

**Graduate Program Course Schedule
Dept. of Geosciences
Approved Courses for Graduate Curriculum**

	Fall		Spring	
<i>Category</i>	<i>Course Number</i>	<i>Course Name</i>	<i>Course Number</i>	<i>Course Name</i>
Geosciences Breadth	Geosc 500	Issues in Geoscience		
Disciplinary Fundamentals	Geosc 488	Earthquake Seismology	Geosc 502	Evolution of the Biosphere
	Geosc 489	Dynamics of the Earth	Geosc 507	Seismology I
	Geosc 518	Stable Isotope Geochemistry	Geosc 533	Principles of Geochemistry
	Geosc 519	Mineral Equilibria	Geosc 542	Quantitative Methods in Hydrogeology
	Geosc 548	Surface Processes		
	Geosc 585	Sedimentary Geology		
Data Gathering and Interpretation	Geosc 413W	Techniques in Environmental Geochemistry	Geosc 410	Marine Biogeochemistry
	Geosc 558	Multi-Channel Seismic Processing	Geosc 483	Environmental Geophysics
			Geosc 508	Mechanics of Earthquakes and Faulting
			Geosc 565	Tectonic Geomorphology
			Geosc 572	Field Stratigraphy
Quantitative Analysis	Geosc 597	Multivariate Analyses in Geosciences	Geosc 514	Data Inversion in Earth Sciences
	E MCH 524	Mathematical Methods in Engineering	Geosc 560	Kinetics of Geological Processes
	MNG 557	Computational Geomechanics	Geosc 561	Mathematical Modeling in Geosciences
			Geosc 597	Data Analysis in the Earth Sciences
			PNG 425	Well Test Analysis