



Program/Major or Minor/Concentration Revision Form

(07/2004)

1.0 Degree Title Specify the two degrees for concurrent degree programs	2.0 Administering Faculty/Unit	
1.1 Major (Legacy= Subject) (30-char. max.)	Offering Faculty/Department	
1.3 Minor (with Concentration, if applicable) (30 char. max.)	4.0 Existing Credit Weight	Proposed Credit Weight
1.4 Category		



Major Earth System Science (Complementary Courses Continued)

ATOC 215 (3) Oceans, Weather and Climate
ATOC 309 (3) Weather Radars and Satellites
ATOC 315 (3) Thermodynamics and Convection
ATOC 412 (3) Atmospheric Dynamics
ATOC 419 (3) Advances in Chemistry of Atmosphere
ATOC 512 (3) Atmospheric and Oceanic Dynamics
ATOC 513 (3) Waves and Stability
[ATOC 515 \(3\) Turbulence in Atmosphere and Oceans](#)
[ATOC 521 \(3\) Cloud Physics](#)
[ATOC 525 \(3\) Atmospheric Radiation](#)
ATOC 530 (3) Paleoclimate Dynamics
ATOC 531 (3) Dynamics of Current Climates
ATOC 540 (3) Synoptic Meteorology 1
ATOC 541 (3) Synoptic Meteorology 2
BIOL 308 (3) Ecological Dynamics
BIOL 309 (3) Mathematical Models in Biology
[BIOL 310 \(3\) Biodiversity and Ecosystems](#)
BIOL 432 (3) Limnology
BIOL 434 (3) Theoretical Ecology
BIOL 441 (3) Biological Oceanography
BIOL 465 (3) Conservation Biology
BIOL 540 (3) Ecology of Species Invasions
[BIOL 573 \(3\) Vertebrate Palaeontology Field Course](#)
[BREE 217 \(3\) Hydrology and Water Resources](#)
BREE 319 (3) Engineering Mathematics
[BREE 509 \(3\) Hydrologic Systems and Modelling](#)
[BREE 510 \(3\) Watershed Systems Management](#)
[BREE 515 \(3\) Soil Hydrologic Modelling](#)
[BREE 533 \(3\) Water Quality Management](#)
ECON 347 (3) Economics of Climate Change
ECON 405 (3) Natural Resource Economics
EPSC 212 (3) Introductory Petrology
EPSC 312 (3) Spectroscopy of Minerals
EPSC 320 (3) Elementary Earth Physics
EPSC 330 (3) Earthquakes and Earth Structure
EPSC 331 (3) Field School 2
[EPSC 340 \(3\) Earth and Planetary Inference](#)
EPSC 334 (3) Invertebrate Paleontology
EPSC 341 (3) Field School 3
EPSC 350 (3) Tectonics
EPSC 423 (3) Igneous Petrology
EPSC 425 (3) Sediments to Sequences
EPSC 445 (3) Metamorphic Petrology
EPSC 452 (3) Mineral Deposits
EPSC 455 (3) Sedimentary Geology
EPSC 519 (3) Isotope Geology
EPSC 530 (3) Volcanology
EPSC 542 (3) Chemical Oceanography
EPSC 549 (3) Hydrogeology
[EPSC 561 \(3\) Ore-forming Processes 1](#)
EPSC 580 (3) Aqueous Geochemistry
EPSC 590 (3) Applied Geochemistry Seminar
GEOG 272 (3) Earth's Changing Surface
GEOG 305 (3) Soils and Environment
GEOG 307 (3) Socioeconomic Applications of GIS
GEOG 321 (3) Climatic Environments
GEOG 322 (3) Environmental Hydrology
GEOG 350 (3) Ecological Biogeography
GEOG 351 (3) Quantitative Methods
GEOG 372 (3) Running Water Environments

See attached



