

Suggested Order of Courses for the Geology Major*
(updated May 2025)

	Year 1	Year 2	Year 3	Year 4
Fall	ESc 102 ESc 201 (ESc/Geol 102 > 60%) Ges 121 Chem 104 Math 110 Stat 100/160 Cs 110 Eng 100/110 Phys 109/119	 ESc 210 (ESc 201 > 65%) ESc 240 (ESc102) Ges 323 (Ges 121)	ESc 307 (Chem 105, ESc 201/ESc211) ESc 313 (ESc 211, 307; 307 can be taken concurrently with 313 if 211 has been completed) ESc 314 (ESc 201, 211) ESc 353 (ESc 201, 211) ESc 329 (Ges 121)	Additional 4 th year courses (3 additional 400-level courses besides those specified in Year 3 are required in the Geology Program**)
Winter	ESc 102 Ges 121 Chem 105 Math 110 Stat 100/160 Cs 110 Eng 100/110 Phys 109/119	ESc 201 (ESc 102: > 60%) ESc 211 (ESc 210, Chem104) ESc 241 (ESc 210) ESc 270 (ESc 102)*	ESc 340 (ESc 240, 241, 314; 314 can be taken concurrently with 340) ESc 315 (ESc 211, 307) ESc 453 (ESc 353)	Additional 4 th year courses (3 additional 400-level courses besides those specified in Year 3 are required in the Geology Program**)
Spring/Summer	ESc 102	ESc 396 (6 classes in ESc - 18 crd)	ESc 496 (ESc 396, 353, 313, 315)	

* Courses in **bold** are mandatory for the Geology Program and courses in parentheses are prerequisites. Ges 121 is not mandatory for the Geology Program, but it is prerequisite for Ges 323, which is mandatory. ESc270 is not mandatory and may not be offered every year. Note also that two additional fundamental science courses besides those listed here are required for APEGS - consult with the Geology academic advisor regarding the APEGS requirements – there is a list of courses that are acceptable by APEGS and those that are not.

** 400-level courses that may be available include ESc 416, 430, 451, 461, 472, 473, 429, 454, 460, 470, 476, and 497. These 400-level courses are not necessarily offered every year – consult with the department for their availability. In addition to those listed here, you may also consider reading classes and/or theses (talk to your professors about your interest and their availability).