

Geosciences - GEOS (B.S.)

The following program of study is recommended for students who plan to transfer to the College of Science to earn a Bachelor of Science, Major - Geosciences (GEOS).

Prospective Geoscience majors may take Physical Geology and Historical Geology courses (GOL 105, GOL 106) at the community college to fulfill the GEOS 2024 requirement. However, all Geosciences majors who have taken Physical Geology and Historical Geology courses are still encouraged to take GEOS 2024 Earth's Dynamic Systems for a more integrated experience at Virginia Tech.

Recommended VCCS Courses	VT Credits 1st. Sem	VT Credits 2nd. Sem	Virginia Tech Course Application
First Year			
CHM 111 or 126, 112	4	4	CHEM 1035+1045, 1036+1046
ENG 111, 112	3	3	ENGL 1105, 1106
MTH 263	4		MATH 1225
MTH 264		4	MATH 1226
MTH 266		2-3	MATH 2114
PHY 231 or (241+242) ¹		4	PHYS 2305
Critical Thinking in the Humanities	3		See Pathway List
Reasoning in the Social Sciences	3		See Pathway List
TOTAL	17	17-18	
Second Year			
BIO 101, 102	4	4	BIOL 1105+1115, 1106+1116
MTH265	3		MATH 2204
PHYS 232 or (241+242) ¹		4	PHYS 2306
Critical Thinking in the Humanities		3	See Pathway List
Reasoning in the Social Sciences	3		See Pathway List
Critique and Practice in Design and the Arts	3	3	See Pathway List
TOTAL	13	14	

Footnotes

¹ Students must take both courses to receive credit for PHYS 2305 and PHYS 2306. Students may take PHY 231+232 or PHY 241+242 but should not mix the two VCCS Physics series.

² See VCCS General Education Requirements: Curriculum for Liberal Education.

See Foreign Language Requirement