

**Environmental, Geographical, and Geological Sciences (EGGS)
Courses and Prerequisites**

Course	Prerequisites
EGGS 100 – Intro to Environmental Science	None
EGGS 101 – Intro to Physical Geography	None
EGGS 102 – World Cultural Geography	None
EGGS 103 – Dinosaurs	None
EGGS 104 – World Regional Geography	None
EGGS 105 – Env. Issues and Choices	None
EGGS 106 – The Planets	None
EGGS 107 – Natural Disasters	None
EGGS 120 – Physical Geology	None
EGGS 125 – Weather and Climate	None
EGGS 130 – Historical Geology	EGGS 120 – Physical Geology
EGGS 150 – Quantitative Methods in Earth Science	Any Math Course 109 or higher
EGGS 160 – Geography and Information Systems	None
EGGS 200 – Geography of the US and Canada	None
EGGS 201 – Geography of Europe	None
EGGS 202 – Geography of Latin America	None
EGGS 203 – Geography of Australia	None
EGGS 204 – South Asia	None
EGGS 221 – Economic Geography	None
EGGS 240 – Writing for Environmental Careers	EGGS 105 – Env. Issues and Choices or ENGLISH 101 – Foundations of Writing
EGGS 242 – Map Use & Analysis	None
EGGS 250 – Elements of Planning	None
EGGS 255 – Meteorology	None
EGGS 259 – Oceanography	None
EGGS 260 – Earth Materials	EGGS 120 – Physical Geology
EGGS 261 – Mineralogy	EGGS 120 – Physical Geology
EGGS 262 – Petrology	EGGS 261 – Mineralogy
EGGS 264 – Applied Cartography	None
EGGS 265 – Geomorphology	EGGS 120 – Physical Geology
EGGS 301 – Water Resources Management	None
EGGS 302 – Land Resources Management	EGGS 250 – Elements of Planning
EGGS 303 – Soil Resources Management	None
EGGS 304 – Environmental Valuation	EGGS 105 – Env. Issues and Choices
EGGS 305 – Environmental Risks and Hazards	EGGS 101 - Intro to Physical Geography or EGGS 107 - Natural Disasters

EGGS 310 – Population Geography	None
EGGS 315 – Geography of Recreation, Tourism, and Sport	None
EGGS 320 – Remote Sensing of the Earth	MATH 112 – Trigonometry
EGGS 330 – Special Topics in Field Geology	EGGS 100 - Intro Enviro Science, EGGS 120 - Physical Geology, and EGGS 242 - Map Use and Analysis or permission of instructor.
EGGS 350 – Advance Planning	EGGS 250 – Elements of Planning
EGGS 358 – Environmental Conservation	EGGS 105 – Env. Issues and Choices
EGGS 360 – Principles of GIS I	EGGS 242 – Map Use and Analysis
EGGS 361 – Principles of GIS II	EGGS 360 – Principles of GIS I
EGGS 363 – Urban Geography	None
EGGS 365 – Intro to Paleontology	EGGS 130- Historical Geology or BIOLOGY 211 - Invert Zoology
EGGS 368 – Stratigraphy and Sedimentation	EGGS 120 - Physical Geology and EGGS 120 - Historical Geology
EGGS 369 – Structural Geology	EGGS 120 – Physical Geology
EGGS 370 – Surface Hydrology	EGGS 100 - Intro to Environmental Science or EGGS 120 - Physical Geology
EGGS 380 – DAMS, Reservoirs, and Rivers	EGGS 100 - Intro Environmental Science and EGGS 101 - Intro Physical Geography
EGGS 386 – US Public Lands: Geog, Politics, Manag	60 Earned Credit Hours and EGGS 105 - Environmental Issues & Choices
EGGS 390 – Special Topics in Environmental, Geographical, and Geological Sciences	None
EGGS 420 – Planetary Science	EGGS 106 - The Planets and EGGS 260 - Earth Materials or EGGS 262 - Petrology and EGGS 320 - Remote Sensing of the Earth
EGGS 451 – Field Techniques in Earth Science	15 semester hours in geoscience courses or consent of the instructor
EGGS 460 – Aqueous Geochemistry	CHEM 116 - Chem for Sciences 2 and EGGS 261 - Mineralogy
EGGS 461 – Mineral Resources	EGGS 261 - Mineralogy
EGGS 462 – Techniques of Geographic Measurement	EGGS 242 – Map Use and Analysis
EGGS 463 – Fundamentals of Petroleum Geology	None
EGGS 470 – Groundwater Hydrology	EGGS 120 - Physical Geology and EGGS 265- Geomorphology
EGGS – 475 Independent Study in Environmental, Geographical, and Geological Sciences	21 semester hours in geosciences
EGGS 480 – Applied Geophysics	EGGS 120 – Physical Geology PHYSICS 111 – Intro to Physics 1 and MATH 123 – Essentials Calculus Or consent of the instructor
EGGS 492 – Geography Seminar	Major in Geography

EGGS 493 – Research in Environmental, Geographical, and Geological Sciences	EGGS 262 - Petrology, EGGS 261 - Mineralogy, and EGGS 368 - Strat & Sediment
EGGS 495 – Senior Seminar in Environmental, Geographical, and Geological Sciences	Junior or Senior in Geography or Geoscience Majors and at least one course 300 level or above in the major
EGGS 496 – Internship in Environmental, Geographical, and Geological Sciences	Geography*Environ Plan Major, Geography*Urban & Regional Planning Major or Geography*General Major
EGGS 497 – Internship in Planning	None
EGGS 498 – Applied Planning Seminar	Internship Geography - EGGG 496 or Internship in Planning - EGGG 497