Roadmap: Integrated Health Studies - Health Sciences - Bachelor of Science

Critical requirements are boldface in shaded areas

| Course Subject and Title | Credit Hours | Upper Division | Min. Grade | Important Notes |
| :---: | :---: | :---: | :---: | :---: |
| Semester One: [16-17 Credit Hours] |  |  |  |  |
| ENG 11011 College Writing I orPSYC 11762 General Psychology | 3 |  |  | Both must be taken; course not taken in semester 1 must be taken in semester 2 |
| IHS 10000 Careers in Health Sciences and Human Services | 3 |  |  |  |
| MATH 11010 Algebra for Calculus | 3 |  |  | Enrollment based on placement tests; fulfills LER Mathematics and Critical Reasoning |
| US 10097 Destination Kent State: FYE | 1 |  |  | Not required of transfer students with 25 credits |
| BSCI or CHEM Series A or B | 3-4 |  |  | See note 1on page 2 |
| LER Humanities | 3 |  |  | Visit www.kent.edu/catalog and search "LER" for course lists |
| Semester Two: [16-18 Credit Hours] |  |  |  |  |
| ENG 11011 College Writing I or PSYC 11762 General Psychology | 3 |  |  | Choose course not taken in semester 1 |
| HED 14020 Introduction to Medical Terminology | 3 |  |  |  |
| MATH 11022 Trigonometry | 2 |  |  |  |
| BSCI or CHEM Series A or B | 2-4 |  |  | See Note 1 on page 2 |
| LER Fine Arts | 3 |  |  | Should fulfill diversity requirement; visit |
| LER Social Sciences | 3 |  |  | "LER" and "diversity" for course lists |
| Semester Three: [16-20 Credit Hours] |  |  |  |  |
| ENG 21011 College Writing II orLER Humanities or Fine Arts | 3 |  |  | Both must be taken; course not taken in semester 3 must be taken in semester 4 |
| BSCI or CHEM Series A or B | 4-8 |  |  | See Note 1 on page 2 |
| LER Additional | 3 |  |  | Should fulfill diversity requirement; visit |
| General Electives (upper division) | 6 | ■ |  | "LER" and "diversity" for course lists |
| Semester Four: [13-15 Credit Hours] |  |  |  |  |
| ENG 21011 College Writing II orLER Humanities or Fine Arts | 3 |  |  | Choose course not taken in semester 3 |
| PSYC 21621 Quantitative Methods in Psychology I | 3 |  |  |  |
| BSCI or CHEM Series A or B | 4-5 |  |  | See note 1 on page 2 |
| LER Additional | 3 |  |  | Should fulfill diversity requirement if not satisfied earlier; visit www.kent.edu/catalog and search "LER" and "diversity" for course lists |
| Semester Five: [14 Credit Hours] |  |  |  |  |
| AS 30095 Special Topics: Gross Anatomy | 3 | ■ |  |  |
| PHY 13001 General College Physics I | 4 |  |  | Fulfills LER Additional |
| PHY 13021 General College Physics Laboratory I | 1 |  |  |  |
| Health Science Elective (lower or upper division) | 3 |  |  | See note 2 on page 2 |
| General Electives (lower or upper division) | 3-7 |  |  | If all courses from Series A are chosen, then 5 credits must be taken to fulfill total credit hours |
| Semester Six: [15 Credit Hours] |  |  |  |  |
| NURS 31095 Special Topics: Common Health Problems and Treatment | 3 | ■ |  |  |
| PHY 13002 General College Physics II | 4 |  |  |  |
| PHY 13022 General College Physics Laboratory II | 1 |  |  |  |
| Health Science Elective (upper division) | 3 | ■ |  | See note 2 on page 2 |
| General Electives (lower or upper division) | 4 |  |  |  |

U N I V E R S I T Y


Note 1: BSCI or CHEM Series $A$ or $B$ (14-24 credit hours), choose from the following series:
Series A: ( 14 credit hours)

| BSCI 20020 Biological Structure and Function | 5 | CHEM 10050 Fundamentals of Chemistry | 3 |
| :--- | :--- | :--- | :---: |
| CHEM 10052 Introduction to Organic Chemistry | 2 | CHEM 20284 Physiological Chemistry | 4 |

Series B* ( 24 credit hours)

| BSCI 10110 Biological Diversity | 4 | BSCI 10120 Biological Foundations | 4 |
| :--- | :--- | :--- | :---: |
| CHEM 10060 General Chemistry I | 4 | CHEM 10061 General Chemistry II | 4 |
| CHEM 20481 Basic Organic Chemistry | 4 | CHEM 30284 Introductory Biological Chemistry | 4 |

*Students who plan to pursue graduate studies should take series B and take chemistry laboratories CHEM 10062 and 10063.
Note 2: Health science electives ( 6 credit hours), choose from the following

| BSCI 20021 Basic Microbiology | 3 | PEP 35079 Sports Physiology | 3 |
| :--- | :---: | :--- | :---: |
| BSCI 30050 Human Genetics | 3 | BSCI 40020 Biology of Aging | 3 |
| NURS 20950 Human Growth and Development | 3 | NUTR 33512 Nutrition | 3 |
| PEP 25033 Lifespan Motor Development | 3 | PEP 35075 Exercise Programming | 3 |

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.

