# BIOLOGY, B.S. (CAPITAL)

Seven Penn State campuses are scheduled for closure after Spring 2027: DuBois, Fayette, New Kensington, Mont Alto, Shenango, Wilkes-Barre, and York. New students are not being admitted at these campuses.

**Begin Campus:** Any Penn State Campus

**End Campus:** Harrisburg

## Suggested Academic Plan

The suggested academic plan(s) listed on this page are the plan(s) that are in effect during the 2026-27 academic year. To access previous years' suggested academic plans, please visit the archive (https://bulletins.psu.edu/undergraduate/archive/) to view the appropriate Undergraduate Bulletin edition.

### General Biology Option: Biology, B.S. at Harrisburg Campus

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

**First Year**

| Fall | Credits | Spring | Credits |
|---|---|---|---|
| BIOL 110*# | 4 | BIOL 220W, 230W, or 240W*# | 4 |
| CHEM 110*#† | 3 | CHEM 112*† | 3 |
| CHEM 111† | 1 | CHEM 113† | 1 |
| ENGL 15, 15S, 30T, or ESL 15‡ | 3 | STAT 200‡† | 4 |
| MATH 140*‡#† | 4 | General Education Course | 3 |
| | **15** | | **15** |

**Second Year**

| Fall | Credits | Spring | Credits |
|---|---|---|---|
| BIOL 220W, 230W, or 240W*# | 4 | BIOL 220W, 230W, or 240W*# | 4 |
| CHEM 210 | 3 | CHEM 212 | 3 |
| STAT 200 | 4 | CHEM 213 | 2 |
| General Education Course | 3 | CAS 100A or 100S‡ | 3 |
| Supporting course (consult with an academic adviser for options) | 3 | General Education Course | 3 |
| | **17** | | **15** |

**Third Year**

| Fall | Credits | Spring | Credits |
|---|---|---|---|
| BIOL 4XX | 3 | BIOL 4XX | 3 |
| Supporting Course | 3 | PHYS 251 (consult with an academic adviser for options) | 4 |
| General Education Course | 3 | Supporting Course (consult with an academic adviser for options) | 3 |
| PHYS 250 (consult with academic adviser for alternative options)† | 4 | Supporting Course (consult with an academic adviser for options) | 3 |
| Supporting course (consult with an academic adviser for options) | 3 | General Education Course | 3 |
| | **16** | | **16** |

**Fourth Year**

| Fall | Credits | Spring | Credits |
|---|---|---|---|
| BIOL 4XX | 3 | BIOL 4XX | 3 |
| BIOL 4XX | 3 | BIOL 4XX | 3 |
| ENGL 202A, 202B, 202C, or 202D‡ | 3 | General Education Course | 3 |
| General Education Course | 3 | Supporting Course (consult with an academic adviser for options) | 3 |
| Supporting Course (consult with an ademic adviser for options) | 3 | Supporting Course (consult with an academic adviser for options) | 3 |
| | **15** | | **15** |

**Total Credits 124**

* Course requires a grade of C or better for the major
‡ Course requires a grade of C or better for General Education
# Course is an Entrance to Major requirement
† Course satisfies General Education and degree requirement

**University Requirements and General Education Notes:**

US and IL are abbreviations used to designate courses that satisfy Cultural Diversity Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain attribute is used to fill audit requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

**Program Notes:**

- Be aware that most 400 level biology courses are taught only in one semester and over time, the semester offering can change.

## Genetics and Developmental Biology Option: Biology, B.S. at Harrisburg Campus

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

**First Year**

| Fall | Credits | Spring | Credits |
|---|---|---|---|
| BIOL 110*# | 4 | BIOL 220W, 230W, or 240W*# | 4 |
| CHEM 110*#† | 3 | CHEM 112*† | 3 |
| CHEM 111† | 1 | CHEM 113† | 1 |
| ENGL 15, 15S, 30T, or ESL 15‡ | 3 | STAT 200‡† | 4 |
| MATH 140*‡#† | 4 | General Education Course | 3 |
| | **15** | | **15** |

**Second Year**

| Fall | Credits | Spring | Credits |
|---|---|---|---|
| BIOL 220W, 230W, or 240W*# | 4 | BIOL 220W, 230W, or 240W*# | 4 |
| CHEM 210 | 3 | CHEM 212 | 3 |
| MICRB 201 (consult with an academic adviser for alternative options) | 3 | CHEM 213 | 2 |
| General Education Course | 3 | BIOL 322 | 3 |
| General Education Course | 3 | CAS 100A or 100S‡ | 3 |
| | **16** | | **15** |

**Third Year**

| Fall | Credits | Spring | Credits |
|---|---|---|---|
| BIOL 430 | 3 | BMB 402 | 3 |
| BMB 401 | 3 | PHYS 251 | 4 |
| PHYS 250 (consult with an academic adviser for alternative options)† | 4 | STAT 200† | 4 |
| General Education Course | 3 | General Education Course | 3 |
| Supporting course (consult with an academic adviser for options) | 3 | Supporting course (consult with an academic adviser for options) | 3 |
| | **16** | | **17** |

**Fourth Year**

| Fall | Credits | Spring | Credits |
|---|---|---|---|
| BIOL 4XX | 3 | BIOL 4XX | 3 |
| BIOL 4XX | 3 | BIOL 4XX | 3 |
| ENGL 202A, 202B, or 202C‡ | 3 | General Education Course | 3 |
| General Education Course | 3 | Supporting course (consult with an academic adviser for options) | 3 |
| Supporting course (consult with an academic adviser for options) | 3 | Supporting course (consult with an academic adviser for options) | 3 |
| | **15** | | **15** |

**Total Credits 124**

* Course requires a grade of C or better for the major
‡ Course requires a grade of C or better for General Education
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**University Requirements and General Education Notes:**

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**Additional Notes:**

- Scheduling patterns for courses not taught each semester:
  - Fall only: MICRB 201, BIOL 430, BMB 401.
  - Spring only: BIOL 322, BMB 402, CHEM 212, CHEM 213.

**Program Notes:**

- Be aware that most 400 level Biology courses are taught only in one semester and over time, the semester offering can change.