

Minor in Geology

The minor in Geology offers students interested in the subject either the opportunity to enhance their degree and career goals, or simply follow a passion through maximum flexibility in curriculum by taking a minimum of 22 credits within the discipline. The minor in Geology will provide a framework of a Geology with the ability to specialize in an area of interest through selecting 4-5 courses beyond two gateway-foundation courses of interest or that would best support their current degree goals.

Minor Requirements

Course bank for the minor in Geology with a minimum of 22 credits. Students must take GEOL 01.101 and 01.102 plus any two, 200 level courses. The remaining needed credits for the minor are taken as electives from any course offered in the bank below.

Course Name	Course Sequence	Total Credits	Total hrs
GEOL 01.101 Physical Geology	1 st (Year 1-2)	4	5
GEOL 01.102 Earth Through Time	2 nd 1(Year 1-2)	4	5
GEOL 01.105 Selected Topics in Geology	Anytime	4	5
GEOL 01.112 Motion of Life	Anytime	3	3
GEOL 01.110 Dinosaurs and Their World	Anytime	3	3
GEOL 01.111 The Rowan Fossil Park Experience	Anytime	3	3
GEOL 01.120 Earthquakes and Volcanos	Anytime	3	3
GEOL 01.131 Earth in Transition: The Science of Global Climate Change	Anytime	3	3
GEOL 01.133 Climate, Catastrophes, Civilization and Collapses: Earth Processes that Share Our World	Anytime	3	3
GEOL 01.136 Water Planet: Exploring the Hydrosphere	Anytime	3	3
GEOL 01.150 Voyager: Space Exploration	Anytime	3	3
GEOL 01.201 Mineralogy & Petrology	Years 2-3	4	5
GEOL 01.210 Invertebrate Paleontology	Years 2-3	4	5
GEOL 01.220 Paleoclimatology	Years 2-3	4	5
GEOL 01.240 Introduction to Field Methods	Years 2-3	4	5
GEOL 01.250 Ocean-Atmosphere Interactions	Years 2-3	4	5
GEOL 01.303 Advanced Topics in Geology	Years 2-3	4	5
GEOL 01.310 Paleontology Laboratory Techniques	Years 2-3	4	5
GEOL 01.311 Vertebrate Paleontology	Years 2-3	4	5
GEOL 01.312 Dinosaur Paleontology	Years 2-3	4	5

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GEOL 01.313 Breathing Life Into Fossils: The Science of Paleont	Years 2-3	4	5
GEOL 01.320 Sedimentology & Stratigraphy	Years 2-3	4	5
GEOL 01.321 Hydrogeology	Years 2-3	4	5
GEOL 01.322 Quaternary Geology	Years 2-3	4	5
GEOL 01.331 Climate Change and the Cryosphere	Years 2-3	4	5
GEOL 01.332 Paleoceanography	Years 2-3	4	5
GEOL 01.350 Advanced Petrology	Years 2-3	4	5
GEOL 01.353 Geochemistry	Years 2-3	4	5
GEOL 01.351 Volcanology	Years 2-3	4	5
GEOL 01.352 Structural Geology	Years 2-3	4	5
GEOL 01.410 Taphonomy	Years 3-4	4	5
GEOL 01.411 Paleoecology	Years 3-4	4	5
GEOL 01.412 Macro-evolution	Years 3-4	4	5
GEOL 01.413 Paleobiology	Years 3-4	4	5
GEOL 01.421 Hydrogeology	Years 3-4	4	5
GEOL 01.430 Climate System Diagnostics	Years 3-4	4	5
GEOL 01.435 The Ice Ages and Quaternary Geology	Years 3-4	4	5
GEOL 01.455 Cosmochemistry	Years 3-4	4	5
GEOL 01.470 Applied Geophysics	Years 3-4	4	5