

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.**

Course	Title	Hours
First Year		
Semester One		
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 (202¹ or higher)⁶ or Humanities course

3-4

Hours	14-18
Total Hours	61-66

- Course fulfills the Global Studies Requirement. At least one Global Studies course is required for degree completion.
- Course fulfills the U.S. Diversity Requirement. At least one U.S. Diversity course is required for degree completion.
- Course fulfills both, the Global Studies and U.S. Diversity Requirements.
- Students taking PHY 131 and PHY 132 must take a minimum of four credit hours of major electives.
- Check with transfer institution to see if this is a required course.
- 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.