

**Mathematics Major, Applied Track, Bachelor of Science  
Sample Three-Year Graduation Projection**

Autumn Semester	Spring Semester
Math 2153 (4)	Math 3345 (3)
Math 1295 (1)	Math 2255 (3)
Computer Science and Engineering 1222 or 1223 (3)	Math 2568 (3)
German 1103 (4)	Physics 1251 (5)
Second Writing Course (2367, with Social Diversity) (3)	
Arts and Sciences 1100 (1)	

Autumn Semester	Spring Semester
Math 3607 (3)	Math 4552 (3)
Social Science (3)	Statistics 4202 (4)
Statistics 4201 (4)	Math 4557 (3)
Biology 1113 or 1114 (4)	Literature (3)
	Historical Study (with Global Studies) (3)

Autumn Semester	Spring Semester
Math Elective (3)	Math Elective (3)
Applied Elective (4)	Applied Elective (4)
Visual/Performing Arts (3)	Social Science (3)
Cultures and Ideas/Historical Study (with Global Studies) (3)	Elective (3)
Elective (3)	Elective (1-3)

**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>
Chemistry 1210	General Chemistry	5
English 1110.01	First-Year English Composition	3
Mathematics 1151	Calculus I	5
Mathematics 1152	Calculus II	5
Physics 1250	Mechanics, Thermal Physics, Waves	5
		23

**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>
German 1101.01	German I	4
German 1102.01	German II	4
		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](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

**Biology 1113**

**Chemistry 1210**

### 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)

**Mathematics 1152**

### 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.