

# BIOLOGICAL SCIENCES - MINOR

College of Arts and Sciences  
Department of Biological Sciences  
www.kent.edu/biology

## Contact Information

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- Speak with an Advisor
  - Kent Campus
  - Stark Campus

## Fully Offered

- **Delivery:**
  - In person
- **Location:**
  - Kent Campus
  - Stark Campus

## Description

The Biological Sciences minor provides a basic biological background to complement other areas of study. The minor is especially suited for students wishing to pursue careers in non-science fields where biological knowledge is advantageous.

## 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.

## Program Requirements

### Minor Requirements

| Code                             | Title  | Credit Hours |
|----------------------------------|--|--------------|
| <b>Prerequisite Requirements</b> |  |              |
| CHEM 10060                       | GENERAL CHEMISTRY I (KBS)                    |              |
| CHEM 10061                       | GENERAL CHEMISTRY II (KBS)                   |              |
| CHEM 10062                       | GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB)  |              |
| CHEM 10063                       | GENERAL CHEMISTRY II LABORATORY (KBS) (KLAB) |              |
| MATH 11010                       | ALGEBRA FOR CALCULUS (KMCR)                  |              |
| MATH 11022                       | TRIGONOMETRY (KMCR)                          |              |
| <b>Minor Requirements</b>        |  |              |
| BSCI 10110                       | BIOLOGICAL DIVERSITY (ELR) (KBS) (KLAB)      | 4            |
| BSCI 10120                       | BIOLOGICAL FOUNDATIONS (ELR) (KBS) (KLAB)    | 4            |
| BSCI 30156                       | ELEMENTS OF GENETICS                         | 3            |
| BSCI 40163                       | EVOLUTION                                    | 3            |

|                                       |           |
|---------------------------------------|-----------|
| Biology (BSCI) Electives <sup>1</sup> | 8         |
| <b>Minimum Total Credit Hours:</b>    | <b>22</b> |

<sup>1</sup> Students should consult with a biology advisor to determine the most appropriate elective courses given their disciplinary interests and career aspirations.

## Graduation Requirements

| Minimum Minor GPA | Minimum Overall GPA |
|-------------------|---------------------|
| 2.000             | 2.000               |

- Students must complete at least two upper-division (30000 or 40000 level) courses in the minor at Kent State on a graded basis (A-F).
- 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).

The following Biological Sciences (BSCI) courses may NOT be used in the elective category for majors or minors in the Department of Biological Sciences:

| Code       | Title   | Credit Hours |
|------------|---|--------------|
| BSCI 10001 | HUMAN BIOLOGY (KBS)                                 | 3            |
| BSCI 10002 | LIFE ON PLANET EARTH (KBS)                          | 3            |
| BSCI 10003 | LABORATORY EXPERIENCE IN BIOLOGY (KBS) (KLAB)       | 1            |
| BSCI 10005 | ANATOMY FOR VETERINARY TECHNICIANS                  | 5            |
| BSCI 11010 | FOUNDATIONAL ANATOMY AND PHYSIOLOGY I (KBS) (KLAB)  | 3            |
| BSCI 11020 | FOUNDATIONAL ANATOMY AND PHYSIOLOGY II (KBS) (KLAB) | 3            |
| BSCI 16001 | HORTICULTURAL BOTANY                                | 3            |
| BSCI 20019 | BIOLOGICAL STRUCTURE AND FUNCTION                   | 4            |
| BSCI 20021 | BASIC MICROBIOLOGY                                  | 3            |
| BSCI 20022 | BASIC MICROBIOLOGY LABORATORY                       | 1            |
| BSCI 21010 | ANATOMY AND PHYSIOLOGY I (KBS) (KLAB)               | 4            |
| BSCI 21020 | ANATOMY AND PHYSIOLOGY II                           | 4            |
| BSCI 26002 | ECOLOGICAL PRINCIPLES OF PEST MANAGEMENT            | 3            |
| BSCI 26003 | PLANT IDENTIFICATION AND SELECTION I                | 3            |
| BSCI 26004 | PLANT IDENTIFICATION AND SELECTION II               | 3            |
| BSCI 30050 | HUMAN GENETICS                                      | 3            |
| BSCI 40020 | BIOLOGY OF AGING                                    | 3            |