

A Four-Year Plan* for Geoscience Majors in the Geology Option

* Recommended sequence: Other schedules are possible!

Required GEOS
Required MATH
Required CHEM
Required core classes
Required PHYS
Sugg. Elective GEOS
 () = pre-requisite [] = co-requisite

Fall	Geos 101: Intro. Geo.	Chem 105: Gen. Chem I	Eng 111 Intro Acad. Writing	Core Requirement
Spring	Geos 112: Historical (Geos 101)	Chem 106: Gen. Chem II	Comm 131: Oral Comm.	Eng 213 Acad. Writing: Sci.

Fall	Geos 213: Min. [Chem 105, Geos 101, Math 107]	Geos 304: Geomorph. (Geos 101)	Math 200: Calculus I	Core Requirement
Spring	Geos 214: Petrology (Geos 213)	Geos 225: Field Methods (Geos 101)	Core Requirement	Core Requirement

Fall	Geos 322: Strat.-Sed. (Geos 101; 112)	Geos 315W: Paleo. (Geos 112, Eng 211/213)	Geos 309: Tectonics (Geos 101, [214])	Phys 211/103: Gen./College Phys.
Spring	Geos 314: Structure (Geos 322 OR [214], Phys 103)	Upper-division elective	Core Requirement	Phys 212/104: Gen./College Phys.

Fall	Stat 200/300: Statistics	Upper-division elective	Upper-division elective	Core Requirement
Spring	Geos 430: Stats & Data (Geos 225, Stat 200)	Upper-division elective		

summer after 3rd or 4th year

Geos 351W: Field Geology
(Geos 214, 225, 314, 322)

Must have at least 120 credits to graduate!
One elective must be an O!

Four-Year Plan* for Geoscience Majors in the Geophysics Option

* Recommended sequence: Other schedules are possible!

Required GEOS
Required MATH
Required CHEM
Required Core Course
Required PHYS
Sugg. Elective GEOS
 [] = co-requisite () = pre-requisite

Fall	Geos 101: Intro. Geo.	Chem 105: Gen. Chem I	Eng 111 Intro Acad. Writing	Math 200: Calculus I
Spring	Eng 213 Acad. Writing: Sci.	Chem 106: Gen. Chem II	Phys 211: General Phys. [Math 201]	Math 201: Calculus II
Fall	Geos 262: Rocks & Mins. (Geos 101)	Comm 131: Oral Comm.	Phys 212: General Phys. [Math 202]	Math 202: Calculus III
Spring	Geos 112: Historical (Geos 101)	Core Requirement	Core Requirement	Math 314: Linear Algebra
Fall	Geos 318: Solid Earth Geophysics	Geos 309: Tectonics (Geos 101, 262)	Phys 213: Elem. Modern Phys.	Math 302: Diff. Eq.
Spring	Geos 406: Volcanology	Upper-division elective	Phys 220: Intro. to Comput. Phys.	Core Requirement
Fall	Geos 475 (O&W): Presentation Techniques	Geos 431: F of Geophysics (Math 302; Math 314, Phys 220)	Core Requirement	Core Requirement
Spring	Geos 377 O: Ice Climate (Math 200; Phys 211)	Upper-division elective	Upper-division elective	Core Requirement
<div>summer</div>		Geos 488: Undergraduate Research	Must have at least 120 credits to graduate! One elective must be a W!	

A Four-Year Plan* for Geoscience Majors in the Geospatial Option

* Recommended sequence: Other schedules are possible!

Required GEOS
Required MATH
Required CHEM
Required core classes
Required PHYS
Suggested Elective
 () = pre-requisite [] = co-requisite

Fall	Geos 101: Intro. Geo.	Chem 105: Gen. Chem I	Eng 111 Intro Acad. Writing	Core Requirement
Spring	Geos 112: Historical (Geos 101)	Chem 106: Gen. Chem II	Comm 131: Oral Comm.	Eng 213 Acad. Writing: Sci.
Fall	Geos 213: Min. [Chem 105, Geos 101, Math 107]	Geos 304: Geomorph. (Geos 101)	Phys 103: College Physics	Math 200: Calculus I
Spring	Geos 214: Petrology (Geos 213)	Geos 225: Field Methods (Geos 101)	Phys 104: College Physics	Geos 222: Fund. of Geosp. Sc. (Geos 101)
Fall	Geos 322: Strat.-Sed. (Geos 101; 112)	Geos 475 OW: Presentation Techniques	Geos 309: Tectonics (Geos 101, 214)	Core Requirement
Spring	Geos 314: Structure (Geos 322 OR [214], Phys 103)	Geos 488: UG Research	Core Requirement	Core Requirement
Fall	Stat 200/300: Statistics	Geos 422: Remote Sens. (Geos 222)	Upper-division elective	Core Requirement
Spring	Geos 430: Stats & Data (Geos 225, Stat 200)	Geos 458: GPS/GIS (Geos 222)	Geog 435: GIS Analysis	Core Requirement
summer after 3rd or 4th year		Geos 351W: Field Geology (Geos 214, 225, 314, 322)	Must have at least 120 credits to graduate!	

A 4-Year Plan* for Geoscience Majors in the Paleontology Option

* Recommended sequence: Other schedules are possible!

Required GEOS
Required CHEM
Required PHYS
Required MATH

Required Core Courses
Required BIOL
Sugg. Elective GEOS/BIOL
() = pre-requisite [] = co-requisite

Fall	Geos 101: Intro. Geo.	Chem 105: Gen. Chem I	Eng 111 Intro Acad. Writing	Comm 131: Oral Comm.
Spring	Geos 112: Historical (Geos 101)	Chem 106: Gen. Chem II	Math 200: Calculus I	Eng 213 Acad. Writing: Sci.
Fall	Geos 213: Min. (Chem 105, Geos 101, Math 107)	Geos 315W: Invert. Paleo. (Geos 112, Eng 211/213)	Biol 115: Fundamentals I ((Chem 105))	Core Requirement
Spring	Geos 214: Petrology (Geos 213)	Geos 317O: Lab Methods (Geos 101, Geos 112)	Biol 116: Fundamentals II (Biol 115)	Core Requirement
Fall	Geos 322: Sed/Strat (Geos 101, Geos 112)	Geos 309: Tectonics (Geos 101, [214])	Biol 271: Ecology Biol 115, Biol 116	Phys 103: Collge Physics
Spring	Geos 314: Structure (Geos 322 OR [214], Phys 103)	Geos 225: Field Methods (Geos 101)	Geos 485: Mass Ex. (315, 322) OR Geos 486: Vert Paleo (315)	Core Requirement
Fall	Stat 200/300: Statistics	Geos 453: Palynology (315) OR Geos 488: Research	Biol 362: Genetics (Biol 115, Biol 116, Chem 105)	Core Requirement
Spring	Geos 430: Stats & Data (Geos 225, Stat 200)	Core Requirement	Biol 481: Evolution (Biol 271, Biol 362, Stat 200)	Core Requirement
Summer (after 3rd or 4th year)		Geos 351W: Field Camp (Geos 214, 225, 314, 322)	This is a plan for 116-119 required credits. You must have at least 120 credits to graduate!	