

**Earth Sciences Major (Geological Sciences track), Bachelor of Science
Sample Three-Year Graduation Projection**

Autumn Semester		Spring Semester	
Earth Science 1121	(4)	Earth Science 1122	(4)
Math 1152	(5)	Chemistry 1220 or Physics 1251	(5)
Spanish 1103.011	(4)	Math 2153	(5)
Arts and Sciences 1100	(1)	Social Science (with US Social Diversity)	(3)

Autumn Semester		Spring Semester	
Earth Science 4421 (Session 1)	(3)	Earth Science 2245	(4)
Earth Science 4523 (Session 2)	(3)	Earth Science 4501	(4)
Earth Science 4502	(4)	Earth Science 4530	(4)
Second Writing Course	(3)	Supporting science (pre-req)	(3-5)
Visual/Performing Arts (with Global Studies)	(3)		

Summer Term	
Earth Science 5189.01	(3)
Earth Science 5189.02	(3)

Autumn Semester		Spring Semester	
Earth Science – 4/5xxx elective	(3)	Earth Science – 4/5xxx elective	(3)
Literature	(3)	Earth Science 4999	(1)
Historical Study	(3)	Cultures and Ideas/Historical Study	(3)
Social Science (with Global Studies)	(3)	Elective	(3)
(Research for thesis)		Elective	(3)

Credit by Examination upon Entry as a Freshman (earned through qualifying scores on appropriate Advanced Placement Exams)*:

<u>OSU Course</u>	<u>Course Title</u>	<u>Credits</u>
Biology 1113	Biological Sciences: Energy Transfer and Development	4
Chemistry 1210	General Chemistry I	5
English 1110.01	First-Year English Composition	3
Mathematics 1151	Calculus I	5
Physics 1250	Mechanics, Thermal Physics, Waves	<u>5</u>
		22

Credit by Examination upon Entry as a Freshman (earned through qualifying scores on appropriate OSU Placement Exams):

<u>OSU Course</u>	<u>Course Title</u>	<u>Credits</u>
Spanish 1101.01	Spanish I	4
Spanish 1102.01	Spanish II	<u>4</u>
		8

*Credit for qualifying AP scores is determined by the appropriate academic departments. Departments may assign varied course credit, depending on the student's score on an exam. See http://registrar.osu.edu/testing/em_brochure_current.pdf for more detailed information about the current OSU course equivalencies associated with specific scores on particular AP exams.

Application of Student's Examination Credit to the Curricular Requirements for the Bachelor of Science

GENERAL EDUCATION PROGRAM

Writing (6 credits)

- (1) English 1110 (3 credits)

English 1110.01

- (2) Second Course (3 credits)

Literature (3 credits)

Visual and Performing Arts (3 credits)

Mathematics (3-5 credits)

- (1) Basic Computational Skills

Mathematics 1151

- (2) Mathematics or Logical Skills

Mathematics 1151

Data Analysis (3 credits)

Natural Science (10 credits)

- (1) Biological Science

Biology 1113

- (2) Physical Science

Chemistry 1210

Physics 1250

Laboratory Requirements

Chemistry 1210

Physics 1250

Historical Study (3 credits)

Social Science (6 credits)

- (1) Individuals and Groups

- (2) Organizations and Politics

- (3) Human, Natural, and Economic Resources

Cultures and Ideas or Historical Study (3 credits)

Open Options (6 credits)

Foreign Language Proficiency (0-12 credits)

1101

1102

1103

Social Diversity in the United States* * (1 course required)

Global Studies* * (2 courses required)

A MINIMUM OF 39 UPPER-DIVISION HOURS

A MINIMUM OF 121 DEGREE HOURS

* * Courses taken to fulfill this requirement can also be applied elsewhere in the General Education program or on the major. Credit for a course, however, can be counted only once toward the minimum hours for the degree.