

Course Rotation Schedule, Environmental Science and Chemistry (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	fall odd years (3 separate 1-credit/5-week classes)

Biology/Geology Electives (choose one):

BIO 310 Ecology	1 section fall of odd years
BIO/EVS 324 Intro. to Geographic Info Systems (GIS)	1 section spring of even years
BIO 330 Principles of Toxicology	1 section each fall
BIO 411 Limnology	1 section spring odd years
BIO 412 Marine Biology	1 section spring even years
GEOL 210 Natural Disasters	1-2 sections each semester
GEOL 309 Geomorphology	irregular offering
GEOL 403 Environmental Geochemistry	irregular offering

Chemistry/Math/Physics Requirements:

CHEM 307 Organic Chemistry I	1-2 sections each fall
CHEM 307L Organic Chemistry I Lab	1-2 sections each fall
CHEM 308 Organic Chemistry II	1-2 sections each spring
CHEM 308L Organic Chemistry II Lab	1-2 sections each spring
CHEM 320 Quantitative Analysis	1 section each fall
CHEM 411 Quantum Mechanics	one section fall odd years
CHEM 412 Thermodynamics	one section spring even years
MATH 205 The Calculus I	multiple sections each fall
MATH 206 The Calculus II	multiple sections each spring
MATH 305 The Calculus III	one section each fall
OR	
MATH 307 Linear Algebra	one section each spring
PHYS 205 University Physics I	one section each fall
PHYS 206 University Physics II	one section each spring

(cont.)

Chemistry Electives* (choose two 400-level courses):

CHEM 413 Advanced Synthesis Laboratory	irregular offering
CHEM 416 Advanced Inorganic Chemistry	irregular offering
CHEM 420 Instrumental Analysis	one section each spring
CHEM 429/429L Biochemistry	one section each fall
CHEM 439 Advanced Topics in Biochemistry	one section spring odd years
CHEM 493 Internship	arranged on demand
CHEM 497 Laboratory & Field Research	arranged as needed
GEOL 403 Environmental Geochemistry (by permission)	irregular offering

*Students who wish to satisfy ACS requirements for Environmental Chemistry should elect CHEM 416, CHEM 420 + 6 additional hrs at 400-level, including CHEM 497 (must be approved EVS topic); GEOL 403 may substitute as a 400-level chemistry elective