

Physical Science Offerings

Courses marked with an asterisk (*) are available to satisfy the requirement, but you are unlikely to meet the pre-requisites.

FALL OPTIONS

ASTR 203 – Stars
ECOL 447 – Theoretical Ecology
ENVS 200 – Intro Soil Science
ENVS 201 – Soils Lab
ENVS 340 – Environmental Chemistry
GEOS 251 – Physical Geology
GEOS 478 – Global Change
GEOS 212 – Intro to Oceanography
HWRS 350 – Principles of Hydrology
RNR 321 – Ecological Surveys and Sampling

SPRING OPTIONS

ASM 404 – Irrigation Principles & Management
CHEM 405A – Basic Lab Safety
CSC 250 – Essential Computing for the Sciences
ECOL 480 – Mathematical Models in Biology
GEOG 430 – The Climate System
GEOS 308 – Paleontology
GEOS 412A – Ocean Sciences

The courses listed below are available to satisfy this requirement, but our majors don't typically meet the pre-requisites.

FALL OFFERINGS

CHEM 325 – Analytical CHEM*
CHEM 400A – CHEM Measurements Lab*
CHEM 412 – Inorganic Prep*
CHEM 446 – Organic Prep*
CHEM 480A – Physical CHEM*
CHEM 480B – Physical CHEM*
CSC 252 – Computer Organization*
CSC 335 – Object-Oriented Programming & Design*
CSC 435 – Analysis of Discrete Structures*
CSC 352 – Systems Programming & Unix*
GEOG 330 – Introduction to Remote Sensing*
GEOG 357 – Geographical Research Methods*
GEOG 371 – Principles & Practices of Regional Development*
GEOG 416A – Computer Cartography*
GEOG 416C – Urban Geographic Information Systems*
GEOG 416E – Geovisualization (GIS)*
MATH 223 – Vector Calculus*

MATH 243 – Discrete Math in Computer Science*
MATH 254 – Intro to Ordinary Differential Equations*
MATH 323 – Formal Math Reasoning & Writing*
MATH 355 – Analysis of Ordinary Differential Equations*
PHYS 204 – Math Techniques in Physics*
PHYS 305 – Computational Physics*
PHYS 320 – Optics*
PTYS 407 – Chemistry of the Solar System*
REM 490 – Remote Sensing for the Study of Planet Earth*
RNR 417 – Geographic Information Systems for Natural & Social Sciences*
RNR 419 – Cartographic Modeling for Natural Resources*

SPRING OFFERINGS

CHEM 400B – Chemical Measurements Laboratory*
CHEM 401A – Instrumental Analysis*
CHEM 447 – Organic Structural Analysis Laboratory*
ENVS 305 – Pollution Science*
ENVS 401 – Sustainable Management of Arid Lands & Salt-Affected Soils*
GEOG 483 – Geographic Applications of Remote Sensing*
PTYS 403 – Physics of the Solar System*
RNR 384 – Natural Resources Management Practices*
RNR 403 – Applications of Geographic Information Systems*
RNR 420 – Advanced Geographic Information Systems*