

B.S. in Environmental Health - Electives. All 300 and 400 level ENV H courses count toward this requirement. 15 credits required. (STUDENTS ADMITTED PRIOR TO AUTUMN 2023 TAKE 21 CREDITS)

Course Number	Course Title	Credits	Quarter Offered	GEN ED
American Indian Studies				
<u>AIS 308 / ENVIR 308 / HSTAA 308</u>	American Indians and the Environment	5	W	I&S, DIV
<u>AIS 311 / HSTAA 311</u>	The Indigenous History and Environment of the Salish Sea	5	Sp	I&S, DIV
Anthropology				
<i>Note: some courses are restricted to ANTH majors only during registration period I. Many ANTH courses are offered every other year. If you are interested in registering for an ANTH course, we encourage you to reach out to the ANTH advisers at anthinfo@uw.edu.</i>				
<u>ANTH 302</u>	Body & Soul: Intro to Medical Anthropology & Global Health as Social Justice Praxis	5	W	I&S, DIV
<u>ANTH 308</u>	The Anthropology Of Gender, Women's Health, And Reproduction	5		I&S, DIV
<u>ANTH 311</u>	The Cultural Politics of Diet and Nutrition	5	W	I&S
<u>ANTH 316 / JSIS A 316</u>	Modern South Asia	5		
<u>ANTH 324 / ANTH 524</u>	Current Issues in Mendical Anthropology and Global Health	2		I&S
<u>ANTH 361</u>	Anthropology of Food	5	SP	I&S
<u>ANTH 373</u>	Labor, Identity and Knowledge in Healthcare	5	W	I&S
<u>ANTH 374</u>	Narrative, Literature, and Medical Anthropology	5	SP	I&S
<u>ANTH 375</u>	Comparative Systems of Healing	3		I&S
<u>ANTH 376</u>	Anthropology of Disability	5	A	I&S, DIV
<u>ANTH 377</u>	Anthropology and International Health	5	W	W, I&S
<u>ANTH 472</u>	Case Studies in Medical Anthropology and Global Health	5	SP	I&S
<u>ANTH 474</u>	Social Difference and Medical Knowledge	5		I&S
<u>ANTH 475 / HSERV 475</u>	Perspectives in Medical Anthropology	5		I&S
<u>ANTH 476</u>	Culture, Medicine, and the Body	5		I&S
<u>ANTH 477</u>	Medicine in America: Conflicts and Contradictions	3	SP	I&S
<u>ANTH 479</u>	Advanced Topics in Medical Anthropology	3-5	W, SP	
<u>ANTH 483</u>	Africa Living with HIV/AIDS	5		I&S
<u>ANTH 487 / AES 487</u>	Cultures and Politics of Environmental Justice	5		I&S/DIV
<u>ANTH 490</u>	Healthcare and Aging	5	W	I&S
Biochemistry				
<u>BIOC 405</u>	Introduction to Biochemistry	3	A, W	NW
<u>BIOC 406</u>	Introduction to Biochemistry	3	W, SP	NW
<u>BIOC 440</u>	Biochemistry	4	A	NW
<u>BIOC 441</u>	Biochemistry	4	W	NW
<u>BIOC 442</u>	Biochemistry	4	SP	NW
Biological Anthropology				
<u>BIO A 355 / BIOL 385</u>	Evolutionary Medicine	3	A	NW
<u>BIO A 387</u>	Ecological Perspectives on Environmental Stress, Adaptation, and Health	5		NW
<u>BIO A 420</u>	Anthropological Research on Health Disparities	5	SP	I&S
<u>BIO A 423</u>	Social Networks and Health: Biocultural Perspectives	5		I&S
<u>BIO A 465 / NUTR 465</u>	Nutritional Anthropology	3		I&S/NW
Biology				
<i>Note: courses are restricted to BIOL majors only during registration period I.</i>				
<u>BIOL 315</u>	Biological Impacts of Climate Change	3	A	NW
<u>BIOL 355</u>	Foundations in Molecular Cell Biology	3	A, W, SP, S	NW
<u>BIOL 405</u>	Cellular and Molecular Biology of Human Disease	3		NW
<u>BIOL 447</u>	The Greening of the Earth: Influence of Plants on the Evolution of Terrestrial Ecosystems	5	A	NW
Biostatistics				
<u>BIOST 302 / PHG 302</u>	Forensic Genetics	3	W	I&S/NW, QSR
<u>BIOST 311</u>	Regression Methods in the Health Sciences	4	SP	QSR
Chemistry				
<u>CHEM 241</u>	Organic Chemistry Laboratory	3	A, W, Sp, S	NW
<u>CHEM 242</u>	Organic Chemistry Laboratory	3	A, W, Sp, S	NW
<u>CHEM 321</u>	Quantitative Analysis	5	A, W, Sp, S	NW
<u>CHEM 410</u>	Radiochemistry Laboratory	2		NW
<u>CHEM 426</u>	Instrumental Analysis	3	W	NW
<u>CHEM 429</u>	Chemical Separation Techniques	3	A	NW

CHEM 452	Physical Chemistry for Biochemists I	3	A, W, S	NS
CHEM 453	Physical Chemistry for Biochemists II	3	W, Sp	NW
CHEM 455	Physical Chemistry	3	A, SP	NW
CHEM 456	Physical Chemistry	3	W, S	NW
CHEM 457	Physical Chemistry	3	SP	NW

Environmental Health (ENV H) - All 300 and 400 level ENV H courses count toward the 15 credit elective requirement

English				
ENGL 364	Literature and Medicine	5		I&S, VLPA
ENGL 365	Literature and Discourse on the Environment	5	Sp	VLPA
Epidemiology				
EPI 360	Exploring the HIV/AIDS Pandemic	5	W	I&S/NW, QSR
Environmental Sciences & Resource Management				
ESRM 250	Introduction to Geographic Information Systems in Forest Resources	5	A, W, SP	
ESRM 311	Soils and Land Use	3	A	
ESRM 320	Marketing and Management from a Sustainability Perspective	5	A, S	I&S/NW
ESRM 321	Finance and Accounting from a Sustainability Perspective	5	W, S	I&S/NW
ESRM 371 / ENVIR 379 / SOC 379	Environmental Sociology	5	A	
ESRM 400	Natural Resource Conflict Management	3	W	I&S/NW
ESRM 431 / ENVIR 431 / PSYCH 431	Ecopsychology	5	W	I&S
ESRM 470	Natural Resource Policy and Planning	5	A	
Environmental Studies - Program on the Environment				
ENVIR 308 / AIS 308 / HSTAA 308	American Indians and the Environment	5	W	I&S, DIV
ENVIR 415 / CEE 495 / M E 415	Sustainability and Design for Environment	3		
ENVIR 416 / PHIL 416	Ethics and Climate Change	5		I&S
ENVIR 417 / PHIL 417	Advanced Topics in Environmental Philosophy	5		I&S
ENVIR 418 / COM 418	Communications and the Environment	5	A	I&S
ENVIR 431 / ESRM 431 / PSYCH 431	Ecopsychology	5	W	I&S
ENVIR 476 / SMEA 476	Introduction to Environmental Law and Process	3	A	I&S
Earth and Space Sciences				
https://www.ess.washington.edu/education/courses/planner.php				
ESS 315 / ENVIR 313	Environmental Earth Science	5	W	NW
ESS 433	Environmental Change in the Glacial Ages	5	SP	NW
Aquatic and Fishery Sciences				
FISH 404	Diseases of Aquatic Animals	5	Sp (even years)	NW
FISH 406	Parasite Ecology			
FISH 455 / ESRM 457	Fish and Wildlife Toxicology	3,5	W	NW
Genome Sciences				
GENOME 361	Fundamentals of Genetics and Genomics	3	A, W, Sp, S	NW
GENOME 371	Introductory Genetics	5	A	NW
GENOME 372	Genomics and Proteomics	5	A	NW
Geography				
<i>400 level courses are restricted to GEOG majors during registration period I.</i>				
GEOG 360	Principles of GIS Mapping	5	A, Sp, S	I&S, QSR
GEOG 362	GIS Presentation, Analysis, and Problem-Solving	3		
GEOG 370	Environmental Conservation: Geographic Perspectives	5		I&S
GEOG 380	Geographical Patterns of Health and Disease	5	W	
GEOG 381	Maps and Health	5		I&S
GEOG 461	Urban Geographic Information Systems	5	W	I&S
GEOG 462	Coastal Geographic Information Systems	5		I&S, QSR
GEOG 464	GIS and Decision Support	5	A	I&S
GEOG 465	GIS Database and Programming	5	A	I&S
GEOG 467 / LSJ 467	Law, Justice, and the Environment	5		I&S
GEOG 469	Geographic Information Systems Workshop	5	Sp	
GEOG 480	Environmental Geography, Climate, and Health	5	W	I&S
GEOG 482	GIS Data Management	5	A	I&S

Global Health				
<u>G H 306</u>	Introduction to Collaborative Approaches & Respectful Partnerships in GH	5	A	I&S
<u>G H 307</u>	Introduction to Implementation Science for Global Health	5	A	I&S
<u>G H 345 / ECON 345</u>	Global Health Economics	5	A	I&S
<u>G H 406</u>	International Climate Negotiations within the United Nations Framework Convention on Climate Change	1	A	I&S
<u>G H 410</u>	Advanced Biologic Principles of Global Diseases	3	W	NW
<u>G H 415 / HSERV 415</u>	War and Health	4	Sp	I&S
<u>G H 446</u>	Global Perspectives on Reproductive Health	3	Sp	I&S,DIV
<u>G H 456</u>	Global Mental Health	3	Sp	I&S,DIV
<u>G H 458</u>	Global Violence and Health	3	W	I&S,DIV
<u>G H 482 / HSERV 482</u>	The Health of Populations	4		I&S,DIV
Health Services				
<u>HSERV 343</u>	Health Behavior and Health Promotion	5	A	
<u>HSERV 344</u>	Public Health and Health Systems Management	5	W	
<u>HSERV 345</u>	Community Health Assessment	5	Sp	
<u>HSERV 346 / ECON 346</u>	Using Economics to Solve Today's Healthcare Problems	4	A	I&S
<u>HSERV 415 / G H 419</u>	War & Health	4	Sp	I&S
<u>HSERV 475 / ANTH 475</u>	Perspectives in Medical Anthropology	5		I&S
<u>HSERV 476</u>	Introduction to Applied to Ethnographic Methods in Public Health	4		
<u>HSERV 479</u>	Black Lives and Police Violence: Racism and the Public's Health	4	Sp	I&S,DIV
<u>HSERV 482 / G H 482</u>	The Health of Populations	4		I&S,DIV
<u>HSERV 490</u>	Advanced Topics	1-6	W	I&S
Mathematics				
<u>MATH 125</u>	Calculus with Analytic Geometry II	5	A, W, Sp, S	NW
<u>MATH 126</u>	Calculus with Analytic Geometry III	5	A, W, Sp, S	NW
Microbiology				
<u>MICROM 410</u>	Fundamentals of General Microbiology I	3	A	NW
<u>MICROM 411</u>	Bacterial Genetics	4	W	NW
<u>MICROM 412</u>	Prokaryotic Diversity	3	Sp	NW
<u>MICROM 442</u>	Medical Bacteriology	3	W	NW
Nutritional Science				
<i>Note: Some NUTR courses may be restricted to Food Systems Majors during registration period I.</i>				
<u>NUTR 302</u>	Food Systems: Harvest to Health	5	A,Sp	I&S/NW
<u>NUTR 303</u>	Food Systems: Individual to Population Health	5	W	I&S/NW
<u>NUTR 310</u>	Nutrition and the Life Course	4	Spr	NW
<u>NUTR 390</u>	Food Seminar	1		
<u>NUTR 400</u>	Nutrition Seminar	1	A, W	I&S
<u>NUTR 402</u>	Food Systems Modeling and Analysis	5	W	
<u>NUTR 405</u>	Physical Activity in Health and Disease	3	Sp	NW
<u>NUTR 406</u>	Sports Nutrition	3	W	NW
<u>NUTR 411</u>	Diet in Health and Disease	3	Sp	QSR
<u>NUTR 412</u>	United States Food Systems Policy	3	A	
<u>NUTR 420</u>	Global Nutrition: Challenges and Opportunities	3	A	I&S
<u>NUTR 446</u>	Food Safety and Health	3	W	
<u>NUTR / BIO A 465</u>	Nutritional Anthropology	3		I&S/NW
Philosophy				
Note: All 400 level courses are limited to majors only period one.				
PHIL 345				
PHIL 409				
<u>PHIL 411</u>	Justice in Health Care	5		I&S, VLPA
<u>PHIL 416 / ENVIR 416</u>	Ethics and Climate Change	5		I&S
<u>PHIL 417 / ENVIR 417</u>	Advanced Topics in Environmental Philosophy	5		I&S
<u>PHIL 441</u>	Public Health Ethics	5		I&S
<u>PHIL 460</u>	Philosophy of Science	5	A	I&S,NW
Physics				
<i>Credit is not given for both PHYS 116 and PHYS 123.</i>				
<u>PHYS 116</u>	General Physics	4	A,W,SP,S	NW
<u>PHYS 119</u>	General Physics Laboratory	1	A,W,SP,S	NW
<u>PHYS 123</u>	Waves	5	A,W,SP,S	NW

Psychology				
<u>PSYCH 431 / ENVIR 431 / ESRM 431</u>	Ecopsychology	5	W	I&S
Quantitative Science				
<u>Q SCI 292</u>	Analysis for Biologists I	5	W, SP, S	NW, QSR
<u>Q SCI 381</u>	Introduction to Probability and Statistics	5	A, W, SP, S	NW, QSR
<u>Q SCI 454 / FISH 454</u>	Ecological Modeling	5	W	NW
<u>Q SCI 482</u>	Statistical Inference In Applied Research I: Hypothesis Testing And Estimation For Ecologists And Resource Managers	5	A,W	NW
<u>Q SCI 483</u>	Statistical Inference in Applied Research II: Regression Analysis for Ecologists and Resource Managers	5	W, SP	NW
Sociology				
<u>SOC 331</u>	Population and Society	5		I&S