

## CURRICULUM SHEET FOR SEMESTER CONVERSION

<b>Program Name: Geology MS</b>		
<b>Total Units: 30</b>		
<b>Program Core – Units: 6</b>		
<b>Course Number</b>	<b>Title</b>	<b>Units (lecture/lab)</b>
GSC 4100	Presentation, Writing and Research Skills in the Geosciences	2
GSC 5010	Advanced Topics in Geosciences	2
GSC 5030L	Field Investigations Laboratory	1
GSC 6930	Master's Thesis Proposal	1
<b>Program Capstone – Units: 5</b>		
<b>Course Number</b>	<b>Title</b>	<b>Units (lecture/lab)</b>
GSC 6940	Master's Thesis Research	1-3
GSC 6960	Master's Degree Thesis	2
<b>Restrictive Elective Courses – Units: 19; 12 of these units must be 5000 level</b>		
<b>Course Number</b>	<b>Title</b>	<b>Units (lecture/lab)</b>
GSC 4010/L	GIS Applications for Earth and Environmental Scientists /Laboratory	1/2
GSC 4150/L	Engineering Geology II /Lab	2/1
GSC 4230/L	Sedimentary Geology /Laboratory	2/1
GSC 4240/L	Igneous and Metamorphic Petrology /Laboratory	2/2
GSC 4320/L	Soil Physics	2/1
GSC 4340/L	Shallow Subsurface Geophysics /lab	2/1
GSC 4440/L	Tectonics/Laboratory	2/1
GSC 4500/L	Introduction to Seismology, Earthquakes and Earth Structure /Laboratory	2/1
GSC 4700/L	Volcanology /Laboratory	2/1
GSC 4800/	Quantitative and Computer Skills in Geosciences	3
GSC 4910L	Field Module	1-2
GSC 4950	Planetary Science	3
GSC 4990/L/A	Special Topics for Upper Division Students /Laboratory/Activity	1-3
GSC 5330/L	Advanced Topics in Structural Geology/Tectonics /Laboratory	2/1
GSC 5340/L	Quaternary Geology /Laboratory	2/1
GSC 5450/L	Advanced Hydrogeology/Laboratory	2/1
GSC 5510/L	Petroleum Geology /Laboratory	2/1
GSC 5640/L	Advanced Shallow Subsurface Geophysics /Laboratory	2/1
GSC 5680/L	Topics in Advanced Seismology /Laboratory	2/1
GSC 5850/L	Isotope Geochemistry /Laboratory	2/1
GSC 5950/L	Advanced Topics in Sedimentology / Stratigraphy/ Laboratory	2/1
GSC 5990/L/A	Special Topics for Graduate Students	1-3