

GeoPhysics

Department	Course Number	Course Name	Credits	Required \$T	Term Taken
<b>Strongly Recommended</b>					
Physics	3010	Classical Mechanics (F)	3	<input type="checkbox"/>	<input type="checkbox"/>
	3230	Thermal Physics (S)	3	<input type="checkbox"/>	<input type="checkbox"/>
	3520	Instructional Assistance	1	<input type="checkbox"/>	<input type="checkbox"/>
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Computer Science	1440	Computer Science I	3	<input type="checkbox"/>	<input type="checkbox"/>
Mathematics	3130	Differential Equations	3	<input type="checkbox"/>	<input type="checkbox"/>
Chemistry	1101/1110	Introductory Chemistry I & Lab	4	<input type="checkbox"/>	<input type="checkbox"/>
	1102/1120	Introductory Chemistry II & Lab	4	<input type="checkbox"/>	<input type="checkbox"/>
Geology	1101,1102 OR	Physical Geology (F) - Historical Geology (S)	8	<input type="checkbox"/>	<input type="checkbox"/>
	1510,1511	Honors: Physical Geology (F) -Historical Geology (S)	8	<input type="checkbox"/>	<input type="checkbox"/>
	2007	Mineral Identification (S)	1	<input type="checkbox"/>	<input type="checkbox"/>
	2015	Rock Classification And Identification (F)	1	<input type="checkbox"/>	<input type="checkbox"/>
	2024	Fossil Classification And Identification (F)	1	<input type="checkbox"/>	<input type="checkbox"/>
	2725&2730	Prep. of Geological Reports (S)	3	<input type="checkbox"/>	<input type="checkbox"/>
	3260	Prin. of Structural Geology (F)	3	<input type="checkbox"/>	<input type="checkbox"/>
	AND EITHER				
	3015	Petrology (S)	3	<input type="checkbox"/>	<input type="checkbox"/>
	OR				
3200	Intro. to Stratigraphy and Sedimentation (S)	3	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Electives</b>					
Physics	3730	Analog Circuit Analysis (F)	4	<input type="checkbox"/>	<input type="checkbox"/>
	3020	Electromagnetic Fields & Waves (S)	3	<input type="checkbox"/>	<input type="checkbox"/>
	3211	Modern Physics II (S)	3	<input type="checkbox"/>	<input type="checkbox"/>
	353X-354X	Selected Topics 1-4 hrs.	—	<input type="checkbox"/>	<input type="checkbox"/>
	4620	Optics (S)	4	<input type="checkbox"/>	<input type="checkbox"/>
	4635	Advanced Microprocessor Interfacing & Robotics (S)	4	<input type="checkbox"/>	<input type="checkbox"/>
Geology* **	AND/OR				
	3107	Optical Mineralogy (F)	2	<input type="checkbox"/>	<input type="checkbox"/>
	3200	Intro to Stratigraphy and Sedimentation (S)	3	<input type="checkbox"/>	<input type="checkbox"/>
	4620	Hydrogeology (Even yrs. only) (S)	4	<input type="checkbox"/>	<input type="checkbox"/>
	OR				
	4650	Econ. Geo. & Explor. Tech. (Odd yrs. only) (S)	4	<input type="checkbox"/>	<input type="checkbox"/>
2077	Intro to Crystal Chemistry (S)	2	<input type="checkbox"/>	<input type="checkbox"/>	
*In that order of preference **Summer field program recommended					
Total Electives: 9-13 hrs.					S00

Core Curriculum 44-48 (covered in requirements)

Physics 31-33

Mathematics 12 Calculus +6

Chemistry

Geology

Electives

36 hours

31-33

18

8

20

Total 113-115

9-13

Total 122-128 hours

