

Projected Course Offering Schedule for the Department of Chemistry/Geology/Physics

Updated July 12, 2025

¹Summer offerings are not included. Overall enrollment and demand may result in changes to this schedule.

²Contact your faculty advisor and/or the Department Chair (bmohney@ashland.edu) for more information.

Course	Title	Planned Rotation ¹
CHEM 103/103L	General Chemistry I	Each fall
CHEM 104/104L	General Chemistry II	Each spring
CHEM 250	Lead and Civilization	Irregular offering ²
CHEM 251	Molecular Architecture	Each fall and spring
CHEM 252	Chemistry of Crime Scene Investigation	Irregular offering ²
CHEM 253	Chemical Perspectives on Life	Each fall and spring
CHEM/GEOL 297	Intro. to Laboratory & Field Research	Arranged as needed
CHEM 307/307L	Organic Chemistry I	Each fall
CHEM 308/308L	Organic Chemistry II	Each spring
CHEM 320/320L	Quantitative Analysis	Each fall
CHEM/GEOL/PHYS/PHIL 350	Science as a Cultural Force	Irregular offering ²
CHEM 411/411L	Quantum Mechanics	Fall of odd years
CHEM 412/412L	Thermodynamics	Spring of even years
CHEM 413	Advanced Synthesis Laboratory	Irregular offering ²
CHEM 416/416L	Advanced Inorganic Chemistry	Spring of odd years
CHEM 420/420L	Instrumental Analysis	Each spring
CHEM/BIO 423	Pharmacology and Toxicology I	Each fall
CHEM/BIO 429/429L	Biochemistry	Each fall
CHEM/BIO 439	Advanced Topics in Biochemistry	Spring of odd years
CHEM/GEOL 493	Internship	Arranged as needed
CHEM/GEOL 497	Laboratory & Field Research	Arranged as needed
GEOL 101	Physical Geology	Irregular offering ²
GEOL 102	Historical Geology	Irregular offering ²
GEOL 107	Earth Materials, Processes, and History	Each Fall
GEOL 103	Physical Geography and the Environment	Irregular offering ²
GEOL 209	Natural Disasters: Volcanoes & Earthquakes	Each Fall
GEOL 210	Natural Disasters: Severe Weather	Each year
GEOL 211	Discovering the Ice Age	Irregular offering ²
GEOL 212	Archaeology & Human Antiquity	Irregular offering ²
GEOL 213	Asteroids, Comets, and Catastrophism	Irregular offering ²
GEOL 275	Topics in Regional Geology	Irregular offering ²
GEOL/CHEM 297	Intro. to Laboratory & Field Research	Arranged as needed
GEOL 309	Geomorphology	Irregular offering ²
GEOL 311	Mineralogy	Irregular offering ²
GEOL 312	Igneous and Metamorphic Petrology	Irregular offering ²
GEOL 313	Sedimentary Petrology and Stratigraphy	Irregular offering ²
GEOL/EVS/BIO 324	Intro. to Geographic Info. Systems (GIS)	Spring of even years
GEOL/CHEM/PHYS/PHIL 350	Science as a Cultural Force	Irregular offering ²
GEOL 401	Structural Geology	Irregular offering ²
GEOL 402	Geology of Natural Resources (Renamed)	Fall of even years
GEOL 403	Environmental Geochemistry	Spring of odd years
GEOL 405	Petroleum Geology	Irregular offering ²

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GEOL 429	Field Geology	Irregular offering ²
GEOL/BIO/EVS 476	Issues in Environmental Science	Each spring
GEOL/CHEM 493	Internship	Arranged as needed
GEOL/CHEM 497	Laboratory & Field Research	Arranged as needed
GEOL 215	Hydrogeology (New)	Fall of odd years
GEOL 216	Oceanography (New)	Spring
GEOL 274	Seminar on Climate Change (New)	Fall of odd years
PHYS 107	The Hidden Life of the Stars	Each fall, spring, summer
PHYS 201	General Physics I	Each fall
PHYS 202	General Physics II	Each spring
PHYS 205	University Physics I	Each fall
PHYS 206	University Physics II	Each spring
PHYS 320	Origins of the Universe	Irregular offering ²
PHYS/CHEM/GEOL/PHIL 350	Science as a Cultural Force	Irregular offering ²

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