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	GEOL 601	Professional Ethics in the Geosciences				I	M, A
	GEOL 602	Graduate Seminar	D		D	M, A	D
	GEOL 621	Near Surface Geophysics	D	D, A		D	
	GEOL 622	Seismic Exploration	I	D		D, A	
	GEOL 631	Isotope Geochemistry	I	M	D	D	
	GEOL 632	Contaminant Transport in Groundwater	I	D		D	D
	GEOL 633	The Science of Soils	M, A	D	I	D	I
	GEOL 634	Biogeochemistry	D		I	D	D
	GEOL 641	Earthquake Geology	D			M, A	D
	GEOL 642	Internship	D		D		D
	GEOL 643	Tectonic Geomorphology	D	D	D	D	
	GEOL 644	Structural Styles	D, A			M	M
	GEOL 645	Engineering Geology	D	M			D
	GEOL 659	Professional Certification Preparation	M, A				D
	GEOL 671	Field Experiences	M, A	M, A	M	D	D
	GEOL 689	Project		M, A	M, A	M, A	M, A
	GEOL 690	Independent Study					
	GEOL 691	University Thesis		M, A	M, A	M, A	M, A

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Develop advanced knowledge in geologic Materials, Processes & Time (Knowledge)	Attain proficiency in geological and environmental field, computing and laboratory applications (Synthesis)	Perform original research by integration and analysis of geologic and environmental information and data sets (Research)	Master effective oral and written communication, and practice collaborative skills (Communication)	Join an ethical community of scientists who recognize the importance of sustainability, the role of science in society, and the value of life-long learning (Global)
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]