ENVIRONMENTAL GEOSCIENCES - MINOR

The purpose of the Environmental Geosciences minor is to study the environmental impacts on the different earth systems.

Students in the Environmental Programs are not allowed to declare Environmental Geosciences as a minor.

Students of other disciplines choosing to complete a minor in Environmental Geosciences must meet the following requirements:

- A minimum of 6 hours must be taken in residence at either Texas A&M University/College Station or Galveston.
- A minimum cumulative GPR of 2.0 must be achieved for all courses in the minor.
- Take a minimum of 15 hours of coursework in the College of Geosciences, of which 3 hours of GEOS 105 is required.
- The remaining 12 hours must include at least 3 hours of 400-level coursework and another 3 hours of upper-level (300- or 400-level) coursework from the list.
- Students with majors in the College of Geosciences must select only courses outside of their home department.

Program Requirements

Some of the courses have prerequisites so make sure to check the catalog before enrolling in the course.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Semester Credit Hours</th>
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<tbody>
<tr>
<td>GEOS 105</td>
<td>Introduction to Environmental Geoscience</td>
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Select remaining courses from at least three of the following five groups. ¹

**Group 1**

- ATMO 326 Environmental Atmospheric Science
- ATMO 363 Introduction to Atmospheric Chemistry and Air Pollution
- ATMO 463 Air Quality
- ATMO 464 Laboratory Methods in Atmospheric Sciences

**Group 2**

- GEOG 205 Environmental Change
- GEOG 309 Geography of Energy
- GEOG 330 Resources and the Environment
- GEOG 380 Workshop in Environmental Studies
- GEOG 430 Environmental Justice
- GEOG 467 Dynamic Modeling of Earth and Environmental Systems

**Group 3**

- GEOL 410 Hydrogeology
- GEOL 420 Environmental Geology
- GEOL 451 Introduction to Geochemistry

**Group 4**

- GEOS 210 Climate Change

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GEOS 410 Global Change
GEOS 430 Global Science and Policy Making
GEOS 444 The Science and Politics of Global Climate Change

**Group 5**

- OCNG 350 Marine Pollution
- OCNG 420 Biological Oceanography
- OCNG 440 Chemical Oceanography

Total Semester Credit Hours: 15

¹ At least 6 hours must be upper level, 3 of which must be 400 level.

ENGS and ENST majors may not select this minor.