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1	Earth Science Prerequisites 2026-27	
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3	** Formally GEOL (Geology) courses	
4	Course Title	Prerequisites
5	ERTH 1200 Understanding Earth	N/A
6	ERTH 1201 The Dynamic Earth	N/A
7	ERTH 1202 Planet Earth: Atlantic Canada Perspective	N/A
8	ERTH 1203 Earth History Atlantic Canada Perspective	N/A
9	ERTH 1204 Geology for Engineers	N/A
10	ERTH 1206 Global Change	N/A
11	ERTH 1208 Environmental Geology: Atlantic Canada Perspective	N/A
12	ERTH 1210 Dinosaurs and Their Worlds	N/A
13	ERTH 1211 Atlantic Ocean	N/A
14	ERTH 1212 Mining & Society: From Exploitation to Sustainability	N/A
15	ERTH 2301 Mineralogy	ERTH 1200 or ERTH 1204 (may be taken concurrently)
16	ERTH 2302 Optical and Analytical Mineralogy	ERTH 2301
17	ERTH 2325 Sedimentation and Stratigraphy	ERTH1200 or ERTH 1201
18	ERTH 2326 Applied Earth Science Techniques	ERTH 1200 or ERTH 1204 and one of the following: ERTH 1201, 1202, 1203, 1206, 1208, 1211
19	ERTH 2373 Geomorphology	GEOG 1200 or ERTH 1200 or ERTH 1201
20	ERTH 2400 Field Methods	ERTH 1200, 1201, 2326 and permission of the instructor
21	ERTH 3213 Applied Geomorphology	ERTH 2373[GEOG 2313] or GEOG 2333
22	ERTH 3305 Geomatics	ERTH 1200 or ERTH 1201 or ERTH 1204
23	ERTH 3306 Geophysics	ERTH 1200 and 1201
24	ERTH 3312 Igneous Petrology	ERTH 2302
25	ERTH 3313 Metamorphic Petrology	ERTH 2302
26	ERTH 3323 Paleontology: History of Life	one of ERTH 1200, 1201, 1202, 1208, BIOL 1211, BIOL 1212
27	ERTH 3326 Sedimentary Petrology	ERTH 2302 and ERTH 2325
28	ERTH 3340 Principles of Hydrogeology	ERTH 1200 and 1201
29	ERTH 3386 Concepts in GIS Analysis	ERTH 3305 or GEOG 2386
30	ERTH 3410 Environmental Impact Assessment	45 credit hours including one of: ENV5 2200, 2300, 2310, 2400
31	ERTH 3413 Structural Geology	ERTH 2326 and ERTH 2400
32	ERTH 3444 River Dynamics, Landforms, and Landscapes	ERTH 2373[GEOG 2313] or ERTH 2325[GEOG 2325]
33	ERTH 3453 Principles of Geochemistry	ERTH 1200, GEOL 1201 and CHEM 1210
34	ERTH 3454 Analytical & Environmental Geochemistry	ERTH 1200, ERTH 1201, ERTH 2301 and ERTH 2302 (can be taken concurrently)
35	ERTH 4301 Geological Mapping	ERTH 2400, and ERTH 3305
36	ERTH 4414 Tectonics	ERTH 1200, ERTH 1201, ERTH 3414 (can be taken concurrently)
37	ERTH 4441 Mineral Resources	ERTH 1200, 1201, ERTH 2301 and ERTH 2302 (can be taken concurrently)
38	ERTH 4442 Economic Geology Field School	ERTH 4441
39	ERTH 4466 Petroleum Geology	ERTH 1200, 1201, 2305 and 2325 (latter two courses can be taken concurrently)
40	ERTH 4467 Principals of Organic Geochemistry	Minimum 3 credit hours in CHEM
41	ERTH 4475 Glaciers and Glaciation	GEOG 2313[ERTH 2373] or ERTH 2325[GEOG 2325]
42	ERTH 4476 Coastal Geomorphology	GEOG 2313[ERTH 2373] or ERTH 2325[GEOG 2325]
43	ERTH 4496 Applications in GIS	GEOG 3356 or GEOG 3386 [ERTH 3386]
44	GEOL 4550 Honours Project GEOL	Honours Standing
45	GEOL 4650 Research Methods in Geology	Honours Standing