

IMPORTANT INFORMATION TO REMEMBER

Use this sheet with your Degree Audit to schedule your courses in a logical and functional sequence. YOU are responsible for ensuring that ALL requirements are met for the major AND that you have fulfilled ALL university requirements. Pay special attention when repeating courses and class time conflicts.

General Education Requirements:

- | | | |
|------------------------------------|-----------------------------|---|
| <input type="checkbox"/> AI | <input type="checkbox"/> BF | <input type="checkbox"/> LS (GEO 1100) |
| <input type="checkbox"/> WRTG 1010 | <input type="checkbox"/> HF | <input type="checkbox"/> PS (PHYS 2210) |
| <input type="checkbox"/> WRTG 2010 | <input type="checkbox"/> FF | |

First Year Experience

Choose one course

SCI 1500	First Year Seminar	1
BF	General Education Course	3
HF	General Education Course	3

Allied Science

CHEM 1210	General Chem 1 (F/S/Su)	4
PHYS 2210	Phys for Sci & Eng 1 (F/S/Su)	4
PHYS 2220	Phys for Sci & Eng 2 (F/S/Su)	4
MATH 1210	Calculus I (F/S/Su)	4
MATH 1220	Calculus II (F/S/Su)	4
MATH 2210	Calculus III (F/S/Su)	3
MATH 2250	Diff Eqs & Lin Algebra	4
MATH 3150	PDEs for Engineers (F/S/Su)	2
MATH 3160	Applied Complex Var (F/S/Su)	2

Geoscience Required Core

GEO 1100	Evolving Earth (F/S)	3
GEO 2100	Reactive Earth (F/S)	3
GEO 2500	Wasatch in the Field (F)	3
GEO 3100	Dynamic Earth (F/S)	3
GEO 4500	Field Methods (S)	3

Geoscience Elective Requirement

Complete 12 credit hours of 3000+ level course in the the following: GEO, ATMOS, BIOL, CHEM, PHYS, MG EN, BIOEN, CH EN, CS, CVEEN, ECE, ME EN, MSE, GEOG 3100, MATH 2250, PHYS 2710.

Bachelor Degree Requirements:

- | | |
|-----------------------------|--|
| <input type="checkbox"/> IR | <input type="checkbox"/> CW (GEO 4500) |
| <input type="checkbox"/> DV | <input type="checkbox"/> QI (GEO 3100) |

Required Geophysics Emphasis Courses

GEO 3010	Geophysics (S)	3
GEO 3400	Comp & Num Methods (F)	3
GEO 5210	Seismology I (F)	3
GEO 5240	Electromag Methods (S)	3

Geophysics Emphasis Electives

Complete at least 2 of the following:

GEO 5060	Global Geophysics (S)	3
GEO 5220	Seismology II (S)	3
GEO 5250	Inversion Theory & App (F)	3
GEO 5320	Signal Processing (F)	3
GEO 5330	Seismic Sources (F odd)	3
GEO 5040	Geodynamics (S)	3
GEO 5265	The Magnetic Earth (F)	3

Geophysics Capstone

Complete 1 of the following:

GEO 3900	Undergrad Research: Must be completed with one of the Geophysics faculty. Completion of GEO 5210 or GEO 5240 is recommended before taking GEO 3900. Advisor can provide list of geophysics faculty members.	3
GEO 4510 & GEO 4520	Field Geo 1 & Field Geo 2	2 & 2

Exit Interview Requirement

All students must complete department exit interview in their final semester. Talk with academic advisor for more details.

SAMPLE SCHEDULE

1 st Fall Semester	Credits
MATH 1210	4
WRTG 1010	3
GEO 1100	3
GEO 2500	3
SCI 1500	1
Total	14

2 nd Fall Semester	Credits
PHYS 2220	4
MATH 2210	3
AI	3
DV	3
Total	13

3 rd Fall Semester	Credits
MATH 3150	2
GEO 3400	3
GEO 5210	3
GEO 3100	3
FF	3
Total	14

4 th Fall Semester	Credits
Geophysics Emphasis Elective	3
Geoscience Core Elective	3
Geoscience Core Elective	3
BF	4
Elective	4
Total	17

1 st Spring Semester	Credits
MATH 1220	4
PHYS 2210	4
CHEM 1210	4
WRTG 2010	3
Total	15

2 nd Spring Semester	Credits
MATH 2250	4
GEO 2100	3
GEO 3010	3
DV	3
Total	13

3 rd Spring Semester	Credits
MATH 3160	2
GEO 5240	3
Geophysics Emphasis Elective	3
Geoscience Core Elective	3
IR	3
Total	14

4 th Spring Semester	Credits
GEO 4500	3
Geoscience Core Elective	3
Elective	4
Elective	4
Total	14

Summer	Credits
GEO 4510	2
GEO 4520	2
Total	4