Course Rotation Schedule, Environmental Science and Toxicology double major (Revised May 2024)

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	one section fall odd years (1-3 5-wk, 1-cr topics)

Toxicology Requirements:

BIO 301 Professional Preparation	1 section each semester
BIO 303 Genetics	1 section each semester
BIO 330 Principles of Toxicology	1 section each fall
BIO 331 Methods in Toxicology	1 section spring of even years
BIO 429/429L Biochemistry	1 section each fall
BIO 432 Pharmacology and Toxicology I	1 section each fall
BIO 433 Pharmacology and Toxicology II	1 section each spring
BIO 495 Biology Senior Seminar	1 section each spring
CHEM 307/307L Organic Chemistry I	multiple sections each fall
CHEM 320 Quantitative Analysis	1 section each fall
CHEM 420 Instrumental Analysis	one section each spring

Inc. Math Requirements:

Math 208 Elementary Statistics	multiple day sections each semester, one evening section each semester, at least one summer section
Math 201 Calc. w/for Mgt.,Life, Soc. I	at least one section each fall
OR	
Math 205 The Calculus I	one section each fall

Inc. Biology Electives (min. 8 credits, 200-400-level):

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/EVS 216 Data Analysis for Scientific Investigations	1 section fall or even years
BIO 219 Entomology	1 section fall of even years
BIO 234 Forensic Science	1 section spring of odd years
BIO 297 Intro to Lab and Field Research	arranged each semester
BIO 2SGK The Human Environment	1 section fall of even years
BIO 304 Journal Club	1-2 sections each fall
BIO 305 Evolution	1 section fall of even years
BIO 310 Ecology	1 section fall of odd years

BIO/EVS 320 Intro. to Geographic Information Systems (GIS)	1 section spring of even years
BIO 325 Anatomy and Physiology I	1 section each fall
BIO 326 Anatomy and Physiology II	1 section each spring
BIO 327 Plant Physiology	1 section spring of even years
BIO 328 Vertebrate Biology	1 section spring of odd years
BIO 340 Microbiology	1 section each spring
BIO 348 Emerging Pathogens	1 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 424 Cell Biology	1 section fall of odd years
BIO 425 Advanced Human Physiology	1 section each spring
BIO 428 Molecular Biology	1 section spring of odd 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

Recommended Electives (discuss w/ advisor):

BIO 310 Ecology	1 section fall of odd years
CHEM 308/308L Organic Chemistry II	multiple sections @spring
BIO/EVS 320 Intro. to Geographic Information Systems (GIS)	1 section spring of even years
PHYS 201 General Physics I	1 section fall of even years
PHYS 202 General Physics II	1 section spring of odd yrs
OR	
PHYS 205 University Physics I	1 section each fall
PHYS 206 University Physics II	1 section each spring