on the nursing role in health maintenance. S/U grading. 12 Lab. **Prerequisites & Notes** PREQ: Junior standing. COREQ: 353. Credits: (4)

NSG 384 - Community Health Nursing II: Practicum

Application of wellness concepts and health promotion in the nursing care of families and other groups in community settings. S/U grading. 6 Lab. **Prerequisites & Notes** COREQ: 302, 305. Credits: (2)

NSG 387 - Clinical Practicum II

Application of concepts of health care, health promotion, illness care and nursing roles in adult health acute care settings. S/U grading. **Prerequisites & Notes** PREQ: 340, 341, 350, 353, 383. COREQ: 342, 357. Credits: (4)

NSG 389 - Cooperative Education in Nursing

See Cooperative Education Program. **Prerequisites & Notes** PREQ: 355. Credits: (1 or 3, R15)

NSG 393 - Topics in Nursing

Topics in Nursing **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1-4, R12)

NSG 398 - APA Writing Style and Format

Writing style and formatting as outlined in the *Publication Manual of the American Psychological Association*. S/U grading. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1)

NSG 399 - Clinical Update for RN's

Registered nurse students demonstrate or provide documentary evidence of satisfactory level of competence in basic professional nursing knowledge and skills. **Prerequisites & Notes** PREQ: 301, 398. Credits: (2)

NSG 405 - Gerontological Nursing

The aging process, health assessment, and promotion in the aged; identification of frequent alternations in health and appropriate nursing interventions. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1-3)

NSG 406 - Critical Care Nursing

Application of nursing process to the care of the critically ill patient. Combines web-based instruction and on-campus simulation lab experiences. **Prerequisites & Notes** COREQ: 468. Credits: (2)

NSG 410 - Concepts of Adult Nursing II

Continuation of nursing process with emphasis on nursing science applicable to adults experiencing acute alterations in health. **Prerequisites & Notes**

PREQ.: NSG 320 and 321

CO-REQ.: NSG 411 Credits: (4)

NSG 411 - Adult Nursing II Practicum

Continuation application of the nursing process with emphasis on nursing science applicable to individuals experiencing acute alteration in health. **Prerequisites & Notes**

PREQ.: NSG 310 and 311

CO-REQ.: NSG 410 Credits: (4)

NSG 412 - Concepts of Maternal/Child Nursing

This course is a continuation of the nursing process with emphasis on the nursing art and science applicable to the childbearing and childrearing family. **Prerequisites & Notes**

PREQ.: NSG 320 and 321

CO-REQ.: NSG 413 Credits: (3)

NSG 413 - Maternal/Child Nursing Practicum

Application of nursing process with emphasis on the nursing science of childbearing and childrearing concepts.

Prerequisites & Notes

PREQ.: NSG 320 and 321

CO-REQ.: NSG 412 Credits: (3)

NSG 414 - Advanced Technology & Pharmacotherapeutics

This course is designed to increase knowledge of and ability to apply advanced pharmacology and technology to nursing practice. **Prerequisites & Notes**
PREQ.: NSG 310, 311, 313 and 323

CO-REQS.: NSG 410 and 411 Credits: (2)

NSG 420 - Synthesis of Nursing Concepts

Synthesis of program outcomes for transition into nursing practice as a graduate nurse. **Prerequisites & Notes**
PREQ.: NSG 410, 411, 412, 413 and 414

CO-REQ.: NSG 421 Credits: (2)

NSG 421 - Synthesis of Nursing Practicum

Application of program outcomes for transition into professional practice as a graduate nurse. **Prerequisites & Notes**
PREQ.: NSG 410, 411, 412, 413 and 414
CO-REQ.: NSG 420 Credits: (3)

NSG 422 - Concepts of Community/Mental Health Nursing

Integration of concepts of community and mental health nursing. **Prerequisites & Notes**
PREQ.: NSG 410, 411, 412, 413 and 414

CO-REQ.: NSG 423 Credits: (4)

NSG 423 - Community/Mental Health Nursing Practicum

Application of the art and science of nursing specific to patients in community/mental health settings. **Prerequisites & Notes**
PREQ.: NSG 410, 411, 412, 413 and 414

CO-REQ.: NSG 422 Credits: (4)

NSG 424 - Concepts of Nursing Leadership in Management

Integrates concepts of nursing leadership and management. Overview of concepts and skills of dynamic and creative leadership and management for high quality patient centered nursing. **Prerequisites & Notes**
PREQ.: NSG 410, 411, 412, 413 and 414

CO-REQ.: NSG 421 Credits: (2)

NSG 433 - Patient Education

Practice of patient education, standards and guidelines for patient education, specific areas and settings for patient education. Credits: (3)

NSG 460 - Nursing Leadership I: Theory

Leadership theory in the management of clients, peers, and other healthcare providers in nursing service settings. **Prerequisites & Notes**
PREQ: 483, 484. Credits: (3)

NSG 461 - Basic Nursing Leadership and Management

Leadership theory in the management of clients, peers, and other healthcare providers in nursing service settings for the Pre-licensure nursing student. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (2)

NSG 466 - Nursing Science III

Application of the nursing process for complex client models, including the childbearing family, the child and family, and the mentally ill client. **Prerequisites & Notes** PREQ: 357, 387. COREQ: 486. Credits: (6)

NSG 468 - Nursing Science IV

Concepts of health care, health promotion, illness care, and nursing roles for clients with complex health care needs. **Prerequisites & Notes** PREQ: 357 and 387. COREQ: 488. Credits: (5)

NSG 470 - Nursing Research

Research design in the study of nursing problems; interpretation of research emphasized. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (2)

NSG 471 - Nursing Research I: Research Process

Research design in the study of nursing problems; research process emphasized. **Prerequisites & Notes** COREQ: 472, 473. Credits: (2)

NSG 472 - Nursing Research II: Critical Reading

Research design in the study of nursing problems; critical reading emphasized. **Prerequisites & Notes** PREQ: Permission of instructor. COREQ: 471, 473. Credits: (2)

NSG 473 - Nursing Research III: Clinical Application

Research design in the study of nursing problems; clinical application emphasized. **Prerequisites & Notes** PREQ: Permission of instructor. COREQ: 471, 472. Credits: (2)

NSG 476 - Advanced Concepts and Issues for Nursing Practice

Analysis of advanced concepts and issues as they relate to nursing practice in complex health care environments. Credits: (2)

NSG 478 - Intermediate Physical Assessment

Focus on developing assessment skills for conducting a health status examination on the adult client. **Prerequisites & Notes** PREQ: Registered nurse or senior nursing student. Credits: (4)

NSG 479 - Global Health Issues in Infancy Childhood

Examination of selected global health issues in children from infancy to adolescence. Credits: (2)

NSG 480 - Independent Study

S/U grading. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1-3, R6)

NSG 482 - Readings in Nursing

Readings in Nursing **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (3)

NSG 483 - Nursing Leadership II: Practicum

Application of management principles in the care of clients with complex health problems through the study of leadership. S/U grading. 6 Lab. **Prerequisites & Notes** COREQ: 460, 484. Credits: (2)

NSG 484 - Nursing Leadership III: Intervention Project

Nursing leadership and management assessment, planning, analysis, and intervention plan for selected site of student's choice. **Prerequisites & Notes** COREQ: 460, 483. Credits: (1)

NSG 486 - Clinical Practicum III

Application of nursing strategies to the care of the child-bearing family, the child and family, and the mentally ill client. S/U grading. 12 Lab. **Prerequisites & Notes** PREQ: 357, 387. COREQ: 466. Credits: (4)

NSG 488 - Clinical Practicum IV

Care of populations with complex health care needs, with focus on illness prevention and health promotion. **Prerequisites & Notes** PREQ: 357 and 387. COREQ: 468. Credits: (6)

NSG 501 - Advanced Practice Nursing: Roles and Professional Issues

Advanced Practice Nursing: Roles and Professional Issues Credits: (2)

NSG 510 - Theory for Advanced Practice Nursing

Theory for Advanced Practice Nursing Credits: (2)

NSG 511 - Research for Advanced Practice Nursing

Research for Advanced Practice Nursing Credits: (3)

NSG 516 - Economics and Organization of Health Care

Economics and Organization of Health Care Credits: (2)

NSG 517 - Pathophysiology for the Adv. Practice Nurse

Pathology at the cellular, tissue and system levels. **Prerequisites & Notes** Admission (full or provisional) to the Nurse Educator, Family Nurse Practitioner, Post Master's Certificate for FNP or MSN in Nursing Administration program or permission of instructor. Credits: (3)

NSG 602 - Advanced Diagnostics and Physical Assessment

Advanced Diagnostics and Physical Assessment Credits: (2)

NSG 603 - Advanced Physical Assessment and Clinical Diagnostics

Advanced Physical Assessment and Clinical Diagnostics Credits: (2)

NSG 630 - Advanced Physiology for Nurse Anesthetists

Advanced Physiology for Nurse Anesthetists Credits: (3)

NSG 631 - Pathophysiology for Nurse Anesthetists I

Pathophysiology for Nurse Anesthetists I Credits: (3)

NSG 632 - Pathophysiology for Nurse Anesthetists II

Pathophysiology for Nurse Anesthetists II Credits: (3)

NSG 640 - Basic Principles of Anesthesia

Basic Principles of Anesthesia Credits: (3)

NSG 641 - Advanced Principles of Anesthesia I

Advanced Principles of Anesthesia I Credits: (2)

NSG 642 - Advanced Principles of Anesthesia II

Advanced Principles of Anesthesia II Credits: (2)

NSG 643 - Advanced Principles of Anesthesia III

Advanced Principles of Anesthesia III Credits: (2)

NSG 644 - Health Care Systems Management in Nursing Administration

Health Care Systems Management in Nursing Administration Credits: (3)

NSG 645 - Cultural Competence in Nursing Administration

Cultural Competence in Nursing Administration Credits: (2)

NSG 646 - Communication and Leadership in Nursing Administration

Communication and Leadership in Nursing Administration Credits: (4)

NSG 647 - Outcomes Measurement in Nursing Administration

Outcomes Measurement in Nursing Administration Credits: (2)

NSG 648 - Nursing Administration in Healthcare Organizations

Nursing Administration in Healthcare Organizations Credits: (3)

NSG 649 - Financial Management in Nursing Administration

Financial Management in Nursing Administration Credits: (3)

NSG 650 - Legal and Health Policy Aspects of Nursing Administration

Legal and Health Policy Aspects of Nursing Administration Credits: (2)

NSG 653 - Test and Measurement

Test and Measurement Credits: (3)

NSG 654 - Nursing Informatics

Nursing Informatics Credits: (3)

NSG 655 - Ethics in Nursing Administration

Ethics in Nursing Administration Credits: (2)

NSG 656 - Management of Human Resources in Nursing

Management of Human Resources in Nursing Credits: (2)

NSG 661 - Anesthesia Pharmacology I

Anesthesia Pharmacology I Credits: (3)

NSG 662 - Anesthesia Pharmacology II

Anesthesia Pharmacology II Credits: (3)

NSG 672 - Nurse Anesthesia Review

Nurse Anesthesia Review Credits: (3)

NSG 688 - Clinical Anesthesia Practicum I

Clinical Anesthesia Practicum I Credits: (1-4, R11)

NSG 689 - Clinical Anesthesia Practicum II

Clinical Anesthesia Practicum II Credits: (1-4, R12)

NSG 783 - Practicum in Nursing Administration

Practicum in Nursing Administration Credits: (3)

Social Work

Office Info: G04 McKee Building/Main Campus (828) 227-7112 pmorse@email.wcu.edu

Department Website

Pat Morse, Department Head Faculty/Staff Directory (search by department) The social work program is accredited by the Council on Social Work Education, and its principal educational goal is to prepare students for beginning generalist social work practice.

Social Work

SOCW 151 - Introduction to Social Work

Social work as a profession; history; current practice settings; professional values and requirements. Credits: (3)

SOCW 251 - Social Issues, Policy and Programs

Overview of social welfare policies and programs; political, economic and social conditions affecting disadvantaged populations. Policy development and analysis, advocacy, historical perspectives. (P1) Credits: (3)

SOCW 253 - Interviewing Skills for Practice

Basic knowledge of the profession; emphasis on communication and interviewing skills and the generalist approach. **Prerequisites & Notes** PREQ: SOCW 151; and pre-social work or social work majors only. Credits: (3)

SOCW 304 - School Social Work

Practice in the school system: its content, history, and legal framework; special needs children; designs, delivery, and evaluation of services. **Prerequisites & Notes** PREQ: 151 or permission of instructor. Credits: (3)

SOCW 320 - Gender and Power in Social Work

Focus on institutional policies and beliefs related to gender, and how these may affect social work practice among various client systems. Credits: (3)

SOCW 327 - Social Work with Children and Families

Concepts and skills for intervention with families; emphasis on family strengths and community resources and some policies affecting families. **Prerequisites & Notes** PREQ: 151 or permission of instructor. Credits: (3)

SOCW 334 - Human Behavior and the Social Environment: Life Stages

Examination of human development across the life span; Focus on reciprocal relationships between and among individuals, families, groups, communities, societies and social systems. Credits: (3)

SOCW 335 - Social Work Research and Evaluation

Research methods used to enhance and evaluate social work practice knowledge. **Prerequisites & Notes** pre-social work or social work major Credits: (3)

SOCW 340 - Values and Ethics in Social Work Practice

Values and Ethics: Social work applications. Credits: (3)

SOCW 348 - Culture, Experience and Travel Abroad

This course is designed to assist students in the development of generalist social work skills, with an emphasis on different cultures around the world. Students will learn about differences in the social work systems used in the US and the country to be visited during that year. This course will be conducted as a seminar, and all students are expected to play an active role in their own learning through the use of class discussions, case studies, role plays, and other experiential exercises. Students are also required to attend the trip abroad, which will occur the summer after the Spring class. Credits: (3)

SOCW 354 - Human Behavior and the Social Environment: Person-In-Environment

Examination of interrelationships among social, cultural, and environmental factors that combine with biological and psychological components to affect human behavior and development. (P1) Credits: (3)

SOCW 362 - Direct Practice: Individuals, Families and Groups

Application of knowledge, values, and skills to social work practice: individuals, families, and groups. **Prerequisites & Notes** PREQ: 253, 335, and admission to the social work program. Credits: (3)

SOCW 364 - Community Practice

Application of knowledge, values, and skills to social work practice: organizations and communities; advocacy. **Prerequisites & Notes** PREQ: 253, 335, and admission to the social work program. Credits: (3)

SOCW 395 - Seminar in Social Work

Current trends and issues for practice; studies of social work agencies and programs; examination of social welfare policies and concerns. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1-3, R9)

SOCW 402 - Diversity in Contemporary Society

Focus on diversity of culture, ethnicity, ability, sexual orientation, and gender; emphasis on the consequences of marginalizing members of oppressed groups. (P1) Credits: (3)

SOCW 415 - Social Work and Mental Health

The mental health system, issues, history, common diagnoses, emphasis on the strengths perspective. **Prerequisites & Notes** PREQ: 151 or permission of instructor. Credits: (3)

SOCW 420 - Addictions

Overview of complex issues related to addictions, including drug, alcohol, gambling, and eating addictions; examines addiction within the context of developmental life stages and culture. **Prerequisites & Notes** PREQ: 151 or permission of instructor. Credits: (3)

SOCW 422 - Methods of Substance Abuse Treatment

Methods course that teaches knowledge and skills needed to work effectively in a variety of clinical settings specific to substance abuse. **Prerequisites & Notes** PREQ: 420. Credits: (3)

SOCW 424 - Cultural Competence in Substance Abuse Practice

Overview of unique problems and needs related to substance abuse treatment among diverse populations; application of culturally sensitive intervention strategies. **Prerequisites & Notes** PREQ: 420. Credits: (3)

SOCW 425 - Science of Addictions

Biological basis of addiction; physiological and psychological effects of substance abuse. **Prerequisites & Notes** PREQ: 420. Credits: (3)

SOCW 426 - Child Welfare

Child welfare services, public and private programs, children's rights, and issues affecting services for children and families. **Prerequisites & Notes** PREQ: 151 or permission of instructor. Credits: (3)

SOCW 427 - Trauma Informed Social Work with Children

This course will introduce students to the core concepts (general theory and foundational knowledge), informing evidence-based assessment and intervention for traumatized children and adolescents who are in the child welfare system. Trauma is broadly defined, and includes children and adolescents exposed to traumatic events including, abuse and neglect and witnessing interpersonal crime (e.g. domestic violence), community violence and other traumatic events who have come into contact with the child welfare system. The course will highlight the role of development, culture and empirical evidence in trauma-specific assessment, referral and interventions with children, adolescents and their families within a child welfare context. It will address the level of functioning of primary care giving environments and assess the capacity of the community and the child welfare system to facilitate restorative processes. Credits: (3)

SOCW 429 - Social Work with Older Adults

Concepts and skills for effective practice with the aging; needs and strengths of older people; community resources; professional approaches to intervention. Credits: (3)

SOCW 430 - Social Work in the Health Field

Concepts and skills for intervention in hospitals, out-patient clinics, and other health settings, and on some policies affecting health care. Credits: (3)

SOCW 445 - International Social Welfare

Current trends and social issues, problems and solutions in countries around the world. Credits: (3)

SOCW 481 - Independent Study

Independent Study **Prerequisites & Notes** PREQ: 253, 335, or permission of department head. Credits: (1-3, R6)

SOCW 486 - Field Practicum

Full-time supervised placement in selected human service agencies to integrate theory with practice and prepare for professional responsibility. **Prerequisites & Notes** PREQ: Permission of Director of Field Practicum. COREQ: 496. Credits: (12)

SOCW 494 - Topics in Social Work

Topics in Social Work Credits: (3, R12)

SOCW 496 - Field Practicum Seminar

Integration of content with field practice. **Prerequisites & Notes** PREQ: Permission of Director of Field Practicum. COREQ: 486. Credits: (3)

SOCW 686 - Advanced Field Practicum and Integrative Seminar I

Supervised practicum in a social service agency or organization to apply theory and practice knowledge at the advanced level.

S/U Grading **Prerequisites & Notes** Acceptance into the MSW program. Credits: 6

Spanish

SPAN 122 - Spanish for Social Workers

Students will develop basic language skills and communication strategies specifically designed to assist students pursuing careers in social work. Credits: (1)

Construction Management

Office Info: 211 Belk Building/Main Campus (828) 227-7368 cm@email.wcu.edu

Department Website

Michael Smith, Department Head Faculty/Staff Directory (search by department)

Construction Management

CM 121 - Introduction to Construction

A survey of the construction industry to include history, career opportunities, types of construction, differences in office and jobsite working conditions, expectations and vocabulary. Credits: (3)

CM 142 - Construction Graphics and Plan Reading

An introduction to construction graphics, sketching, 3D CADD systems and plan reading. 2 Lecture, 2 Lab.

Prerequisites & Notes PREQ or COREQ: MATH 146 or 152 or 153 and CM 121 or permission of instructor. Credits: (3)

CM 211 - Construction Methods and Materials I

Vertical construction emphasizing comprehensive analysis of materials, design and specifications, installation methods, testing and inspection, and appropriate construction methodology for application. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ or COREQ: Math 146 or 152 or 153 and CM 121 or permission of instructor. Credits: (3)

CM 212 - Construction Methods and Materials II

Advanced studies on Horizontal Construction Materials, testing procedures, material properties, design, specification, and installation methods using certification standards and guidelines. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: 211, MATH 146 or 152 or permission of instructor. Credits: (3)

CM 222 - Construction Surveying Layout

Development of the surveying skills necessary on a construction jobsite with emphasis placed on operation of instruments and accuracy of field notes. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: MATH 146 or 152 or 153 and CM 121 or permission of instructor. Credits: (3)

CM 231 - Construction Documents and Codes

Introduction to CSI specifications, construction documentation terminology, building codes, and the documentation process of construction projects. **Prerequisites & Notes** PREQ OR COREQ: 121 or permission of instructor. Credits: (3)

CM 232 - Construction Statics and Strength of Materials

Study of forces and the effect of forces acting on static bodies, including the stresses and deflections or deformations from applied loads. **Prerequisites & Notes** PREQ: MATH 146 or 152 or 153; PHYS 130 and construction management major or permission of instructor. Credits: 3

CM 242 - Estimating I

Introduction to the classification of work from the plans and specifications, application of basic quantity surveying principles, and the use of estimating software. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: 211, MATH 146 or 152 or 153 or permission of instructor. Credits: (3)

CM 332 - Construction Site Planning and Equipment

A study of the construction worksite and preparation of a site utilization plan to include typical construction equipment and its selection and jobsite safety. **Prerequisites & Notes** PREQ: 211 and 212 or permission of instructor. Credits: (3)

CM 342 - Estimating II and Bidding

Pricing of materials, labor, equipment, overhead costs, and profit margins will be calculated to produce an estimate. A practice bid scenario will also be introduced. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: 242, MATH 170. Credits: (3)

CM 362 - Construction Planning and Scheduling

A course using construction scheduling software with plans and specifications will be used in planning a construction project from start to finish. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: 342 or permission of instructor. Credits: (3)

CM 365 - Construction & Culture

The purpose of this course is to broaden the student's awareness of the significance of construction globally. (P6) Credits: (3)

CM 375 - Mechanical and Electrical Construction

An introduction to the basics of mechanical, electrical, plumbing and fire protection systems (MEP) in construction. This includes installation of systems and resources necessary. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: 211 or permission of instructor. Credits: (3)

CM 389 - Cooperative Education in Construction

See Cooperative Education program. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1 or 3, R15)

CM 390 - Environmental Issues in Construction

Comprehensive overview of environmental impact of common construction processes; and, environmental/occupational hazards and liability associated with those processes. 3 Lecture, 1 Lab. (Lecture 3 credits, Lab 1 credit) (Lab is required) Credits: (4)

CM 393 - Topics in Construction Management

Topics in Construction Management **Prerequisites & Notes** PREQ: Construction Management major or permission of instructor. Credits: (1-3, R9)

CM 401 - Construction Temporary Structures

Introductory course covering temporary structural supports, formwork, and concrete. Areas of concentration include steel, timber, concrete and masonry. **Prerequisites & Notes** PREQ: 232 or permission of instructor. Credits: (3)

CM 402 - Construction Financial Management

Financial management of construction companies, using analysis of financial statements, budgeting cash flow and cost code reporting. **Prerequisites & Notes** PREQ: ACCT 251 and with Junior standing or permission of instructor. Credits: (3)

CM 421 - Construction Human Factors and Safety

An overview of the social dynamics within a construction company between management and labor, architect and contractor, and safety issues in construction. **Prerequisites & Notes** PREQ: CM 242 and Junior standing or permission of instructor. Credits: (3)

CM 424 - Facilities Management

Introduction to management and maintenance of residential, commercial, and industrial building systems. Systems for heating, cooling, electrical, communications, water, waste water, protective coatings, and roofing. **Prerequisites & Notes** PREQ: CM 375 and junior standing or permission of instructor. Credits: (3)

CM 430 - Construction Legal Aspects

An overview of standard construction contracts traditionally used between contractors, owners, design professionals and subcontractors from a general contractors point of view. **Prerequisites & Notes** PREQ: 342, LAW 230 or permission of instructor. Credits: (3)

CM 431 - Construction Project Management

The study of construction procedures and administration process using the latest construction management software to explain typical project management functions and documentation. **Prerequisites & Notes** PREQ: 342 or permission of instructor. Credits: (3)

CM 452 - Construction Capstone Project

Simulation of a general contracting construction company obtaining work through the estimating, bidding, scheduling, cash flow projections process using plans and specifications. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: 362, 431 and construction management major with senior standing or permission of instructor. Credits: (3)

CM 461 - Land Development I

This course introduces and develops the student's knowledge of land development feasibility and site analysis, conceptual design, planning, environment regulations and construction Credits: (5)

CM 462 - Land Development II

This course introduces and develops the understanding of construction and land development project financing. The course will focus on analytical techniques and the development process. Credits: (5)

CM 463 - Land Development III

This course introduces land planning and subdivision regulations, contract administration, and budgetary controls for land development. Credits: (6)

CM 480 - Independent Study

Independent Study **Prerequisites & Notes** PREQ: Construction management major and permission of instructor. Credits: (1-3, R6)

CM 483 - Applied and Engaged Internship in Construction

A supervised, integrated, applied and engaged summer work experience of 400 hours in the construction industry as approved in advance. S/U grading. **Prerequisites & Notes** PREQ: Construction management major and permission of program director. Four hundred hours of work experience. Credits: (2)

CM 496 - Professional Development Seminar

Course focuses on job search issues, job offers and counter offers, evaluating job offers, resume preparation, interview skills, and introduces community service as a life long activity. S/U grading. **Prerequisites & Notes** Construction Management major with senior standing or permission of instructor. Credits: (1)

CM 655 - Advanced Topics in Construction

This course studies issues related to representation, processing, and communication of information in humans and software. **Prerequisites & Notes** PREQ: 654 and admission to the M.C.M. program. Credits: 6

CM 659 - Advanced Legal Aspects in Construction

Advanced Legal Aspects in Construction **Prerequisites & Notes** PREQ: 654 and admission to the M.C.M. program. Credits: 6

Engineering and Technology

Office Info: 220 Belk Building/Main Campus (828) 227-7368 etdept@email.wcu.edu

Department Website

Electrical and Computer Engineering Technology

ECET 211 - Electronic Drafting and Fabrication

Electronic drafting and graphics; design, assembly and fabrication of electronic circuits and equipment. 2 Lecture, 2 Lab. Credits: (3)

ECET 221 - Digital Integrated Circuits Laboratory

Introduction to digital laboratory equipment and techniques; logic design and implementation process; discrete and complex digital components. **Prerequisites & Notes** COREQ: EE 221. Credits: (1)

ECET 231 - Circuit Analysis I

Circuit Analysis I **Prerequisites & Notes** PREQ.: MATH 146 (May be taken concurrently) Credits: (4)

ECET 242 - Electronic Circuits

Study of analog electronic circuits including amplifiers, regulators, and special applications. Both discrete semiconductor devices and integrated circuits are covered. (2 Lecture, 2 Lab, 2 Recitation). **Prerequisites & Notes** PREQ: ECET 231 with a grade of C or better.. Credits: (4)

ECET 290 - Computer Engineering Fundamentals

An introductory course in the engineering study of microcomputers. Operating systems, bus architecture, memory structure, motherboard chip sets, and input/output boards will be studied. 2 Lecture, 2 Lab. Credits: (3)

ECET 301 - Electrical Systems

Direct current and alternating current electricity. Topics include Ohm's Law, series, parallel and series-parallel circuits, transformers and measurement techniques. Not open to ECET majors. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: MATH 145 or 146 Credits: (3)

ECET 302 - Instrumentation and Controls

Control system components and applications, control diagram, solid-state components, industrial motors and controls, programmable controllers. Not open to ECET majors. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: 301 or permission of instructor. Credits: (3)

ECET 321 - Circuit Analysis II

Fundamentals of DC/AC circuits. Topics include AC series, parallel, series-parallel circuits; analysis techniques; network theorems; resonance, and transformers. 2 Lecture, 2 Lab, 2 Recitation. **Prerequisites & Notes** PREQ: ECET 231 with a grade of C or better.. Credits: (4)

ECET 331 - Digital Integrated Circuits

Study of combinational and sequential digital circuits using integrated circuit techniques. 2 Lecture, 2 Lab, 2 Recitation. **Prerequisites & Notes** Credits: (4)

ECET 332 - Microcontrollers

Study of contemporary 8-bit microcontrollers. Microcontroller architecture, programming, and interfacing. 3 Lecture, 2 Lab. **Prerequisites & Notes**

PREQ: ECET 331; CS 140 or EE 200; 321 with a grade of C or better; MATH 153 with a grade of C or better. Credits: (4)

ECET 341 - Advanced Circuit Analysis

Study of linear systems; introduction to digital signal processing. **Prerequisites & Notes**

PREQ: ECET 321 with a grade of C or better; MATH 153 with a grade of C or better; MATH 255 (May be taken concurrently)

Credits: (3)

ECET 431 - Microprocessor Interfacing

Study of microprocessor fundamentals including architecture, instruction sets, and programming. Interfacing 8086 microprocessor based equipment to external hardware. 3 Lecture, 2 Lab. **Prerequisites & Notes**

PREQ: ECET 332 Credits: (4)

ECET 452 - Control Systems

Fundamental principles of control theory and instrumentation with particular applications in manufacturing processes. 3 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: 341. Credits: (4)

ECET 461 - Digital Signal Processing

An introduction to discrete and digital systems using transforms. The architecture and assembly language of DSP processors will be used in various applications. Lecture, 2 Lab. **Prerequisites & Notes**

PREQ: ECET 341; MATH 255 with a grade of C or better Credits: (3)

ECET 464 - Instrumentation

Data acquisition using virtual instruments. Sensors, transducers, and signal conditioning used in the measurement of physical parameters. 3 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: 332. Credits: (4)

ECET 478 - Senior Design Project Proposal

Research methodology, literature review, and industrial writing styles, culminating in a written report proposal for a senior project. S/U grading. **Prerequisites & Notes** PREQ: Senior standing and permission of instructor. Credits: (1)

ECET 479 - Senior Design Project

Organizing, planning, and implementing a project using acceptable industrial techniques culminating in a formal written report and oral presentation. 1 Lecture, 4 Lab. **Prerequisites & Notes**

PREQ.: ECET 478 or ET 461 (Either may be taken concurrently) Credits: (3)

ECET 493 - Special Topics

Special Topics **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1-3, R6)

Electrical Engineering

EE 424 - Digital Signal Processing

Sampling and signal recovery in linear systems; analysis of sampled systems; discrete and fast Fourier transforms; z-transform; discrete convolution; design of digital FIR and HR filters. **Prerequisites & Notes** PREQ: 351 , with a C or better. Credits: (3)

EE 425 - Foundations of Optical Engineering

Modern optics, optical communications, optical materials, optical devices, optical fiber and integrated optics, optical signals, optical networks, basic Fourier optics, and methods in signal processing. Required minimum grade for major is C. **Prerequisites & Notes** PREQ: 322 with a grade of C or better; PHYS 322. Credits: (3)

EE 427 - Foundations of Optical Imaging

Design principles and analysis methods of optical imaging systems including advanced geometrical optics approach, diffraction integral approach, and plane wave spectrum approach. **Prerequisites & Notes** PREQ: 322 with a grade of C or better. Credits: (3)

EE 436 - Optical Fiber Communications

Optical waveguides, attenuation and dispersion, single and multi mode fiber properties and measurements, sources and detectors, transmitter and receiver design, modulation and multiplexing, system design. **Prerequisites & Notes** PREQ: 425 and PHYS 322, with a C or better. Credits: (3)

EE 465 - Foundations of Laser Electronics

Laser oscillation, excitation, amplification, dispersion, absorption, basic principles of quantum electronics, general characteristics of laser, semiconductor lasers, switching and modulation, CW lasers, pulse lasers, applications. **Prerequisites & Notes** PREQ: 322 with a grade of C or better; PHYS 310. Credits: (3)

Engineering

ENGR 190 - Technology Systems

An introductory engineering course for non-majors. Starting with natural curiosity, the interrelationships between engineering, physics, and mathematics are investigated in everyday objects. Credits: (3)

ENGR 199 - Introduction to Engineering Practices and Principles I

An introduction to the electrical engineering discipline. Group work, oral communication, problem solving and design process will be introduced through lecture and project-based learning activities. Freshman Engineering majors only. 2 Lecture, 2 Lab. Required minimum grade for major is C. Credits: (3)

ENGR 200 - Engineering Practices and Principles II

Engineering practices and principles, teaming, project planning, written communications, and conceptual design processes will be introduced through lecture and project-based learning activities. 2 lecture, 2 lab. **Prerequisites & Notes** PREQ: ENGR 199 with a grade of C or better. Credits: (3)

ENGR 300 - Professional Development

Viewing engineering as a career through participation in activities such as attendance of professional society meetings, participation in student organizations, attendance at visiting lectures, seminars, etc. S/U grading. **Prerequisites & Notes** PREQ: Junior standing in EE. Credits: (1)

ENGR 350 - Engineering Practices and Principles III

Engineering project-based learning (open-ended) with emphasis on project control and engineering design processes. Special emphasis will be placed on professional, ethical, global, environmental, and contemporary issues. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: ENGR 200 with a "C" or better. Credits: (3)

ENGR 389 - Cooperative Education

See Cooperative Education program. Credits: (3, R9)

ENGR 400 - Engineering Capstone I

Senior engineering project selection, planning, and development. Emphasis will be placed on defining project requirements, developing project work breakdown structure, conceptual designs, and working prototypes. 1 Lecture, 4 Lab. **Prerequisites & Notes** PREQ: 350, with a "C" or better. Credits: (3)

ENGR 450 - Engineering Capstone II

Senior engineering project design, development, fabrication, and testing. Emphasis will be placed on iterative design processes, project management and execution, fabrication and testing. 1 Lecture, 4 Lab. **Prerequisites & Notes** PREQ: 400, with a "C" or better. Credits: (3)

Engineering Technology

ET 101 - Introduction to Computer Graphics and Animation

Fundamentals of computer graphics and animation; two, three and four dimensional computer graphics; engineered product layout and marketing; image and object types. 2 Lecture, 2 Lab. Credits: (3)

ET 132 - Engineering Graphics

Engineering design graphics, spatial visualization, orthographic projection, dimensioning, tolerances, and basic 3D constraint-based modeling. Credits: (3) Contact Hours: (4)

ET 141 - Engineering Materials and Processes

Fundamentals of industrial materials, their mechanical, physical, and chemical nature as related to manufacturing processes. 2 Lecture, 2 Lab. Credits: (3)

ET 151 - Computer Graphics for Documentation and Layout

An introduction to reverse engineering as applied to systems; geometric dimensioning and tolerances, codes and symbols; two-dimensional projects related to engineered systems documentation and layout. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: ET 132. Credits: (3)

ET 231 - 3-D Computer Modeling

Exposure to 3D constraint-based solid computer modeling, design intent, feature relations, and role in product development cycles. **Prerequisites & Notes** PREQ: ET 132. Credits: (3) Contact Hours: (4)

ET 232 - Engineering Statics

Study of forces and the effect of forces acting on static bodies. 3 Lecture. **Prerequisites & Notes** PREQ: MATH 145 or 146; PHYS 130. Credits: (3)

ET 310 - Advanced 3D Computer Modeling and Rapid Prototyping

Intermediate to advanced constraint-based parametric computer modeling applied to mechanical/ industrial design components and mechanisms. **Prerequisites & Notes** PREQ: ET 231. Credits: (3) Contact Hours: (4)

ET 331 - Quality Systems

Techniques for monitoring and assuring quality. **Prerequisites & Notes** PREQ: MATH 170 Credits: (3) Contact Hours: (3)

ET 332 - Strength of Materials

A study of the relations between externally applied loads and elastic stresses and strains for various types of materials **Prerequisites & Notes** PREQ: 232, MATH 140 or 153. COREQ: 333
Credits: (3)

ET 333 - Strength of Materials Laboratory

A laboratory exploration of the relations between externally loads and elastic stresses and strains for various types of materials. **Prerequisites & Notes** COREQ: 332

ET 342 - Lean Manufacturing Systems Analysis and Planning

Analysis of manufacturing system efficiency using lean concepts of value stream mapping, single piece flow, keizen events, value added analysis, pull systems and production control. **Prerequisites & Notes**
PREQ.: ET 141; MATH 170 Credits: 3

ET 351 - Engineering Analysis

Emphasis on real world application of engineering derivatives, integrations, rates of change, limits, functions, trigonometric functions, and problem solving methodology. Utilization of Microsoft Excel and Matlab. **Prerequisites & Notes** PREQ: MATH 140 or 153, MATH 170, PHYS 130, and ET 232. Credits: (3)

ET 352 - Fundamentals of Thermal Engineering and Applied Thermodynamics

This course will cover the fundamentals of thermal engineering including the Carnot cycle, refrigeration cycles, basic principles of heat transfer including radiation, conduction, forced and natural convection. **Prerequisites & Notes**
PREQ: MATH 140 or 153 CHEM 139, PHYS 130, & ET 141. Credits: (3)

ET 366 - Manufacturing Materials and Processes

Study of the nature, composition, and structure of various materials used in manufacturing. Materials include ferrous and nonferrous metals, polymer, ceramics, wood, and fibers. Credits: (3)

ET 420 - Advanced Engineering Materials

Properties of common metals, polymers, ceramics, and composites; material science; effective materials selection; processing of materials; and manipulation of materials in an applied engineering context. **Prerequisites & Notes** PREQ: ET 141, ET 332, and CHEM 139, Credits: (3)

ET 425 - Metrology and Reverse Engineering

Dimensional metrology, coordinate measuring machine, GD&T, engineering drawing interpretation, and fundamental technologies that enable the various forms of rapid prototyping. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: ET 141, 231, 232, 331 and 351 Credits: (3)

ET 436 - Engineering Economic Analysis

The study of economics as applied to engineering decision making. **Prerequisites & Notes** PREQ: MATH 140 or 153; Engineering Technology student junior standing. Credits: (3)

ET 461 - Engineering Project Management

Engineering project management is a technique for accomplishing specialized missions or work when normal organizational structure or methods are not sufficient. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: Engineering Technology major and junior standing. Credits: (3)

ET 470 - AIDC for the Enterprise

A study of methods and systems used to automate data collection and the identification of physical objects. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: ECET 301 or permission of instructor. Credits: (3)

ET 472 - Integrated Control Systems

Electronic sensing, logic, and control functions applied to automated systems. 2 Lecture, 2 Lab. **Prerequisites & Notes** PREQ: ECET 301 or 341; ET 351 or ECET 332 Credits: (3)

ET 478 - Integrated Systems Project

Organizing, planning, and implementing a project using acceptable industrial techniques culminating in a formal written report and oral presentation. 1 Lecture, 4 Lab. **Prerequisites & Notes** 461 or permission of instructor. Credits: (3)

ET 480 - Independent Study

Independent study in industrial, technical, or vocational education; project required. **Prerequisites & Notes** PREQ: Permission of adviser and instructor. Credits: (1-3, R6)

ET 493 - Special Topics

Special Topics **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1-3, R6)

ET 495 - Engineering Technology Seminar

Trends, issues, and selected topics pertinent to current operations and practices. **Prerequisites & Notes** PREQ: Engineering technology major and senior standing. Seminar. Credits: (1-3, R6)

ET 575 - Systems Integration and Management

Systems Integration and Management Credits: (3)

Industrial Distribution

ID 230 - Industrial Distribution

The flow of industrial goods and services through the industrial distributor. Credits: (3)

ID 360 - Industrial Distribution Organization

Survey of organizational structure in manufacturing industries. Credits: (3)

ID 370 - Product Management and Inventory Control

The study of the many aspects of industrial distribution product management. Topics to be covered may include computer systems and their uses, purchasing, and warehouse management. **Prerequisites & Notes** PREQ: 230 or permission of instructor. Credits: (3)

ID 389 - Cooperative Education in Industrial Distribution

See Cooperative Education Program. Credits: (1 or 3, R15)

ID 440 - Information Management and Technology in Industrial Distribution

Using information technology to provide distributors a strategic advantage over their competitors by facilitating problem solving, increasing productivity and quality, improving customer service, and enabling change. Credits: (3)

ID 479 - Industrial Distribution Seminar

Covers through research, lecture and field trips, electronic data interchange; just-in-time distribution; distribution finance; bar coding; take-offs and quotes from catalogs and specifications; other innovative concepts. **Prerequisites & Notes** PREQ: 230, 360 or permission of instructor. Credits: (3)

ID 480 - Problems in Industrial Distribution

Independent study of problems in industrial distribution; project required. **Prerequisites & Notes** PREQ: Industrial distribution major and permission of instructor. Credits: (1-3)

ID 493 - Special Topics

Special Topics **Prerequisites & Notes** PREQ: Industrial distribution major and permission of instructor. Credits: (1-3, R6)

Telecommunications Engineering Technology

TEL 346 - Wide Area Networks

Study of transmission equipment, switching technologies, interconnection, and protocols associated with the telecommunications industry. 3 Lecture, 2 Lab/week. **Prerequisites & Notes** PREQ: 345. Credits: (4)

TEL 444 - Wireless Systems

Application of communication theory, digital signal processing, and digital modulation to wireless systems. 3 Lecture, 2 Lab/week. **Prerequisites & Notes** PREQ: 312 or equivalent. Credits: (4)

TEL 445 - Network Planning and Design I

An engineering approach to establishing telecommunications networks locally and globally. Communications network simulation is introduced and used to design networks. 2 Lecture, 2 Lab/week. **Prerequisites & Notes** PREQ: 346. Credits: (3)

TEL 446 - Telecommunications Management

A study of the technical and management issues associated with the administration of complex, highly integrated networks. A variety of hardware and software tools will be discussed. 2 Lecture, 2 Lab/week. **Prerequisites & Notes** PREQ: 346. Credits: (3)

TEL 480 - Problems in Telecommunications

Independent study in telecommunications engineering technology: project required. **Prerequisites & Notes** PREQ: Permission of adviser and instructor. Credits: (1-3, R6)

TEL 493 - Special Topics

Current topics in telecommunications. **Prerequisites & Notes** PREQ: Permission of instructor. Credits: (1-3, R6)

Academic Affairs

University Studies-Interdisciplinary

USI 101 - Honors Forum

Interdisciplinary introduction to the academic milieu scholarly controversy, the ferment of ideas, study, and research. Credits: (1)

USI 103 - Humanities Colloquium I: Humanities in the Region

Multi-disciplinary study of the varied peoples, key cultural events, and cultural movements who helped shape southern Appalachian mountain life. Seminar. Credits: (1)

USI 130 - The University Experience

Introduction to the university and to higher education. Discussion of issues involved in the transition from high school to college. Emphasis on academic and career planning and personal development. Credits: (1)

USI 203 - Humanities Colloquium II: The Humanities in the Nation

Multi-disciplinary study of the varied peoples, key cultural events, and cultural movements who helped shape the nation. Seminar. Credits: (1)

USI 303 - Humanities Colloquium III: The Humanities for World Cultures

Multi-disciplinary study of the varied peoples, key cultural events, and cultural movements who helped shape the world. Seminar. Credits: (1)

USI 393 - Topics in International Studies I

Interdisciplinary introduction to the civilization and culture of a particular country or region and its relationship with the United States. Credits: (3, R6)

USI 394 - Topics in Cherokee Studies

Selected individual or interdisciplinary aspects of Cherokee culture and society offered by various departments. Credits: (3, R9)

USI 395 - Topics in International Studies II

Interdisciplinary study of the civilization, environment, and culture of a country or region and its relationships with the United States and the world community. Credits: (1-3, R4)

USI 396 - Honors Colloquium

Interdisciplinary discussion of a topic of special concern selected in consultation with honors students. **Prerequisites & Notes** PREQ: Junior standing, 3.0 GPA. Credits: (3, R6)

USI 497 - Honors Seminar

Interdisciplinary seminar featuring student research directed toward a topic selected in consultation with honors students. **Prerequisites & Notes** PREQ: Junior standing with 3.0 GPA. Credits: (3, R6)

Other Courses

UE 101 - University Experience

Introduction to an online learning environment. Emphasis on student services, skills for success and community building. Credits: (0)

The Register

History of The University of North Carolina

In North Carolina, all the public educational institutions that grant baccalaureate degrees are part of The University of North Carolina. Western Carolina University is one of the sixteen constituent institutions of the multi-campus state university.

The University of North Carolina, chartered by the North Carolina General Assembly in 1789, was the first public university in the United States to open its doors and the only one to graduate students in the eighteenth century. The first class was admitted in Chapel Hill in 1795. For the next 136 years, the only campus of The University of North Carolina was at Chapel Hill.

In 1877, the North Carolina General Assembly began sponsoring additional institutions of higher education, diverse in origin and purpose. Five were historically black institutions, and another was founded to educate Native Americans. Several were created to prepare teachers for the public schools. Others had a technological emphasis. One is a training school for performing artists.

In 1931, the North Carolina General Assembly redefined The University of North Carolina to include three state-supported institutions: the campus at Chapel Hill (now the University of North Carolina at Chapel Hill), North Carolina State College (now North Carolina State University at Raleigh), and Woman's College (now the University of North Carolina at Greensboro). The new multi-campus university operated with one board of trustees and one president. By 1969, three additional campuses had joined the university through legislative action: the University of North Carolina at Charlotte, the University of North Carolina at Asheville, and the University of North Carolina at Wilmington.

In 1971, the North Carolina General Assembly passed legislation bringing into the University of North Carolina the state's ten remaining public senior institutions, each of which had until then been legally separate: Appalachian State University, East Carolina University, Elizabeth City State University, Fayetteville State University, North Carolina Agricultural and Technical State University, North Carolina Central University, the North Carolina School of the Arts, Pembroke State University, Western Carolina University, and Winston-Salem State University. This action created the current sixteen-campus university. In 1985, the North Carolina School of Science and Mathematics, a residential high school for gifted students, was declared an affiliated school of the university; and in 1996, Pembroke State University was renamed The University of North Carolina at Pembroke through legislative action.

The UNC Board of Governors is the policy-making body legally charged with the general determination, control, supervision, management, and governance of all affairs of the constituent institutions. It elects the president, who administers the university. The thirtytwo voting members of the Board of Governors are elected by the North Carolina General Assembly for four-year terms. Former board chairmen and board members who are former governors of North Carolina may continue to serve for limited periods as non-voting members *emeriti*. The president of the UNC Association of Student Governments, or that student's designee, is also a non-voting member.

Each of the sixteen constituent institutions is headed by a chancellor, who is chosen by the Board of Governors on the president's nomination and is responsible to the president. Each institution has a board of trustees, consisting of eight members elected by the Board of Governors, four appointed by the governor, and the president of the student body, who serves *ex officio*. The North Carolina School of the Arts has two additional *ex officio* members. Each board of trustees holds extensive powers over academic and other operations of its institution on delegation from the Board of Governors.

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Western Carolina University

Western Carolina University was founded in August 1889 as a semi-public school. Chartered as Cullowhee High School in 1891, it served the Cullowhee community and boarding students from neighboring counties and other states.

For Professor Robert Lee Madison, the institution's founder, the aim of the school was teacher training. In 1893, with the first state appropriation of \$1,500, a normal department was established. In 1905, the institution became Cullowhee Normal and Industrial School, a title it held for twenty years.

Beginning about 1912, the status of the school was gradually raised to that of a two-year normal school or junior college. With state support increasing and work at the secondary level discontinued, the name of the school was changed in 1925 to Cullowhee State Normal School.

In 1929, under a new charter authorizing the school to extend its work to the four-year level, the name Western Carolina Teachers College was adopted. Modifications in function and rapid growth climaxed in 1951 with the addition of the postgraduate year to the curriculum, and the granting of the Master of Arts in Education degree was authorized. Demands in the liberal arts, and for programs in other areas of learning, led to an expansion of its offerings and to a further change, in 1953, to the name Western Carolina College.

In 1967, the institution was designated a regional university by the North Carolina General Assembly and the name of the institution was changed to Western Carolina University.

In 1971, the state legislature reorganized higher education in North Carolina, and on July 1, 1972, Western Carolina University became a constituent institution of The University of North Carolina.

In 1996, Western Carolina University was approved by the University of North Carolina-General Administration and the Southern Association of Colleges and Schools to offer the Doctoral degree in education.

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Jadwin Bignon, M.S.	<i>Assistant Strength and Conditioning Coordinator</i>
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Alan Charles Beck, M.A. Ed	<i>Assistant Baseball Coach</i>
Karen Middleton, B.A.	<i>Head Women's Basketball Coach</i>
Treka McMillin, M.A.	<i>Assistant Women's Basketball Coach</i>
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Arketa Banks, B.S.	<i>Wide Receivers Assistant Football Coach</i>
Andrew Dean Follett, M.S.Ed.	<i>Offensive Administrator/Quarterback Assistant Football Coach</i>
Jeremiah Ross	<i>Offensive Line/Assistant Football Coach</i>
Mark Rhae, B.S.	<i>Recruiting Coordinator/Defensive Line Assistant Football Coach</i>
Daniel Gibson, M.S.	<i>Director of Football Operations</i>
Michael Ty Davis, M.S.Ed.	<i>Video Coordinator</i>
Mallory Hetzel, B.A.	<i>Women's Golf Coach</i>
Carter Cheves, B.A.	<i>Head Men's Golf Coach</i>
Chad Miller, B.S.	<i>Head Soccer Coach</i>
Todd Herman, B.A.	<i>Assistant Soccer Coach</i>
James Clift, M.S.	<i>Head Softball Coach</i>
Chris Wollett	<i>Head Women's Tennis Coach</i>
Danny Williamson, M.A.Ed.	<i>Head Men's and Women's Cross Country/Track Coach</i>
Karen Glover, B.A.	<i>Head Volleyball Coach</i>
John Brannon, M.A.	<i>Assistant Volleyball Coach</i>

Office of Public Relations

William J. Studenc Jr., M.P.A.	<i>Senior Director of News Services</i>
Rubae Schoen	<i>Director, Creative Services; Brand Manager</i>

Office of Development

James Miller, M.B.A.	<i>Associate Vice Chancellor</i>
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Herb Bailey, M.Div *Director of Gift Planning*
Greg Bauguess, M.P.A. *Director of Development*
Gorham Bradley, B.S. *Director, Athletic Development and Catamount Club*
Natalie Clark, B.A. *Director of Annual Giving*
Meg White, B.S. *Director of Development*

Office of Advancement and External Affairs

Clifton B. Metcalf, B.A. *Vice Chancellor*
Zeta Smith, B.F.A. *Assistant to the VC and Coordinator, Special Events*
Lila Buchanan, B.S. *Administrative Officer*
Lynn Ammons, B.S.B.A. *Director, Advancement Research*
Martin A. Ramsey, B.S.B.A. *Director, Alumni Affairs*

Office of the Provost

Angela L Brenton, Ph.D. *Provost and Senior Vice Chancellor*
Mark Lord, Ph.D. *Interim Associate Provost*
Carol Burton, Ph.D. *Assistant Vice Chancellor for Undergraduate Studies*
Melissa Canady Wargo, Ph.D. *Assistant Vice Chancellor for Planning and Effectiveness*

Academic Officers

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Linda Comer, Ph.D. *Interim Associate Dean, College Health and Human Sciences*
Richard D. Starnes, Ph.D. *Interim Dean, College of Arts and Sciences*
David J. Butcher, Ph.D. *Associate Dean, College of Arts and Sciences*
Darrell F. Parker, Ph.D. *Dean, College of Business*
Debra Burke, Ed.D. *Associate Dean, College of Business*
Kenneth Flynt, M.Econ. *Associate Dean, College of Business*

Regis Gilman, Ed.D. *Interim Dean, Educational Outreach*

Dale Carpenter, Ed.D. *Interim Dean, College of Education and Allied Professions*

Kim Ruebel, Ph.D. *Associate Dean, College of Education and Allied Professions*

Robert Kehrberg, D.A. *Dean, College of Fine and Performing Arts*

John West, Ph.D. *Associate Dean, College of Fine and Performing Arts*

Brian E. Railsback, Ph.D. *Dean, Honors College*

Steve Carlisle, Ph.D. *Associate Dean, Honors College*

Lois Mwaniki, Ph.D. *Director, International Programs and Services*

Mimi Fenton, Ph.D. *Interim Dean, Graduate School and Reseach Administration*

Dana Sally, Ph.D. *Dean, Library Services*

James Zhang, Ph.D. *Interim Dean, Kimmel School of Construction Management and Technology*

Academic Development

Mark Lord, Ph.D. *Interim Associate Provost*

Carol Burton, Ph.D. *Assistant Vice Chancellor for Undergraduate Studies*

Laura Cruz, Ph.D. *Director, Myron L. Coulter Faculty Center for Excellence in Teaching and Learning*

Jennifer Cooper, M.A. *Director, Service Learning*

Office of Enrollment Management

Margaret Sill Ashe, CAS *Director, Career Services and Cooperative Education*

Philip Cauley, M.S. *Director, Student Recruitment and Transitions*

Chris Parrish, M.A.Ed. *Senior Associate Director, Undergraduate Admissions*

Trina Orr, M.B.A. *Director, Financial Aid*

Larry Hammer, M.S. *University Registrar*

Suzanne Baker, M.A.Ed. *Director, Student Support Services*

Tammy G. Haskett, B.S.B.A. *Director, Orientation Programs*

David Goss, M.F.A. *Director, Academic Advising Center*

Lance Travis Alexis, Ed.D. *Director, Disability Services*

Mike Razdrh, M.A. *Associate Director, OneStop Student Service Center*

Office of Planning and Effectiveness

Melissa Canady Wargo, Ph.D. *Assistant Vice Chancellor for Planning and Effectiveness*

Kay Turpin, M.S. *Business & Technology Applications Programmer*

David Onder, M.S. *Assessment Coordinator*

Alison Josph, B.S. *Business & Technology Applications Analyst*

Elizabeth Snyder, B.S. *Social Science Research Specialist*

Billy Hutchings, B.S. *Social Science Research Assistant*

Program Administration

Chesney Reich *Director, Writing and Learning Commons*

Burton B. Fox, Ed.D. *Director, Caribbean and Latin American Programs*

Patricia L. Miller, M.A.Ed. *Director, WCU Programs in Asheville*

Roseanna S. Belt, Ed.M. *Director, Cherokee Center*

Division of Administration and Finance

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Bobby Justice, M.B.A. *Acting Associate Vice Chancellor*

Joseph H. Walker III, B.S. *Associate Vice Chancellor for Facilities Management*

Pamela D. DeGraffenreid, B.S.B.A. *Manager, Book Store*

Jeff Bewsey, M.B.A. *Director, Auxiliary Services*

Ernie Hudson *Director, University Police*

Arthur Stephens, M.B.A. *Director, Purchasing*

Kathy S. Wong, B.A. *Director, Human Resources*
Mike Doppke, B.S. (ARAMARK) *Director, Dining Services*
William D. Clarke, Jr., M.A.Ed. *Director, Ramsey Regional Activity Center*
David Steinbicker, B.S. J.D. *Acting University Controller*

Office of Regional Affairs

Thomas E. McClure, J.D. *Director*

Mountain Heritage Center

Scott Philyaw, Ph.D. *Director*
Pam Meister, M.F.A. *Curator*
Peter G. Koch, M.A. *Museum Educator*
vacant. *Curatorial Specialist*
vacant *Project Coordinator for digitalheritage.org*
Sona Norton, B.S. *Office Manager*
Trina Royar, B.S. *Mountain Heritage Day Festival Coordinator*

Student Affairs Office

Sam Miller, Ph.D. *Vice Chancellor*
Kellie Monteith, M.E. *Assistant Vice Chancellor, Student Affairs*
Jane M. Adams-Dunford, M.B.S. *Assistant Vice Chancellor, Student Affairs*
Keith L. Corzine, B.S.B.A. *Director, Residential Living*
Jeff Hughes, M.P.A. *Director, University Center*
Phil Cauley, M.S. *Director, Student Recruitment and Transitions*
Mark Anderson, B.A. *Staff Coordinator, Undergraduate Admissions*
Pamela Buchanan, M.B.A. *Director, University Health Center*
John R. Ritchie, Ph.D. *Director, Counseling Center*

James Felton, M.S.

Director, Intercultural Affairs

Angie Frederick, M.S.

Director, Campus Recreation Center

Tammy Haskett, B.S.B.A.

Director, New Student Orientation

Todd Murdock, M.A.Ed.

Director, Talent Search

Walter Turner, M.Ed.

Director, Student Judicial Affairs

vacant

Director, Kneedler Child Development Center

Shawna Young, M.A.

Director Outreach and Assessment