ENVIRONMENTAL HEALTH SCIENCES - MINOR

College of Public Health
131 Moulton Hall
Kent Campus
330-672-6500
publichealth@kent.edu
www.kent.edu/publichealth

Description

The Environmental Health Sciences minor is intended for students who have a strong interest or curricular focus in a natural science major. The minor provides students with foundational concepts in environmental health as it relates to the broad field of public health. This includes students in a variety of majors, including, but not limited to, biology, chemistry, geology, geography, physics, botany and zoology.

Students who complete the required coursework and have 30 credit hours of coursework in specific public health areas, biology, chemistry, physics, geology, math or statistics can pursue a Sanitarian in Training (SIT) career path in State of Ohio agencies to become a Registered Sanitarian (RS) and are well equipped to enter the workforce in a variety of career paths.

Fully Offered At:
• Kent Campus

Admission Requirements

Admission to a minor is open to students declared in a bachelor’s degree, the A.A.B. or A.A.S. degree or the A.T.S. degree (not Individualized Program major). Students declared only in the A.A. or A.S. degree or the A.T.S. degree in Individualized Program may not declare a minor. Students may not pursue a minor and a major in the same discipline.

Minor Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PH 20001</td>
<td>ESSENTIALS OF EPIDEMIOLOGY</td>
<td>3</td>
</tr>
<tr>
<td>PH 30002</td>
<td>INTRODUCTORY BIOSTATISTICS</td>
<td>3</td>
</tr>
<tr>
<td>PH 30006</td>
<td>INTRODUCTION TO ENVIRONMENTAL HEALTH AND SAFETY</td>
<td>3</td>
</tr>
<tr>
<td>PH 30007</td>
<td>PREVENTION AND CONTROL OF DISEASES</td>
<td>3</td>
</tr>
</tbody>
</table>

Biological Sciences (BSCI) Electives, choose from the following: 4

- BSCI 10001 HUMAN BIOLOGY (KBS)
- BSCI 10003 LABORATORY EXPERIENCE IN BIOLOGY (KBS) (KLAB)
- BSCI 10110 FOUNDATIONAL ANATOMY AND PHYSIOLOGY I (KBS) (KLAB)
- BSCI 20110 ANATOMY AND PHYSIOLOGY I (KBS) (KLAB)

Chemistry (CHEM) Electives, choose from the following: 3-5

- CHEM 10050 FUNDAMENTALS OF CHEMISTRY (KBS)
- CHEM 10055 MOLECULES OF LIFE (KBS)
- CHEM 10060 GENERAL CHEMISTRY I (KBS)
- CHEM 10062 GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB)
- MATH 10772 MODELING ALGEBRA PLUS (KMCR)
- MATH 10775 ALGEBRA FOR CALCULUS PLUS (KMCR)
- MATH 11009 MODELING ALGEBRA (KMCR)
- MATH 11010 ALGEBRA FOR CALCULUS (KMCR)
- MATH 11012 INTUITIVE CALCULUS (KMCR)
- MATH 11022 TRIGONOMETRY (KMCR)
- MATH 12002 ANALYTIC GEOMETRY AND CALCULUS I (KMCR)
- MATH 12011 CALCULUS WITH PRECALCULUS I (KMCR)
- MATH 12021 CALCULUS FOR LIFE SCIENCES

Mathematics (MATH) Electives, choose from the following: 3-5

- BSCI 10120 BIOLOGICAL FOUNDATIONS (KBS) (KLAB)
- BSCI 30140 CELL BIOLOGY
- BSCI 30171 GENERAL MICROBIOLOGY
- BSCI 20021 BASIC MICROBIOLOGY
- CHEM 10061 GENERAL CHEMISTRY II (KBS)
- CHEM 10063 GENERAL CHEMISTRY II LABORATORY (KBS) (KLAB)
- CHEM 10064 GENERAL CHEMISTRY III (KBS)
- CHEM 10066 GENERAL CHEMISTRY III LABORATORY (KBS) (KLAB)
- CHEM 20121 PHYSICAL CHEMISTRY I (KBS) (KLAB)
- CHEM 20122 PHYSICAL CHEMISTRY II (KBS) (KLAB)
- CHEM 30140 BIOCHEMISTRY I (KBS)
- CHEM 30141 BIOCHEMISTRY I LABORATORY (KBS) (KLAB)
- CHEM 31010 ORGANIC CHEMISTRY I (KBS)
- CHEM 31020 ORGANIC CHEMISTRY I LABORATORY (KBS) (KLAB)
- CHEM 31011 ORGANIC CHEMISTRY II (KBS)
- CHEM 31021 ORGANIC CHEMISTRY II LABORATORY (KBS) (KLAB)
- CHEM 40003 ADVANCED ORGANIC CHEMISTRY (KBS)
- CHEM 40004 ADVANCED ORGANIC CHEMISTRY LABORATORY (KBS) (KLAB)

Minimum Total Credit Hours: 30

Graduation Requirements

Minimum Minor GPA 2.000
Minimum Overall GPA 2.000

- Minimum 6 credit hours in the minor must be upper-division coursework (30000 and 40000 level).
- Minimum 6 credit hours in the minor must be outside of the course requirements for any major or other minor the student is pursuing.
- Minimum 50 percent of the total credit hours for the minor must be taken at Kent State (in residence).