

## Schedule of Astronomy / Geology / Planetary Science Courses

Geoscience Core classes are required for all Earth Science majors. Specialization requirements vary by concentration: check your online Degree Evaluation for more information.

Courses offered every semester (Fall and Spring): Geoscience Core and Specialization Requirements					
GSCI 121/125 Dynamic Earth (w/laboratory)	GSCI 131/135 Environmental Geoscience (w/lab)	GSCI 141/145 Earth & Life History (w/laboratory)	GSCI 129 Meteorology	AST or GSCI 460 Senior Project (1-3 cr.). <i>By arrangement with a faculty advisor: signed enrollment form should be submitted before classes start.</i>	AST or GSCI 490 (3 cr.) Special Topics <i>Offered when there is demand (at least 9 students confirmed to enroll).</i>

Courses offered every Fall semester: Geoscience Core and Specialization Requirements				
GSCI 221 (4 cr.) Mineralogy	GSCI 260 (1 cr.) Communicating Geol. Sci.	GSCI 290 (2 cr.) Field Methods	GSCI 424 (4 cr.) Geomorphology	AST 208 (4 cr.) Planetary Astronomy

Courses offered every Spring semester: Geoscience Core and Specialization Requirements		
GSCI 223 (4 cr.) Stratigraphy & Sedimentology	GSCI 360 (1 cr.) Research Methods	AST 209 (4 cr.) Stellar & Galactic Astronomy

Courses offered in alternate Fall semesters: Specialization Requirements & Electives				
Offered in odd-numbered years (starting 2023)			Offered in even-numbered years (starting 2022)	
GSCI 321 (4 cr.) Structural Geology	GSCI 442 (4 cr.) Soil Science	AST 278 (4 cr.) Observational Astronomy	AST 470 (3 cr.) Exoplanets and Astrobiology	GSCI 431 (4 cr.) Hydrogeology

Courses offered in alternate Spring semesters: Specialization Requirements & Electives				
Offered in odd-numbered years (starting 2023)			Offered in even-numbered years (starting 2022)	
GSCI 350 (3 cr.) Computer Methods	GSCI 455 (3 cr.) Energy Resources	AST 378 (3 cr.) Comparative Planetology	GSCI 322 (4 cr.) Petrology	GSCI 425 (3 cr.) Glacial/Quaternary Geology
			GSCI 441 (3 cr.) Environmental Geochemistry	AST 418 (3 cr.) Astrophysics