

Integrated Health Sciences, B.S.

Pre-Professional Concentration

120hrs

Department of Integrated & Environmental Health Sciences

Catalog Year 2026-2027

Freshman	Fall	Hrs	Milestones
	ENGL 101: Writing & Rhetoric (C1)	3	Research potential programs for pre-professional interest
	PSY 150: General Psychology (P1)	3	
	HEAL 111, HEAL 123 or HSCC 101 (C4)	3	Complete PSY 150 with 'C' or higher
	P3/P5/P6	3	
	Concentration Elective	3-4	Complete Concentration Elective with 'C' or higher
	Total	15-16	
Tip: Meet with your Academic Advisor before your registration date so you can register on time. Join the IHS Pre-Professional student organization. Visit ENGAGE.WCU.EDU to join.			

Spring	Hrs	Milestones
First-Year Seminar	3	Create a top 5 list of potential programs
P3/P5/P6	3	
C5 (other than Biology)*	3-4	Identify shadowing or observation opportunities
P3/P5/P6	3	
Concentration Elective	3-4	Complete Concentration Elective with 'C' or higher
Total	15-17	
Tips: Connect with your advisor to discuss pre-requisites/admission criteria for your professional program of interest.		
*If you took a science besides BIOL for a concentration elective, you have already satisfied this part of the C5 requirement.		
Consult with your advisor on an appropriate elective instead.		

Sophomore	Fall	Hrs	Milestones
	ENGL 202: Writing & Critical Inquiry (C1)	3	Begin shadowing or observations
	MATH 170: Applied Statistics (C2)	3	
	BIOL 291: Human Anatomy & Physiology I (C5)	4	Complete all major courses with 'C' or higher
	Concentration Elective	3-4	
	PSC 101 or HIST 131 (FAD)	3	
	Total	16-17	
Tips: Develop custom 8-semester plan based on pre-requisites required for admission into pre-professional program.			

Spring	Hrs	Milestones
HSCC 322: Medical Terminology	3	Begin preparing for entrance exam (MCAT, GRE, etc.) if needed
COMM 201: Foundations of Communication (C3)	3	
BIOL 292: Human Anatomy & Physiology II	4	Continue shadowing/observations
ENVH 200: Intro to Public Health (P1)	3	
Concentration Elective	3-4	Complete all major courses with 'C' or higher
Total	16-17	
Tip: If your graduate program of interest requires an exam, you'll find resources with Tutoring Services or with this link: wcu.edu/learn/academic-services/advising-center/preprofessional-advising/index.aspx		

Junior	Fall	Hrs	Milestones
	COMM 325: Health Communication	3	Schedule to take entrance exam
	HSCC 311: Systems & Trends in Health Care Delivery	3	
	ND 330: Human Nutritional Needs	3	Continue shadowing/observations
	Concentration Elective	3-4	
	Elective	3	
	Total	15-16	Complete all major courses with 'C' or higher
Tips: Based on admission requirements, identify most appropriate people to provide a recommendation/reference. Those you ask should know you well and be able to speak to your strengths. Consult with advisor when choosing an elective. As a pre-professional student (Pre-Med, Pre-PA, etc.), this elective space should be used to meet pre-requisites for your program of interest.			

Spring	Hrs	Milestones
HPE 350: Current Trends in Health	3	Complete entrance exam with needed score
HSCC 330: Legal & Legislative Aspects of Health Care	3	
SOCW 354: Human Behavior & Social Environment (ULP P1)	3	Continue shadowing or observations if needed
Concentration Elective	3-4	
Elective	3	Complete all major courses with 'C' or higher
Total	15-16	
Tips: Make a note of application deadlines and prepare to submit materials required for admission. Consult with advisor when choosing an elective. As a pre-professional student (Pre-Med, Pre-PA, etc.), this elective space should be used to meet pre-requisites for your program of interest.		

Senior	Fall	Hrs	Milestones
	ECON 354: Health Economics	3	Apply for Graduation
	SOC 456: Medical Sociology	3	
	Elective	3-4	Complete all major courses with 'C' or higher
	Elective	3-4	
	Elective	3	
	Total	15-17	
Tip: Consult with advisor when choosing an elective. As a pre-professional student (Pre-Med, Pre-PA, etc.), this elective space should be used to meet pre-requisites for your program of interest.			

Spring	Hrs	Milestones
HSCC 475: Senior Capstone	3	Graduate!
HSCC 472: Principles of Epidemiology	3	
PAR 332: Biomedical Ethics: Healthcare & Social Justice (ULP P4)	3	Complete all major courses with 'C' or higher
Elective	3	
Elective	3	
Total	15	
Tip: Consult with advisor when choosing an elective. As a pre-professional student (Pre-Med, Pre-PA, etc.), this elective space should be used to meet pre-requisites for your program of interest.		

Grade of 'C' or higher is required for all courses in the major.

Note: One course from P1-P6 must be an upper level.

All students must satisfy the Foundations of American Democracy requirement in Liberal Studies. Students may take HIST 131 or PSC 101.

Last revised 07.15.2026

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C1. Writing	Hrs
ENGL 101	3
ENGL 202	3
C2. Mathematics	Hrs
MATH 170 (Major Core Requirement)	3
C3. Oral Communication	Hrs
COMM 201	3
C4. Wellness	Hrs
HEAL 123, HSCC 101, or HEAL 111	3
C5. Physical & Biological Sciences (two courses from two different disciplines)	Hrs
Concentration requires BIOL 291. For other C5 requirement, choose different discipline. (Consider concentration courses.)	
BIOL 291 (Concentration Requirement)	4
AST 102, AST 103, AST 104, CHEM 101, ENVH 130, ESI 140, GEOL 103, GEOL 140, GEOL 141, GEOL 145, GEOL 151, GEOL 250, NRM 140, PHYS 105	3-4
First-Year Seminar	Hrs
FYS 190	3
P1. Social Sciences (two courses from two different disciplines)	Hrs
PSY 150 (Major Core Requirement)	3
ENVH 200 (Major Core Requirement)	3
P3. History	Hrs
HIST 107, HIST 132, HIST 210, HIST 211, HIST 212, HIST 213, HIST 218, HIST 220, HIST 221, HIST 222, HIST 233, HIST 234, HIST 235, HIST 236, HIST 237, HIST 238, HIST 239, HIST 240, HIST 250, HIST 271, HIST 281, HIST 303, HIST 308, HIST 311, HIST 315, HIST 317, HIST 330, HIST 335, HIST 337, HIST 341, HIST 351, MATH 301	3
P4. Humanities	Hrs
PAR 332 (Major Core Requirement)	3
P5. Fine & Performing Arts	Hrs
ART 104, DA 259, FPA 101, FTP 340, IDES 250, MUS 101, MUS 102, MUS 103, MUS 300, MUS 302, MUS 304, THEA 104	3
P6. World Cultures	Hrs
ANTH 120, BA 304, CHER 101, CHIN 101, CHIN 102, CHIN 231, CM 365, COMM 415, EDCI 305, ENGL 363, ENGL 366, ENGR 365, ENVH 210, FREN 101, FREN 102, FREN 301, GEOG 103, GEOG 140, GEOG 440, GER 101, GER 102, GER 140, HSCC 205, HSCC 420, HT 238, JPN 101, JPN 102, JPN 140, LATX 220, MKT 407, MUS 303, ND 310, PAR 145, PAR 251, PAR 260, PAR 323, PAR 353, PAR 354, PAR 356, PAR 357, PAR 367, PRM 322, PSC 169, SM 350, SOC 260, SPAN 101, SPAN 102, SPAN 140, SPAN 301	3
Foundations of American Democracy	
All students must satisfy the Foundations of American Democracy requirement. Students may take PSC 101 or HIST 131.	
Upper-Level Perspective	
One upper-level course is required in any perspective category (P1-P6) outside the discipline (prefix) of the student's major. This requirement will be met with PAR 332 or SOCW 354, classes required for your major.	

Undergraduate Catalog
Additional info located in the catalog at: catalog.wcu.edu

Catalog Year 2026-2027

Other Major Core Requirements	Hrs
COMM 325	3
ECON 354	3
HPE 350	3
HSCC 311	3
HSCC 322	3
HSCC 330	3
HSCC 472	3
HSCC 475	3
ND 330	3
SOC 456	3
SOCW 354	3
Pre-Professional Concentration	Hrs
BIOL 292	4
Choose 16 hours from the list below. Students should consider pre-requisites needed for the graduate or professional school which vary by institution . Consult with advisor for assistance.	
ATTR 300, ATTR 377, BIOL 150, BIOL 151, BIOL 240, BIOL 313, BIOL 333, BIOL 361, BIOL 412, CHEM 139, CHEM 140, CHEM 241, CHEM 242, HPE 223, HPE 225, HPE 235, HPE 370, MATH 153, PHYS 130, PHYS 131, ENVH 230, ENVH 260/261, ENVH 270, PSY 319, PSY 320, PSY 322, PSY 325, PSY 470	3-4

Electives	Hrs
Students are free to select electives of their choosing to fulfill the 120 credit hours for the degree; however, as a pre-professional student, electives should be used to meet graduate program admission requirements.	/

Program Criteria
This is an entry-level program. Students are able to enter the program upon admission to WCU. Students must maintain an overall GPA of 2.25 and receive a grade of no less than a 'C' for all courses in the major.
Pre-Professional GPA
While the major requires a minimum 2.25 GPA, pre-professional students should maintain a significantly higher GPA to remain competitive for their graduate/professional program(s) of interest.
Advisement & Resources
IHS.WCU.EDU Program Director: Dr. Beth Woodard woodard@wcu.edu or 828-227-2660 Student Services Center, SSC.WCU.EDU Kimberlee Yontz: kyontz@wcu.edu or 828-227-3516 Jennifer Germain: jgermain@wcu.edu or 828-227-2917
Additional Pre-Professional Support
www.wcu.edu/learn/academic-services/advising-center/preprofessional-advising/index.aspx Elizabeth Davis: davise@wcu.edu or 828-227-7753 / Honors : Emily Sharpe: easharpe@wcu.edu or 828-227-3277