

B.Sc. MAJOR in EARTH SCIENCE

(formerly Geology)
General Stream
Program Requirements

Humanities 6 credit hr	Arts/Comm 12 credit hr	Electives 24 credit hr	MATH/CSCI 6 credit hr	Science Breadth 18 credit hr	MAJOR Subject Earth Science 54 credit hr
				ENVS 1200 Environmental Sustainability	ERTH 1200 Understanding the Earth
				ENVS 2200 Energy, Resources, & Poll.	ERTH 1201 The Dynamic Earth
					ERTH 2301 Mineralogy
					ERTH 2302 Optical and Analytical Mineralogy
					ERTH 2325 Sedimentation & Stratigraphy
					ERTH 2326 Applied Earth Science Techniques**
					ERTH 3413 Structural Geology
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					ERTH 3312, 3313, or 3326
					ERTH 3454, 4441, or 4466
					ERTH ≥ 2xxx
					ERTH ≥ 2xxx
					ERTH ≥ 2xxx
					ERTH ≥ 2xxx
					ERTH ≥ 2xxx
					ERTH ≥ 2xxx
					ERTH ≥ 2xxx

A minimum GPA of 2.2 is required in the Major Subject Area

NOTES:

Light Gray = suggested schedule Year 1
Dark Gray = suggested schedule Year 2

★ Choose from EARTH 2373, EARTH 2400, EARTH 3305, EARTH 3306

****Students who completed GEOL 1201 The Dynamic Earth prior to 2025-26 do not need to take GEOL 2326 Applied Earth Science Techniques**

Course & Elective Options:

Sciences: Astronomy, Biology, Chemistry, Computing Science, Environmental Science, Geography (Group B only), ~~Earth Science/Geology~~, Mathematics, Physics, Psychology (Excluding ASTR 1010, CHEM 1221, MATH 1202, and MATH 1203)

Arts:Arts: Anthropology, Asian Studies, Atlantic Canada Studies, Chinese, Ancient Studies, Criminology, Economics, English, Entrepreneurship, French, German, Geography (Group A, C, D only), Global Development Studies, Health Wellness and Sport in Society, History, Intercultural Studies, Irish Studies, Japanese, Latin, Linguistics, Philosophy, Political Science, Public Humanities & Heritage, Religion, Sociology, Social Justice and Community Studies, Spanish, Women, Gender Studies & Sexuality

Humanities: Ancient Studies, Asian Studies, Atlantic Canada Studies, English, History, Intercultural Studies, Philosophy, Public Humanities & Heritage, Religion, and Modern Languages (courses in literature and/or culture)

Commerce: Accounting, Commerce, Commercial Law, Communications, Economics, Entrepreneurship, Finance, Management, Management Science, Marketing (Excluding MISA courses)