

Suggested Arrangement of Courses, Climate System Science (BSGS)

Requirements		Hours
1st Semester		
GEO 303 or GEO 401	Introduction to Geology (Major) Physical Geology	3
M 408K	Differential Calculus (General Education)	4
CH 301	Principles of Chemistry I (General Education)	3
UGS 302	First-Year Signature Course (Core) ⁰⁹⁰	3
or UGS 303	First-Year Signature Course	
RHE 306	Rhetoric and Writing (Core) ⁰¹⁰	3
2nd Semester		
GEO 416W	Climate, Water, and the Environment (Major)	4
E 316L or E 316M or E 316N or E 316P	British Literature (Core) ⁰⁴⁰ American Literature World Literature Masterworks of Literature	3
M 408L	Integral Calculus (General Education)	4
CH 302	Principles of Chemistry II (General Education)	3
U.S. History (Core) ⁰⁶⁰		3
3rd Semester		
GEO 416S	Earth and Planetary Processes Through Time (Major)	4
M 408M	Multivariable Calculus (General Education)	4
PHY 303K & PHY 105M	Engineering Physics I and Laboratory For Physics 302K, 303K, and 317K (General Education)	4
GEO 416E	Solid Earth Processes (Major)	4
4th Semester		
GEO 310T or GEO 405 or GEO 315L	Undergraduate Topics in Geological Sciences (Major) Life through Time Earth From Lab to Planet	3
GEO 310T or GEO 405 or GEO 315L	Undergraduate Topics in Geological Sciences (Major) Life through Time Earth From Lab to Planet	4
PHY 303L & PHY 105M	Engineering Physics II and Laboratory For Physics 302K, 303K, and 317K (General Education)	4
SDS 302F	Foundations of Data Analysis (Major)	3
Upper-division GEO course (Major)		3
5th Semester		
GEO Climate Course (Major)		3
U.S. History (Core) ⁰⁶⁰		3

Upper-division GEO course (Major)		3
Upper-division Elective (Elective)		3
GOV 310L	American and Texas Government (Core) ⁰⁷⁰	3
6th Semester		
GEO Climate Course (Major)		3
GEO Computational Course (Major)		3
Upper-division GEO Elective (Major)		3
GOV 312L	Issues and Policies in American Government (Core) ⁰⁷⁰	3
Upper-division Elective (Major)		3
7th Semester		
GEO Climate Course (Major)		3
GEO Computation Course (Major)		3
Upper-division GEO course (Major)		3
Upper-division Elective (Elective)		3
Free Elective (Elective)		3
8th Semester		
GEO Climate Course (Major)		3
Upper-division GEO course (Major)		3
Upper-division Elective (Elective)		3
Visual and Performing Arts (Core) ⁰⁵⁰		3
Social and Behavioral Sciences (Core) ⁰⁸⁰		3
Total Hours		126

Four-year degree suggestion (for planning purposes only).

Currently enrolled students should meet with their academic advisor.

Course categories: Core, General Education[†], Major, Elective, Opportunity

Core Component Areas: ⁰¹⁰ Communication; ⁰²⁰ Mathematics; ⁰³⁰ Natural Science and Technology, Part I; ⁰⁴⁰ Humanities; ⁰⁵⁰ Visual and Performing Arts; ⁰⁶⁰ U.S. History; ⁰⁷⁰ American and Texas Government; ⁰⁸⁰ Social and Behavioral Sciences; ⁰⁹⁰ First-Year Signature Course; ⁰⁹³ Natural Science and Technology, Part II

Undergraduate Degree Program listing

[†] Effective April 2025, UT Austin no longer requires Skills and Experience flags.