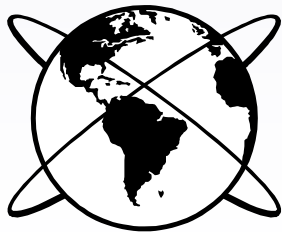
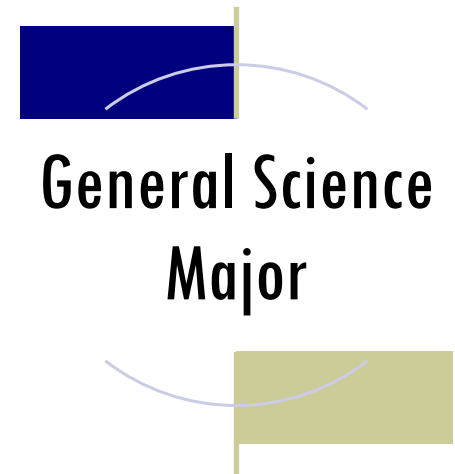


## What can I do with a General Science Major?

*General Science can work for many career interests. It can be an appropriate major for students interested in health-related careers (including medicine, dentistry, physical therapy, occupational therapy, and medical technology). Pre-engineering students have used the major to gain a broader scientific background than is provided in traditional pre-engineering programs in chemistry or physics. General Science may be particularly useful to students whose scientific interests do not fit well within a single discipline. The neurosciences, environmental sciences, and biophysical sciences are examples of such cross disciplinary areas. The major also works well for students who want to teach elementary school or middle school science.*



If you have any questions please call the UO  
Adviser in Central Oregon at 617-4660



## General Science Major

University of Oregon

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### University of Oregon

Chandler Building  
1027 NW Trenton  
Bend, OR 97701

Phone: 541-617-4660  
Fax: 541-617-4664  
Email: [dpritch@darkwing.uoregon.edu](mailto:dpritch@darkwing.uoregon.edu)



## What are the Requirements for the General Science Major?

The General Science major requirements include both lower division and upper division courses, with upper division course work building on the foundations established at the lower division level. All courses for the major must be passed with a C-minus/Pass or better grades.

Students must also remember that they are responsible for the requirements of the University. Transfer students with an AAOT will satisfy the general education (Group I,II,II) requirements of the UO. When students are working toward their AAOT they will want to incorporate the lower division requirements required by the General Science Major. These are listed below:

### Lower Division Requirements

Mathematics:

**MATH** 251 \_\_\_ 252 \_\_\_

Lower Division Sequence Requirements:

\*Three sequences in three different sciences, two which must include labs:

**BIOLOGY** 211 \_\_\_ 212 \_\_\_ 213 \_\_\_

**CHEMISTRY** 221 \_\_\_ 222 \_\_\_ 223 \_\_\_

**GEOLOGY** 201 \_\_\_ 202 \_\_\_ 203 \_\_\_

**PHYSICS** 201 \_\_\_ 202 \_\_\_ 203 \_\_\_

**PHYSICS** 211 \_\_\_ 212 \_\_\_ 213 \_\_\_

## Upper Division Requirements

Minimum Requirements:

1. At least 32 credits in approved science courses numbered 300 and above; 24 of which are graded. The remaining credits may be taken P/NP.
2. Of the 32 upper division credits. Seminars, readings & conferences and practicums may not be used to meet this requirement.
3. Emphasis Area Requirement: At least twelve upper division credits must be in one field and at twelve in a second field. Remaining upper division courses may be distributed in approved science courses as desired.
4. Only grades of C minus/P or higher will count.
5. Students must complete 24 credits of upper division science at the University of Oregon (Eugene or Bend) to meet the General Science major residency requirements.
6. Upper division credits used to satisfy minimum requirements of another major may not be used to satisfy the upper division requirements in General Science.



## Courses Available in Bend

BI 320: Genetics

BI 330/331: Microbiology

BI 360: Neurobiology

BI 370: Ecology

BI 380: Evolution

BI 390: Animal Behavior

CH 331/337: Organic Chemistry I & Lab

CH 335/338: Organic Chemistry II & Lab

CH 336: Organic Chemistry III

CH 360: Biochemistry

GEOL 306: Volcanoes & Earthquakes

GEOL 307: Oceanography

GEOL 308: Geology of Oregon & the Pacific Northwest

GEOL 310: Earth Resources and the Environment

GEOL 311: Earth Materials

GEOL 353: Geologic Hazards

MATH 315: Elementary Analysis

MATH 341/342: Linear Algebra

MATH 346: Number Theory

MATH 391/392/393: Abstract Algebra

MATH 394/395: Geometries from an Advance Viewpoint

MATH 420/421/422: Differential Equations & Fourier Series

MATH 425: Statistics

PSY 302: Statistical Methods in Psychology

PSY 304: Biopsychology

PSY 450: Hormones & Behavior