



**Geology Major, Professional Track  
 Spring 2013**

**• Geology Courses**

Taken:	Grade:	Course	Offered
		One of the following:	:
		GEOL 100 Physical Geology	FSpSu
		GEOL 120 Environmental Geology	
_____	_____	GEOL 110—Introductory Geology Lab	FSpSu
_____	_____	GEOL 102—Historical Geology	Sp
_____	_____	GEOL 322—Mineralogy	Sp
_____	_____	GEOL 340—Geomorphology	Sp
_____	_____	GEOL 341—Structural Geology	F
_____	_____	GEOL 342—Stratigraphy and Sedimentation	Sp
_____	_____	GEOL 393—Technical Writing (Sr. Thesis I)	F, Sp
_____	_____	GEOL 394—Research Problems (Sr. Thesis II)	F, Sp
_____	_____	GEOL 423—Optical mineralogy	F
_____	_____	One of the following:	
		• GEOL 444—Low-Temperature Geochemistry	F
		• GEOL 445—High-Temperature Geochemistry	F
_____	_____	One of the following:	
		• GEOL 446—Geophysics	F
		• GEOL 447—Observational Geophysics	F
_____	_____	GEOL 443—Petrology	Sp
_____	_____	GEOL 451—Groundwater	Sp
_____	_____	GEOL 490—Field Camp	Su

**(Continued overleaf)**

## Supporting Courses

Taken:	Grade:	Course
_____	_____	One of the following <ul style="list-style-type: none"><li>• CHEM 131—Fundamentals of General Chemistry and CHEM 132— Fundamentals of General Chemistry Laboratory (4)</li><li>• CHEM 135—Chemistry for Engineers and CHEM 136— Chemistry for Engineers Laboratory (4)</li></ul>
_____	_____	MATH 140—Calculus I
_____	_____	MATH 141—Calculus II
_____	_____	One of the following <ul style="list-style-type: none"><li>• PHYS 141—General Physics</li><li>• PHYS 161— General Physics: Mechanics and Particle Dynamics and PHYS 174—Physics Laboratory Introduction</li><li>• PHYS 171— Introductory Physics: Mechanics and Relativity and PHYS 174—Physics Laboratory Introduction</li></ul>
_____	_____	One of the following <ul style="list-style-type: none"><li>• PHYS 142—General Physics</li><li>• PHYS 260 General Physics: Vibration, Waves, Heat, Electricity and Magnetism and PHYS 261 General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory)</li><li>• PHYS 272 Introductory Physics: Fields</li><li>• BIOM 301—Introduction to Biometrics</li><li>• Any of GEOL444, 445, or any other 3-4 credit 300 or 400 level Geology course not listed above.</li></ul>
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