

GEOLOGY COURSES

- GLY 101. Principles of Geology (4)**
GLY 120. (EVS 120) Environmental Geology (3) GLYL 120. (EVSL 120) Lab (1)
GLY 125. Natural Disasters (3)
GLY 131. Dinosaurs (2)
GLY 135. Prehistoric Life (3)
GLY 150. Introduction to Oceanography (3)
GLY 171. Physical Geology (4) Prerequisite or corequisite: MAT 111
GLY 172. The Earth Through Time (4) Prerequisite: GLY 101 or 120 (EVS 120) and GLYL 120 (EVSL 120) or GLY 171
GLY 200. Methods in Geology (3) Prerequisite: GLY 101 or 120 (EVS 120) and GLYL 120 (EVSL 120) or GLY 171
GLY 201. Mineralogy (4) Prerequisite: GLY 101 or 120 (EVS 120) and GLYL 120 (EVSL 120) or GLY 171; corequisite or prerequisite CHM 101
GLY 220. Field Methods in Environmental Sciences (3) Prerequisite: GLY 101 or 120 (EVS 120) and GLYL 120 (EVSL 120) or GGY 130; and MAT 111
GLY 226. (GGY 235) Principles of Hydrology (3) Prerequisite: GGY 130 or GLY 101 or GLY 120 (EVS 120)
GLY 240. Geology of North Carolina (3) Prerequisite: Any 100-level GLY course or permission of instructor
GLY 250. Beaches and Coasts (3) Prerequisite: GLY 101 or GLY 120 or GLY 150
GLY 280. Special Topics in Geology (1-4)
GLY 310. General Petrology (4) Prerequisite: GLY 200, 201, or consent of instructor
GLY 311. Igneous and Metamorphic Petrology (4) Prerequisite: GLY 200, 201
GLY 312. Sedimentary Petrology (4) Prerequisite: GLY 201; corequisite or prerequisite GLY 200
GLY 335. (GGY 335) Geomorphology (4) Prerequisite: GLY 101 or GGY 130 or GLY 120 (EVS 120) and GLYL 120 (EVSL 120)
GLY 337. Invertebrate Paleontology (4) Prerequisite: GLY 172 or permission of instructor
GLY 350. Advanced Oceanography (3) Prerequisite: GLY 150
GLY 391. Appalachian Geology (1) Prerequisite: GLY 201 and GLY 200 or 220
GLY 392. Coastal Plain Geology (1) Prerequisite: GLY 201 and GLY 200 or 220
GLY 393. Coastal Processes (1) Prerequisite: GLY 200 or 220
GLY 394. Piedmont Geology (1) Prerequisite: GLY 201 and GLY 200 or 220
GLY 402. Advanced Mineralogy (3) Prerequisite: GLY 201; corequisite MAT 112 or permission of instructor
GLY 420. (EVS 420) (PHY 420) Global Climate Change (3) Prerequisites: PHY 102, CHM 102, and MAT 162
GLY 426. (526) Geohydrology (4) Prerequisite: MAT 162 and either GLY 310 or 312
GLY 431. Stratigraphy (4) Prerequisite: GLY 310, 312, or 337
GLY 440. (540) Regional Geology of North America (3) Prerequisite: GLY 431 or 441
GLY 441. Structural Geology (4) Prerequisite: GLY 200 and MAT 112 or permission of instructor
GLY 443. Tectonics (3) Prerequisite: GLY 310, 431, and 441
GLY 450. Geological Oceanography (4) Prerequisite: GLY 150 and 201 or 350
GLY 458. (558) (BIO 487/587) Introduction to Coastal Management (4) Prerequisites: Junior standing or consent of instructors
GLY 465. (565). Introduction to Geophysics (3) Prerequisite: GLY 200 or 220, MAT 112 or 115.
GLY 470. Field Course in Geology (6) Prerequisite: GLY 311-312 (or GLY 310), GLY 431 and 441
GLY 472. (572) Introduction to Geochemistry (3) Prerequisite: MAT 162, GLY 201 or CHM 445
GLY 480. Advanced Topics in Geology (1-4) Prerequisite: Junior standing in department and consent of instructor
GLY 489. The Dynamic Earth (3) Prerequisites: Senior standing with a major in GLY and completion of 15 hours in the major from courses at the 200 level and above
GLY 491. Directed Individual Study (1-3) Prerequisite: Overall GPA or at least 2.00, junior or senior standing, and consent of instructor, department chair and dean
GLY 495. Senior Seminar (1-3) Prerequisite: Senior standing with a major in GLY and completion of 18 hrs in the major from courses at the 200-level and above
GLY 499. Honors Work in Geology (2-3) Prerequisite: Eligibility for honors program and recommendation of department chairperson