

The following are options for the Additional Physical Science requirement of the Ecology and Evolutionary Biology B.S. degree. Be sure to check that you have the pre-requisites for the course before enrolling, as they all vary greatly.

ASM 404: Irrigation Principles and Management

ATMO 171: Introduction to Meteorology and Climatology

ATMO 350: Atmospheric Measurements

ATMO 490: Remote Sensing for the Study of Planet Earth

CHEM 322: Principles of Analysis 1

CHEM 323: Principles of Analysis 1 Laboratory

CHEM 325: Analytical Chemistry

CHEM 326: Analytical Chemistry Laboratory

CHEM 400A: Chemical Measurements Laboratory

CHEM 400B: Chemical Measurements Laboratory

CHEM 401A: Instrumental Analysis

CHEM 405: Chemical Safety

CHEM 412: Inorganic Preparation

CHEM 432A: Chemical Characterization for Cultural Material

CHEM 446: Organic Preparations

CHEM 447: Organic Structural Analysis Laboratory

CHEM 480A: Physical Chemistry

CHEM 480B: Physical Chemistry

CSC 127A: Introduction to Computer Science

CSC 127B: Introduction to Computer Science

CSC 227: Program Design and Development

CSC 252: Computer Organization

CSC 335: Object-Oriented Programming and Design

CSC 345: Analysis of Discrete Structures

CSC 352: Systems Programming and Unix

ECOL 230: Natural History of the Southwest

ECOL 412A: Ocean Sciences

GEN 330: Introduction to Remote Sensing

GEN 490: Remote Sensing for the Study of Planet Earth

GEOG 330: Introduction to Remote Sensing

GEOG 357: Geographical Research Methods

GEOG 371: Principles and Practices of Regional Development

GEOG 403: Applications of Geographic Information Systems

GEOG 416A: Computer Cartography

GEOG 416C: Urban Geographic Information Systems

GEOG 416E: Geovisualization (GIS)

GEOG 417: Geographic Information Systems for Natural and Social Sciences

GEOG 419: Cartographic Modeling for Natural Resources

GEOG 420: Advanced Geographic Information Systems

GEOG 422: Resource Mapping

GEOG 424: Integrated Geographic Information Systems

GEOG 430: The Climate System

GEOG 446: Health and the Global Economy

GEOG 447: Global and Regional Climatology

GEOG 461: Environmental and Resource Geography

GEOG 483: Geographic Applications of Remote Sensing

GEOG 490: Remote Sensing for the Study of Planet Earth

GEOS 210: Environmental Geology

GEOS 212: Introduction to Oceanography

GEOS 251: Physical Geology

GEOS 308: Paleontology

GEOS 330: Introduction to Remote Sensing

GEOS 412A: Ocean Sciences

GEOS 447: Global and Regional Climatology

GEOS 462: Introduction to Quarternary Ecology

GEOS 478: Global Change

GEOS 481: Quaternary Palynology and Plant Macrofossils

GEOS 490: Remote Sensing for the Study of the Planet

GWS 446: Health and the Global Economy

HWRS 250: Principles of Hydrology

HWRS 415: Introduction to Water Resource Policy

HWRS 461: Environmental and Resource Geography

HWRS 490: Remote Sensing for the Study of Planet Earth

LAS 461: Environmental and Resource Geography

MATH 215: Introduction to Linear Algebra

MATH 223: Vector Calculus

MATH 243: Discrete Mathematics in Computer Science

MATH 250A: Calculus and Differential Equations 1

MATH 250B: Calculus and Differential Equations 2

MATH 254: Introduction to Ordinary Differential Equations

MATH 323: Formal Mathematical Reasoning and Writing

MATH 355: Analysis of Ordinary Differential Equations

MNE 490: Remote Sensing for the Study of Planet Earth

OPTI 490: Remote Sensing for the Study of Planet Earth

PHYS 204: Mathematical Techniques in Physics

PHYS 305: Computational Physics

PHYS 320: Optics

PHYS 439: Physics Teaching Methods

PLG 461: Environmental and Resource Geography

PLG 483: Geographic Applications of Remote Sensing

PTY5 403: Physics of the Solar System

PTY5 407: Chemistry of the Solar System

PTY5 411: Geology and Geophysics of the Solar System

REM 490: Remote Sensing for the Study of Planet Earth

RNR 321: Natural Resources Measurements

RNR 384: Natural Resources Management Practices

RNR 403: Applications of Geographic Information Systems

RNR 416A: Computer Cartography

RNR 416C: Urban Geographic Information Systems

RNR 416E: Geovisualization (GIS)

RNR 417: Geographic Information Systems for Natural and Social Sciences

RNR 419: Cartographic Modeling for Natural Resources

RNR 420: Advanced Geographic Information Systems

RNR 422: Resource Mapping

RNR 483: Geographic Applications of Remote Sensing

RNR 490: Remote Sensing for the Study of Planet Earth

SWES 200: Soils

SWES 201: Soils Laboratory

SWES 305: Pollution Science

SWES 330: Introduction to Remote Sensing

SWES 401: Sustainable Management of Arid Lands & Salt-Affected Soils

SWES 404: Irrigation Principles and Management

SWES 483: Geographic Applications of Remote Sensing

SWES 490: Remote Sensing for the Study of Planet Earth

WSM 330: Introduction to Remote Sensing