

Geology							
Module Code	Module Title	ECTS Credits	Semester/ Duration	% Exam	% CA	Pre-requisite	Notes
GLU33002	Blue Earth: Understanding The Function Of Marine Ecosystems	5	Semester 1	0	100	Even if there are no pre-requisites for this module, some familiarity with foundational undergraduate level biology and chemistry, as well as an elementary knowledge of algebra and calculus will greatly facilitate learning.	
GLU44005	Advanced Palaeontology	5	Semester 1	50	50		
GLU44007	Earth Resources For A Critical Future	5	Semester 1	60	40		
GLU44009	Geoscience For A Sustainable Planet	5	Semester 1	60	40		
GLU44010	Hydrocarbon Exploration In Rift Basins	5	Semester 1	40	60	GLU33006 Stratigraphy: Earth Through Time; GSU33007 JS Geoscience Field Course; GLU33928 Structural Geology.	
GSU33003	Ice Age Earth	5	Semester 1	0	100		
GLU33008	Metamorphic Rocks And Processes	5	Semester 2	50	50		
GLU33009	Hydrology And Groundwater Quality	5	Semester 2	70	30		
GLU33013	Tectonics & Structural Geology	5	Semester 2	50	50		
GLU44004	Advanced Volcanology and Igneous Petrology	5	Semester 2	40	60	GLU33005 Volcanism and Magmatism	
GLU44006	Carbonates: From The Atomic To The Planetary Scale	5	Semester 2	50	50	Ideally GSU33004 (The Crystal World), but not essential.	
GLU44011	Palaeoceanography And Palaeoclimatology	5	Semester 2	50	50		
GLU44012	Raw Materials In Building	5	Semester 2	70	30		
<p>For more information on module descriptors please click the module code or contact Dr Michael Stock at Michael.Stock@tcd.ie</p> <p>Please note that Modules relate to the 2023/24 Academic Year and are subject to change</p>							