

# BS in Geological Science to MS in Geological Science

## M.S. in Geological Sciences (<http://catalog.utep.edu/grad/college-of-science/earth-environmental-and-resource-sciences/geological-sciences-ms/>) / B.S. in Geological Sciences

Code	Title	Hours
GEOL 5101	Graduate Seminar	1
GEOL 5102		1
GEOL 5115	Selected Topics in Geol Scien	1
GEOL 5162	Directed Study in Geology	1
GEOL 5215	Selected Topics in Geol Scienc	2
GEOL 5262	Directed Study in Geology	2
GEOL 5289	Graduate Research in Geol Sci	2
GEOL 5303	Computer Appl in Earth Sci	3
GEOL 5307		3
GEOL 5308	Planetary Geology	3
GEOL 5309	Mineral Resrcs, Econ & Environ	3
GEOL 5310	Intro Entrepreneurial Geosci	3
GEOL 5311		3
GEOL 5315	Selected Topics-Geological Sci	3
GEOL 5317	Hydrogeology	3
GEOL 5318	Petroleum Geology	3
GEOL 5320	Environmental Tracers in Water	3
GEOL 5321	Introduction to GIST	3
GEOL 5322	Advanced GIST	3
GEOL 5323	Spat Analysis Earth/Env Sci	3
GEOL 5324	Machine Learning in Geoscience	3
GEOL 5343	Isotope Geology	3
GEOL 5344	Advanced Petrology	3
GEOL 5345		3
GEOL 5348		3
GEOL 5362	Directed Study in Geology	3
GEOL 5363	Sandstone Petrography	3
GEOL 5364	Sedimentary Depositional Envir	3
GEOL 5365	Basin Analysis	3
GEOL 5375	Quantit Techniq Geological Sci	3
GEOL 5376	Low Temperature Geochemistry	3
GEOL 5378	Global Biochemical Cycles	3
GEOL 5379		3
GEOL 5381	Paleoclimatology	3
GEOL 5384		3
GEOL 5387		3
GEOL 5389	Graduate Research in Geol Sci	3
GEOL 5392		3
GEOL 5397	Geol/Mineral Resources Mexico	3
GEOL 5401	Fundamentals of Earth Science	4
GEOL 5402	Fundmtls/Fld Meth in Earth Sci	4
GEOP 5163	Directed Study in Geophysics	1
GEOP 5263	Directed Study in Geophysics	2
GEOP 5306	Atmospheric Processes	3

GEOP 5335	Intro to Remote Sensing	3
GEOP 5336	Digital Image Processing	3
GEOP 5352	Geophysical Inverse Theory	3
GEOP 5353	Reflection Seismic Data Proces	3
GEOP 5354	Seismology	3
GEOP 5356	Topics in Geophysics	3
GEOP 5357	Well Logging	3
GEOP 5361	Plate Tectonics	3
GEOP 5362		3
GEOP 5363	Directed Study in Geophysics	3
GEOP 5364		3
GEOP 5460	Geop App-Digital Signal Proces	4