

**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:**

- AI                       BF     HF     FF  
 WRTG 2010     BF     HF     FF

**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 3150	PDEs for Engineers (F/S/Su)	2
MATH 3160	Applied Complex Var (F/S/Su)	2

**Geophysics 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
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**Bachelor Degree Requirements:**

- CW (GEO 4500)                       QI (Math 3070)  
 IR     QI (GEO 3100)  
 DV

**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 (F)	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

**Geophysics Capstone**

Complete 1 of the following		
GEO 3900	Undergrad Research <i>Must be completed with one of the Geophysics faculty. Completion of GEO 5210 or GEO 5240 is recommended before taking GEO 3900</i>	3
GEO 4510 and GEO 4520	Field Geo 1 and Field Geo 2	2 & 2

**Geophysics Faculty**

Fan-Chi Lin; Michael Thorne Lowell Miyagi; Michael Zhdanov Keith; Koper Amir Allam; Jamie Farrell; Kris Pankow; James Pechmann

## SAMPLE SCHEDULE

1 <sup>st</sup> Fall Semester	Credits
MATH 1210	4
CHEM 1210	4
GEO 1100	3
GEO 2500	3
<b>Total</b>	<b>14</b>

1 <sup>st</sup> Spring Semester	Credits
MATH 1220	4
PHYS 2210	4
GEO 2100	3
WRTG 2010	3
<b>Total</b>	<b>14</b>

2 <sup>nd</sup> Fall Semester	Credits
PHYS 2220	4
GEO 3100	3
AI	3
MATH 2210	3
<b>Total</b>	<b>13</b>

2 <sup>nd</sup> Spring Semester	Credits
MATH 2250	4
GEO 3010	3
FF	3
HF	3
<b>Total</b>	<b>13</b>

3 <sup>rd</sup> Fall Semester	Credits
MATH 3150	2
GEO 3400	3
GEO 5210	3
FF	3
HF	3
<b>Total</b>	<b>14</b>

3 <sup>rd</sup> Spring Semester	Credits
MATH 3160	2
GEO 5240	3
Geoscience Elective	3
BF	3
DV	3
<b>Total</b>	<b>14</b>

4 <sup>th</sup> Fall Semester	Credits
Geophysics Elective	3
Geoscience Elective	3
Geoscience Elective	3
BF	3
<b>Total</b>	<b>12</b>

4 <sup>th</sup> Spring Semester	Credits
GEO 4500	3
Geophysics Elective	3
Geoscience Elective	3
IR	3
<b>Total</b>	<b>12</b>

Summer	Credits
GEO 4510	2
GEO 4520	2
<b>Total</b>	<b>4</b>