

EARTH AND SPACE SCIENCES

Courses offered Spring 2010

Draft - subject to change

FACULTY	COURSE #	COURSE NAME, (CREDITS), AREA OF KNOWLEDGE	PREREQUISITES
Swanson	101	Introduction to Geological Sciences (5) NW	Not open for credit to students who have taken ESS 102 or ESS 210
Bergantz	106	Living with Volcanoes	
Houston/Vidale	202	Earthquakes (5) NW	Open to non-science majors
Holzworth	205	Access to Space (5) NW	Open to all disciplines. No previous experience of electronics required
Brown	210	Physical Geology (5) NW	Not open for credit to students who have taken ESS 101.
Nesbitt	213	Evolution of the Earth (5) NW	ESS 211
Nelson/Stone	312	Geochemistry (5) NW	CHEM 142; either MATH 125 or Q SCI 292; ESS 212
Gillespie	422	Intermediate Spectral Remote Sensing (4) NW	ESS 421
Montgomery	426	Fluvial Geomorphology (5) NW	either ESS 311 or ESS 326
TBA	454	Hydrogeology (3) NW	ESS 311
Ward	451	Invertebrate Paleontology (5) NW (joint w/BIOL 451)	
Sidor	452	Vertebrate Paleontology (4) NW (joint w/BIOL 450)	either BIOL 452 BIOL 453 or ESS 100
Steig	459	Environmental Isotope Geology (3) NW	ESS 312
Bachmann	462	Volcanic Processes (4) NW	either ESS 311 or ESS 312
Harnett	495	NASA Science and Engineering Research Seminar (1cr, max. 4) NW	credit/no credit only
Roe	514	Geophysics: Fluids (3)	PHYS 322; MATH 307 and MATH 308 or equivalent
Wilcock	522	Geophysical Data Collection and Analysis (3)	
Sachs/Steig	554	Paleoclimate Proxies (3) (joint w/ ATM S and OCEAN 554)	
Creager	564	Theoretical Seismology II (3)	ESS 563
Houston	562	Observational Seismology (1)	either ESS 412 or ESS 512 or permission of instructor
Houze	573	Cloud Microphysics and Dynamics (3) [jointw/ ATM S 535]	
Steig	589	Paleoclimatology: Data, Modeling, and Theory (3) joint w/ATM S/OCEAN 589	
Waddington	590	Heat and Mass Flow Modeling	
Booker	594	Introduction to earth and Space Sciences Research (1-2, max.4)	
Holzworth	595	Earth and Space Sciences Research Methods (2, max 30)	