



WESTERN CAROLINA UNIVERSITY

One of sixteen campuses of the University of North Carolina, Western Carolina University is located deep in the scenic Appalachian Mountains of North Carolina. Situated about 50 miles southwest of Asheville, NC and just 150 miles northeast of Atlanta, WCU is populated by around 10,000 students with enrollment on the rise. With the Blue Ridge Parkway, the Great Smoky Mountains National Park and some of the South's finest resort areas just around the corner, opportunities for outdoor recreation abound. Kayaking, hiking, tubing and simply taking in the scenery are just a few of our students' hobbies.

FOR MORE INFORMATION

Dr. Carmen Huffman
Graduate Program Coordinator
Department of Chemistry & Physics
Western Carolina University
Cullowhee, NC 28723
Phone: (828) 227-3682
Fax: (828) 227-7393

E-mail: chuffman@wcu.edu
chemistryandphysics.wcu.edu | grad.wcu.edu



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MASTER OF SCIENCE IN CHEMISTRY



WHAT STUDENTS ARE SAYING

The biggest selling point at Western Carolina is the student-teacher interaction. The faculty are always there to help their students.

– Jesse Walsh

Western Carolina is great. You are able to meet so many people, even though you would not expect that from a small school.

– Megan Arrington

Western is progressing and growing, but the professors really care about you. Having small class sizes allows students and faculty to interact. It allows you to grow as a person.

– Erin Hinson

**Western
Carolina**
UNIVERSITY

Graduate School
and Research

OPPORTUNITIES AROUND

A Master of Science degree in chemistry is a highly marketable degree that prepares you for a career as an industrial chemist, further study in professional schools or doctoral programs, or advancement in your current employment.

WHY WCU?

Close, student-teacher interactions at all stages of the program are what make earning an M.S. from WCU so rewarding! A variety of programs are offered to suit your needs. Research opportunities envelop all the main disciplines of chemistry (analytical, biochemistry, inorganic, organic and physical) with research groups specializing in applications including materials science, environmental studies and forensics.

DEGREE PROGRAMS

Traditional Program

- 3 courses from the core areas of chemistry
- 3 elective courses
- 3 seminar courses
- Research/Thesis

Environmental Program

- 3 environmental chemistry courses
- 3 elective courses
- 3 seminar courses
- Research/Thesis

Professional Science Program

- 5 courses with a biotechnology focus
- 3 business courses
- Internship



My professors went out of their way to know me personally and help me succeed, and with their guidance and support, I was able to graduate and find a job in my field with ease.
– Kristin Cooke

OUR FACILITIES

Research in our program is supported by a suite of state-of-the-art instrumentation including FTIR, NMR, GC-MS, UV-Vis, AA and ICP-OES spectrometers as well as chromatographs, a particle size analyzer, and a DNA sequencer. Our program utilizes high performance computers with molecular dynamics software, such as AMBER, and quantum mechanical packages, including NWChem, Spartan, and Gaussian.

TO APPLY

You will need...

- 3 letters of recommendation
- Transcript(s) from any undergraduate institutions you attended
- Scores from the general test of the GRE
- TOEFL scores from citizens of other countries whose degree is not from a U.S. institution

Visit grad.wcu.edu for more information.

OUR RESEARCH FACULTY

Cynthia A. Atterholt, Ph.D., environmental chemistry
David J. Butcher, Ph.D., analytical chemistry
Channa R. De Silva, Ph.D., inorganic chemistry
Brian Dinkelmeyer, Ph.D., organic chemistry
David Evanoff, Ph.D., analytical chemistry
Carmen Huffman, Ph.D., physical chemistry
Scott Huffman, Ph.D., analytical chemistry
William R. Kwochka, Ph.D., organic chemistry
Brittany Lott, Ph.D., biophysical chemistry
Arthur L. Salido, Ph.D., analytical chemistry
Jack S. Summers, Ph.D., inorganic chemistry
Jamie R. Wallen, Ph.D., biochemistry

PROGRAM COORDINATOR:
Dr. Carmen Huffman | chuffman@wcu.edu

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