

GEODETIC SCIENCE Graduate Program; GS Faculty Course Schedule for 2016 - 2019

Course Number	Course Name (credits)	Instructor	2016		2017		2018		2019	
			Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall
GEOD SCIM										
5636	Geovisualization Geometry: Map Projections and more (4)	Saalfeld	•	•		•		•		•
5637	Topics in Mapping (3)	Saalfeld			•		•		•	
5652	Adjustment Computations (5)	Schaffrin		•		•		•		•
5660	Geometric Reference Systems (4)	Jekeli		•		•		•		•
5781	Geodesy and Geodynamics* (3)	Bevis				•				•
6776	Physical Geodesy* (4)	Jekeli	•				•			
6777	Satellite Geodesy* (3)	Shum				•				•
6786	Geospatial Data Structures for Computer Mapping and GIS (3)	Saalfeld		•		•		•		•
7745	Inertial Navigation/Positioning and Analysis* (4)	Jekeli	•				•			
7763	Advanced Adjustment Computations (4)	Schaffrin		•		•		•		•
7765	Analysis and Design of Geodetic Networks* (2)	Schaffrin			•				•	
7837	Computational Cartography* (4)	Saalfeld			•				•	
8862	Adjustment Computations for Random Processes* (2)	Schaffrin	•				•			
8871	Advanced Physical Geodesy* (3)	Jekeli			•				•	
8873	Advanced Satellite Geodesy* (3)	Shum					•			
8875	Spectral Methods in Geodesy* (3)	Jekeli			•				•	
EARTH SCI										
1911	Climate Change: Mechanisms, Impacts, and Mitigation (4)	Bevis		•		•		•		•
4310	Remote Sensing in the Earth Sciences (3)	Shum		•		•		•		•
5641	Geostatistics (3)	Jekeli		•		•		•		•
5646	Geodynamics* (3)	Bevis		•				•		

NOTES

* = course offered every other year

ALL course offerings subject to cancellation if insufficiently enrolled (>= 5000 course: min = 6)