

Suggested Arrangement of Courses, Hydrology and Water Resources (BSGS)

Requirements	Hours
1st Semester	
Intro GEO Course	3
M 408C	Differential and Integral Calculus (Core) ⁰²⁰ 4
CH 301	Principles of Chemistry I (Core) ⁰³⁰ 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	
E 316L	British Literature (Core) ⁰⁴⁰ 3
or E 316M	American Literature
or E 316N	World Literature
or E 316P	Masterworks of Literature
M 408D	Sequences, Series, and Multivariable Calculus (General Education) 4
CH 302	Principles of Chemistry II (Core) ⁰³⁰ 3
GEO Exper. Learning Course (Major)	3
U.S. History (Core) ⁰⁶⁰	3
3rd Semester	
Disciplinary GEO Course (Major)	4
Disciplinary GEO Course (Major)	4
PHY 303K & PHY 103M	Engineering Physics I and Laboratory for Physics 303K (General Education) 4
U.S. History (Core) ⁰⁶⁰	3
Free Elective (Elective)	3
4th Semester	
Disciplinary GEO Course (Major)	
GEO Exper. Learning Course (Major)	3
Free Elective (Elective)	3
PHY 303L & PHY 103N	Engineering Physics II and Laboratory for Physics 303L (Major) 4
Immersion GEO Course (Major)	3
5th Semester	
Computational GEO Course (Major)	3
Visual and Performing Arts (Core) ⁰⁵⁰	3
GOV 310L	American and Texas Government (Core) ⁰⁷⁰ 3
Social and Behavioral Sciences (Core) ⁰⁸⁰	3
Disciplinary Fundamental GEO Course (Major)	3
6th Semester	
Disciplinary Fundamental GEO Course (Major)	3
Computational GEO Course (Major)	3

GOV 312L	Issues and Policies in American Government (Core) ⁰⁷⁰	3
Free Elective (Elective)		3
GEO 476K	Groundwater Hydrology (Major)	4
7th Semester		
GEO 476M	Aqueous Geochemistry (Major)	4
WCE GEO course (Major)		4
Disciplinary Fundamental GEO Course (Major)		3
Free Elective (Elective)		3
Free Elective (Elective)		3
8th Semester		
GEO 376S	Physical Hydrology (Major)	3
WCE GEO Course (Major)		3
Disciplinary Fundamental GEO Course (Major)		3
Free Elective (Elective)		3
Free Elective (Elective)		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.