

EARTH SCIENCE PRE-MAJOR

Department Chair: Chad Landrie, 847.376.7439, clandrie@oakton.edu

The following pre-major is recommended for students who are considering completing a Bachelor's degree in Earth Science after transferring to a four-year institution. It is designed for students who have not decided upon a specific four-year college or university. Once a transfer school is selected, students are strongly encouraged to consult the Office of Advising, Transitions, and Student Success and the transfer institution's catalog to select courses that will meet both Oakton and transfer institution requirements.

For more information on course selection or program-specific advising, contact the department chair. Part time students should also consult the Office of Advising, Transitions, and Student Success for part-time pre-major recommendations. **General Education courses should be selected from the list of IAI General Education Courses.**

| First Year | | |
|---|--|--------------|
| Semester One | | Hours |
| EGL 101 | Composition I | 3 |
| MAT 250 | Calculus I | 5 |
| EAS 101 | Physical Geology | 4 |
| BIO 106 | Introduction to Environmental Science ¹ | 4 |
| Hours | | 16 |
| Semester Two | | |
| EGL 102 | Composition II | 3 |
| MAT 251 | Calculus II | 4 |
| CHM 121 | General College Chemistry I | 4 |
| Select one of the following: | | 3 |
| SOC 101 | Introduction to Sociology ² | |
| SOC 103 | Social Problems ³ | |
| SOC 232 | Sociology of Race and Ethnicity ² | |
| SSC 105 | Introduction to Ethnic Studies ² | |
| Select one Fine Arts course | | 3 |
| Hours | | 17 |
| Second Year | | |
| Semester One | | |
| SPE 103 | Effective Speech | 3 |
| CHM 122 | General College Chemistry II | 4 |
| PHY 131 or PHY 221 | College Physics I ⁴ or General Physics I | 4-5 |
| Select one of the following: | | 3 |
| ANT 102 | Introduction to Social and Cultural Anthropology ¹ | |
| ANT 103 | Introduction to Archaeology | |
| ANT 104 | Introduction to Physical Anthropology | |
| GEG 120 | World Regional Geography ¹ | |
| SSC 201 | Introduction to Global Studies ¹ | |
| HIS 140 | History of Contemporary Non-Western Civilizations ¹ | |
| Hours | | 14-15 |
| Semester Two | | |
| EAS 102 | Historical Geology | 4 |
| PHY 132 or PHY 222 | College Physics II ⁴ or General Physics II | 4-5 |
| Select one of the following major electives: ⁴ | | 3-5 |
| EAS 105 | Introduction to Weather and Climate | |
| EAS 121 | Physical Geography | |
| EAS 125 | A Survey of Oceanography | |
| EAS 190 | Geographic Information Systems I | |
| CHM 207 | Elementary Organic Chemistry ⁵ | |

| | |
|---|--------------|
| Select one Modern Language (202 ¹ or higher) ⁶ or Humanities course | 3-4 |
| Hours | 14-18 |
| Total Hours | 61-66 |

- ¹ Course fulfills the Global Studies Requirement. At least one Global Studies course is required for degree completion.
- ² Course fulfills the U.S. Diversity Requirement. At least one U.S. Diversity course is required for degree completion.
- ³ Course fulfills both the Global Studies and U.S. Diversity Studies requirements.
- ⁴ Students taking PHY 131 and PHY 132 must take a minimum of four credit hours of major electives.
- ⁵ Check with transfer institution to see if this is a required course.
- ⁶ Transfer institutions may have a language requirement. Any Modern Language Intermediate II course can meet the Humanities and Global Studies requirements.

Note: Pre-major is a recommended sequence and selection of courses. See Associate in Science (A.S.) page for degree requirements.