

Critical requirements are boldface in shaded areas

| Course Subject and Title | Credit Hours | Upper Division | Min. Grade | Important Notes |
|---|--------------|----------------|------------|---|
| Semester One: [16 Credit Hours] | | | | |
| Students not placed into MATH 12002 (required in semester 3) should take MATH 11010 (LER course) in first year of study | | | | |
| BSCI 10110 Biological Diversity | 4 | | | Fulfills LER Basic Sciences |
| CHEM 10060 General Chemistry I | 4 | | | |
| CHEM 10062 General Chemistry I Laboratory | 1 | | | |
| ENG 11011 College Writing I <i>or</i> LER Humanities | 3 | | | Enrollment based on placement tests; ENG 11011 fulfills LER Composition. Visit www.kent.edu/catalog and search “LER” for course lists |
| US 10097 Destination Kent State: FYE | 1 | | | Not required for transfer students with 25 credits |
| LER Humanities or Fine Arts | 3 | | | Should fulfill diversity requirement; visit www.kent.edu/catalog and search “LER” and “diversity” for course lists |
| Semester Two: [15 Credit Hours] | | | | |
| BCSI 10120 Biological Foundations | 4 | | | Fulfills LER Basic Sciences |
| CHEM 10061 General Chemistry II | 4 | | | |
| CHEM 10063 General Chemistry II Laboratory | 1 | | | |
| LER Humanities <i>or</i> ENG 11011 College Writing I | 3 | | | Enrollment based on placement tests; ENG 11011 fulfills LER Composition. Visit www.kent.edu/catalog and search “LER” for course lists |
| LER Social Sciences | 3 | | | |
| Semester Three: [14-16 Credit Hours] | | | | |
| BSCI 30156 Elements of Genetics | 3 | ■ | | |
| CHEM 20481 Basic Organic Chemistry I <i>or</i> CHEM 30481 Organic Chemistry | 3-4 | | | |
| CHEM 30475 Organic Chemistry Laboratory I | 0-1 | | | CHEM 30475 is optional; if not taken, then CHEM 20482 or 30482 must be taken in semester 4 |
| ENG 21011 College Writing II <i>or</i> LER Fine Arts | 3 | | | ENG 21011 fulfills LER Composition. Visit www.kent.edu/catalog and search “LER” for course lists |
| MATH 12002 Analytic Geometry and Calculus I | 5 | | | Fulfills LER Mathematics and Critical Reasoning |
| Semester Four: [13-19 Credit Hours] | | | | |
| CHEM 20482 Basic Organic Chemistry II <i>or</i> CHEM 30482 Organic Chemistry II | 0-3 | | | One course is required if CHEM 30475 wasn't taken in semester 3 |
| MATH 12003 Analytic Geometry and Calculus II <i>or</i> MATH 30011 Basic Probability and Statistics | 3-5 | ■ | | |
| Zoology Core Courses | 7-8 | ■ | | See note 1 on page 2 |
| LER Fine Arts <i>or</i> ENG 21011 College Writing II | 3 | | | ENG 21011 fulfills LER Composition. Visit www.kent.edu/catalog and search “LER” for course lists |
| Semester Five: [16-18 Credit Hours] | | | | |
| BSCI 40600 Writing in Biological Sciences | 1 | ■ | C | Fulfills writing-intensive course requirement |
| Foreign Language (Elementary I) | 4-5 | | | |
| BSCI and/or CHEM and/or PHY electives | 7-8 | | | See note 2 on page 2 |
| Zoology Core Course | 4 | ■ | | See note 1 on page 2 |
| Semester Six: [16-17 Credit Hours] | | | | |
| Foreign Language (Elementary II) | 4-5 | | | |
| LER Social Sciences | 3 | | | Should fulfill diversity requirement if not satisfied earlier; visit www.kent.edu/catalog and search “LER” and “diversity” for course lists |
| BSCI and/or CHEM and/or PHY electives | 9 | | | See note 2 on page 2 |

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| Semester Seven: [13 Credit Hours] | | | | |
| BCSI 40163 Organic Evolution | 3 | ■ | | |
| LER Additional | 3 | | | Should fulfill diversity requirement if not satisfied earlier; visit www.kent.edu/catalog and search "LER" and "diversity" for course lists |
| BSCI and/or CHEM and/or PHY electives | 7 | ■ | | See note 2 below |
| Semester Eight: [15-16 Credit Hours] | | | | |
| LER Additional | 3 | | | Should fulfill diversity requirement if not satisfied earlier; visit www.kent.edu/catalog and search "LER" and "diversity" for course lists |
| BSCI and/or CHEM and/or PHY elective | 3 | ■ | | See note 2 below |
| General Electives | 9-10 | ■ | | Number of credits required depends on meeting minimum 121 credit hours |

Graduation Requirements Summary

| Total Hours | Upper-Division Hours | Liberal Education Requirements Hours | Diversity Course Global / Domestic | Writing-Intensive | Minimum Major GPA | Minimum Overall GPA |
|-------------|----------------------|--------------------------------------|------------------------------------|-------------------|-------------------|---------------------|
| 121 | 42 | 45 | LER or General Electives | BSCI 40600 | 2.0 | 2.0 |

Note 1: Zoology core courses (11-12 credit hours), choose from the following:

| | | | |
|--|---|------------------------------------|---|
| BSCI 30140 Cell Biology | 4 | BSCI 30580 Entomology | 4 |
| BSCI 30171 General Microbiology | 4 | BSCI 40430 Animal Physiology | 3 |
| BSCI 30360 General Ecology | 4 | BSCI 40433 Mammalian Physiology I | 3 |
| BSCI 30518 Vertebrate Anatomy | 4 | BSCI 40434 Mammalian Physiology II | 3 |
| BSCI 30519 Vertebrate Embryology/Development Anatomy | 4 | BSCI 40515 Animal Behavior | 3 |
| | | BSCI 40556 Vertebrate Zoology | 4 |
| BSCI 30560 Invertebrate Zoology | 4 | BSCI 40581 Animal Parasitology | 4 |

Note 2: BSCI and/or CHEM and/or PHY electives (26-27 credit hours*), choose from the following:

| | | | |
|--|-------|--|---|
| BSCI courses**(in consultation with faculty advisor) | 11-26 | PHY 13001 General College Physics I <i>and</i> | 5 |
| CHEM 20482 Basic Organic Chemistry II <i>or</i> CHEM 30482 Organic Chemistry II | 2-3 | PHY 13021 General College Physics Laboratory I <i>or</i> PHY 23101 General University Physics I | |
| CHEM 30475 Organic Chemistry Laboratory I | 1 | PHY 13002 General College Physics II <i>and</i> | 5 |
| CHEM 30476 Organic Chemistry Laboratory II | 1 | PHY 13022 General College Physics Laboratory II <i>or</i> PHY 23102 General University Physics II | |

*Maximum 4 credit hours of these courses may be satisfactory/unsatisfactory graded.

**Maximum 6 credit hours of any combination of the following may be used to fulfilling this elective (enrollment in these courses must be determined with a faculty advisor):

| | | | |
|---------------------------------------|-----|--|-----|
| BSCI 30005 Career Pathways in Biology | 1 | BSCI 40192 Internship in Biological Sciences | 3-6 |
| BSCI 40099 Senior Honors Thesis | 1-3 | BSCI 40196 Individual Investigation | 1-3 |
| BSCI 40191 Senior Seminar | 1 | | |

Liberal Education Requirements (LER)

Students must complete a minimum 36 credit hours of Liberal Education Requirements. Colleges or degree programs may specify certain courses to fulfill the requirements. Courses in the students' major field will not count toward the completion of any LER. Honors equivalents shall satisfy the LER. None of the courses on the LER list may be taken with a pass/fail grade.

Diversity Course Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic focus and one with a global focus. One course must be come from the LER and cannot be in the student's major. The second course may be taken as a second LER; or within a major or minor; or as a general elective; or, with dean's approval, by completing one semester of study in another country.

Writing-Intensive Course Requirement

Students must complete a one-course writing-intensive requirement in their major and earn minimum C (2.00) grade.

Upper-Division Requirement

In general, baccalaureate programs require the successful completion of at least 39 upper-division (numbered 30000 to 49999) credit hours of coursework. Programs in the College of Arts and Sciences require a minimum of 42 hours of upper-division coursework.