



Pittsburg State University
College of Arts and Sciences Program Guide

Department: Physics

Minors

As of Fall 2014

Minor in Earth and Space Science

Topics courses: PHYS 540, PHYS 541 and PHYS 542 may be repeated if topic is different.

Earth and Space Science Minor (22 hours)

PHYS 160: Physical Geology	3
and PHYS 165: Physical Geology Laboratory	1
PHYS 166: Meteorology	3
and PHYS 167: Meteorology Laboratory	1
PHYS 175: Descriptive Astronomy	3
or PHYS 375: Solar System Astronomy	3
and PHYS 176: Astronomy Laboratory	1

An additional 10 hours from any of the following courses (when not used as part of the core)

BIOL 304: Soils Ecology	3
BIOL 330: Principles of Ecology.	3
BIOL 515: Stream Ecology	3
BIOL 537: Regional Natural History	3
PHYS 175: Descriptive Astronomy	3
PHYS 375: Solar System Astronomy	3
PHYS 540: Topics in Physics (____)	1-3
PHYS 541: Topics in Astronomy (____)	1-3
PHYS 542: Topics in Earth Science (____)	1-3
PHYS 575: Introductory Astrophysics	3
GEOG 302: Introduction to Environmental Geography	3
GEOG 303: Geographic Information Systems I	4
GEOG 403: Geographic Information Systems II	4
GEOG 502: Global Environmental Change	3
GEOG 508: Geography of Hazards and Disasters	3

Notes

NOTE: The information contained herein is intended to be used for the planning of a student's academic program and does not constitute a contract. While this guide was prepared with the latest information, courses, graduation requirements, and curricula are subject to change.

When a student attains 85 semester hours of credit (including current enrollment) the student must apply for a degree check in the Office of the Registrar (Degree Checking Section), Room 102 Russ Hall.

MINIMUM GENERAL REQUIREMENTS: The minimum requirements for graduation include 124 semester hours of which 60 hours must be from a four year university. In addition, 45 semester hours must be upper division and 30 hours in residence at PSU (including 24 of the last 30). Minimum GPA for non-education degree is 2.0 overall [2.0 in major], secondary education degree is 2.5 overall [2.75 in major], and early/late childhood/unified degree is 2.80 overall [3.0 in major]. A minimum GPA of 2.0 in any minor and in residence coursework is required. General Education and all degree requirements are provided in the online catalog. Refer to individual departments for specific requirements.