| 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) |  |


| Autumn Semester |  | Spring Semester |  |
| :--- | :---: | :--- | ---: |
| Earth Science 5651 | $(4)$ | Earth Science 2245 | $(4)$ |
| Outside Earth Sciences TBD | $(3)$ | Earth Sciences 4450 | $(3)$ |
| Earth Science 4502 | $(4)$ | Earth Science 5550 | $(4)$ |
| Second Writing Course | $(3)$ | Supporting science (pre-req) | $(3-5)$ |
| Visual/Performing Arts (with Global Studies) | $(3)$ | Literature | $(3)$ |


| Autumn Semester |  | Spring Semester |  |
| :--- | :---: | :--- | :---: |
| Earth Science - 4/5xxx elective | (3) | Earth Science $-4 / 5 x x x$ elective | $(3)$ |
| Earth Science 5191/4998/field course | $(3)$ | Earth Science 4999 | $(1)$ |
| Historical Study | $(3)$ | Cultures and Ideas/Historical Study | $(3)$ |
| Social Science (with Global Studies) | $(3)$ | Outside Earth Sciences TBD | $(3)$ |
| Elective | $(3)$ | Elective | $(3)$ |
| (Research for thesis) |  |  |  |

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

| OSU Course | Course Title | Credits |
| :--- | :--- | :---: |
|  | 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 | $\underline{5}$ |
|  |  | 22 |

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

| OSU Course | Course Title | Credits |
| :--- | :--- | :---: |
| Spanish 1101.01 | Spanish I | 4 |
| Spanish 1102.01 | Spanish II | $\underline{4}$ |
|  |  | 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 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)
$\qquad$
Literature (3 credits)
$\qquad$
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 Polities
(3) Human, Natural, and Economic Resources

Cultures and Ideas or Historical Study ( 3 credits)

Open Options ( 6 credits)
$\qquad$
$\qquad$

Foreign Language Proficiency (0-12 credits)

110111021103
Social Diversity in the United
States* * (1 course required)

Global Studies** (2 courses required)
$\qquad$
$\qquad$
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.

