

Projected Course Rotation Schedule, Environmental Science and Biology double major (Revised May 2021)

EVS Core Classes (required):

Evs 276 Environmental Science Seminar	1 evening section each spring
Evs 476 Issues in Environmental Science	1 section each spring
Bio 201 The Mol. and Cell. Basis of Life	multiple sections each fall, one section in spring
Bio 202 Org., Adaptation, and Diversity	multiple sections each spring, one section in fall
Chem 103 General Chemistry I	several sections each fall
Chem 104 General Chemistry II	several sections each spring
Econ 101 Marketing Fundamentals	multiple sections each fall and spring
Geol 101 Physical Geology	one section each fall
Phil 280B Environmental Ethics	3 x 1-credit (5-week) courses, fall odd years

EVS/Chemistry/Geology Electives (choose one):

Chem 320 Quantitative Analysis	1 section each fall
Chem 420 Instrumental Analysis	1 section each spring
EVS 324 Introduction to GIS	1 section spring even years
Geol 210 Natural Disasters	typically each year
Geol 309 Geomorphology	irregular offering
Geol 403 Environmental Geochemistry	irregular offering

Chemistry/Biology Requirements:

Chem 307/307L Organic Chemistry I	multiple sections each fall
Bio 301 Professional Preparation	1 section each semester
Bio 303 Genetics	1 section each semester
Bio 310 Ecology	1 section fall of odd years
Bio 495 Biology Senior Seminar	1 section each spring

Required Math Electives (choose two):

schedule depends on courses elected (see MATH Course Offering Schedule)

Biology Area Requirements for EVS majors (choose at least one course from two of the following three areas):

Cellular and Molecular:

Bio 340 Microbiology	2 sections each spring
Bio 424 Cell Biology	1 section each fall
Bio 428 Molecular Biology	1 section spring of odd years
Bio 429/429L Biochemistry	1 section each fall

Biodiversity:

Bio 205 General Zoology	1 section spring of even years
Bio 207 General Botany	1 section fall of odd years
Bio 215 Field Zoology	1 section fall of odd years
Bio 219 Entomology	1 section fall of even years
Bio 328 Vertebrate Biology	1 section spring of odd years

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Physiology:

Bio 325 Anatomy and Physiology I	1 section each fall
Bio 327 Plant Physiology	1 section spring of even years
Bio 330 Principles of Toxicology	1 section each fall
Bio 425 Advanced Human Physiology	1 section each spring
Bio 432 Pharmacology and Toxicology I	1 section each fall
Bio 433 Pharmacology and Toxicology II	1 section each spring

Biology Electives:

Bio 2SGI Data Analysis for Scientific Investigations	1 section each fall
Bio 234 Forensic Science	1 section spring of odd years
Bio 297 Intro to Lab and Field Research	arranged each semester
Bio 304 Journal Club	1 or 2 sections each fall
Bio 305 Evolution	1 day section fall of even years
Bio 326 Anatomy and Physiology II	1 day section each spring
Bio 331 Methods in Toxicology	1 day section spring of even years
Bio 348 Emerging Pathogens	1 day section spring of even years
Bio 411 Limnology	1 section spring of odd years
Bio 412 Marine Biology	1 section spring of even years
Bio 480 Adv. Topics in Biology/Toxicology	special offerings
Bio 493 Professional Internship	arranged each semester
Bio 497 Directed Lab and Field Research	arranged each semester