

Course Rotation Schedule, Environmental Science and Chemistry (Revised August 2026)

EVS Core Classes (required):

EVS 276 Environmental Science Seminar	1 evening section each spring
EVS 476 Issues in Environmental Science	1 section spring even years
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	each fall
CHEM 104 General Chemistry II	each spring
ECON 101 Marketing Fundamentals	multiple sections each fall and spring
GEOL 101 Physical Geology (now GEOL 107 Earth Materials, Processes, and History)	one section each fall
PHIL 280B Environmental Ethics	3 x 1-credit, 5-week courses, fall odd years

EVS/Biology/Geology Electives (choose one):

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

Chemistry/Math/Physics Requirements:

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

(cont.)

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

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

*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