



Major: Integrated Health Sciences  
 Concentration: Pre-Professional  
 Year: 2019-20

Student Name:
I.D. #
Date:
Advisor:

Core Requirements

Course No.	Course Title	Credit	Semester	Grade
COMM 301	Interpersonal Communication	3		
ECON 354	Health Economics	3		
ENVH 200	Introduction to Public Health	3		
ENVH 470	Principles of Epidemiology	4		
HPE 350	Current Health Problems (spring and summer)	3		
HSCC 311	Systems and Trends in Health Care Delivery (fall only)	3		
HSCC 322	Medical Terminology	3		
HSCC 330	Legal and Legislative Aspects of Health Care (spring only)	3		
HSCC 475	Integrated Health Science Senior Capstone	3		
MATH 170	Applied Statistics	3		
ND 330	Human Nutritional Needs	3		
PAR 332	Biomedical Ethics and Social Justice	3		
PSY 150	General Psychology	3		
SOC 456	Medical Sociology (every third semester)	3		
SOCW 354	Human Behavior & the Social Environment: Person-In-Environment	3		

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Liberal Studies Courses

Liberal studies program consists of 42 credit hours. Some courses may meet both liberal studies and major requirements, however, this does not prevent a student from taking other liberal studies courses of their choice.

Requirements	Course No.	Course Title	Credit	Semester	Grade
FYS (First Year Seminar)			3		
C1 (Writing)	ENGL 101	Writing and Rhetoric	3		
C1 (Writing)	ENGL 202	Writing and Critical Inquiry	3		
C2 (Math)	MATH 170	Applied Statistics	0/above		
C3 (Oral Communication)	COMM 201	Foundations Communication	3		
C4 (Wellness)			3		
C5 (Physical & Biological Sciences)	BIOL 291	Human Anatomy & Physiology I	0/above		
C5 (Physical & Biological Sciences)		Concentration course other than Biology	0/above		
P1 (Social Sciences)	SOCW 354	Human Behavior & the Social Environment: Person-In-Environment	0/above		
P1 (Social Sciences)	PSY 150	General Psychology	0/above		
P3 (History)			3		
P4 (Humanities)	PAR 332	Biomedical Ethics & Social Justice	0/above		
P5 (Fine & Performing Arts)			3		
P6 (World Cultures)			3		

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### Pre-Professional Concentration Courses

The Pre-professional concentration is 24 credit hours. **Bolded** items are required. The remaining 16 credit hours will depend on the career direction. Students should consider prerequisites needed for the graduate or professional school. Prerequisite requirements for professional schools vary by institution, therefore it is imperative that students research admission requirements for their particular schools of choice.

For many professional programs, the following courses are X = REQUIRED, S = SUGGESTED for admission.

	Course	CH	MD/ DO	PA	PT	OT	AT	Pharm	Other	TERM	GRADE
<b>BIOL 291</b>	<b>Human Anatomy &amp; Physiology I</b>	4	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>		
<b>BIOL 292</b>	<b>Human Anatomy &amp; Physiology II</b>	4	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>		
BIOL 140	Principles of Biology I	4	<b>X</b>	<b>X</b>	<b>X</b>		<b>S</b>	<b>X</b>			
BIOL 141	Principles of Biology II (PREQ: BIOL 140)	4	<b>X</b>		<b>X</b>						
BIOL 240	Introduction to Genetics (PREQ: BIOL 140 or 141)	4	<b>S</b>	<b>X</b>							
BIO 313	Microbiology in Health & Nutrition	4		<b>X</b>				<b>X</b>			
BIOL 333	Cell and Molecular Biology (PREQ: BIOL 240)	4									
BIOL 361	Principles of Biochemistry (PREQ: CHEM 242)	3									
BIOL 412	Cellular and Molecular Immunology (PREQ: BIOL 240 or 333)	3									
CHEM 139	General Chemistry I	4	<b>X</b>	<b>X</b>	<b>X</b>		<b>X</b>	<b>X</b>			
CHEM 140	General Chemistry II (PREQ: CHEM 139)	4	<b>X</b>	<b>X</b>	<b>X</b>			<b>X</b>			
CHEM 241	Organic Chemistry I (PREQ: CHEM 140)	4	<b>X</b>					<b>X</b>			
CHEM 242	Organic Chemistry II (PREQ: CHEM 241)	4	<b>X</b>					<b>X</b>			
HPE 223	Applied Kinesiology I – Anatomy, Physiology, and Biomechanics	4			<b>S</b>		<b>X</b>				
HPE 225	Applied Kinesiology II (PREQ: HPE 223)	4			<b>S</b>						
HPE 235	Motor Behavior	3									
MATH 153	Calculus I (PREQ: MATH 146)	4						<b>X</b>			
PHYS 130	Introductory Physics I	4	<b>X</b>		<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>			
PHYS 131	Introductory Physics II (PREQ: PHYS 130)	4	<b>X</b>		<b>X</b>		<b>S</b>	<b>X</b>			
ENVH 230	Introduction to Environmental Health Science	3									
ENVH 260	Etiology of Infectious Disease (PREQ: CHEM 133)	2									
ENVH 261	Etiology of Infectious Disease Lab (COREQ: ENVH 260)	1									
ENVH 270	Biological Basis of Disease (spring only)	3									
PSY 320	Developmental Psychology I: Childhood	3	<b>S</b>	<b>S</b>		<b>X</b>					
PSY 322	Developmental Psychology II: Adolescence (PREQ: PSY 150)	3	<b>S</b>	<b>S</b>		<b>X</b>					
PSY 325	Developmental Psychology III: Adulthood	3	<b>S</b>	<b>S</b>		<b>X</b>					
PSY 470	Abnormal Psychology (PREQ: PSY 150)	3	<b>S</b>	<b>X</b>		<b>X</b>					

Elective Courses

Elective credit hours provide an opportunity for students to further prepare for a professional setting and/or desired interest. The Pre-Professional concentration has 26 credit hours of elective courses. Students are encouraged to discuss elective course selection with their advisor.

Course No.	Course Title	Credit	Semester	Grade

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Other Requirements:

Maintain a Cumulative GPA of 2.25.

Earn a C or higher in all courses within the major.

Drug testing and background checks may be required for internships.

Complete the *IHS Graduate Program Requirements form*.

Other Notes: