# B.S. in Biological Sciences

## Required Core Courses
- ENG 1100 (3) Academic Writing
- ENG 2100 (3) Research Writing
- STT 2640 (4) Elementary Statistics or STT 1600 (4) Statistical Concepts
- MTH 2240 or MTH 2300 (4) Applied/Calculus
- Global Studies (3)
- History (3)
- Arts/ Humanities (3)
- Social Science (3-4)
- Social Science (3-4)

Social Sciences must be from different disciplines.

## Required Biological Sciences Courses
- BIO 1120 (4) Cells & Genes w/Lab
- BIO 1150 (4) Organisms & Ecosystems w/Lab
- BIO 2100 (1) Sophomore Seminar
- BIO 2110 (3) Molecular & Classical Genetics
- BIO 2120 (3) Cell Biology
- BIO 2130 (2.5) Molecular Biology Lab (IW)
- BIO 2140 (2.5) Cell Biology Lab
- BIO 2310 (4) Ecology & Evolution w/Lab (IW)
- Senior Capstone (1-3)

Choose one: BIO 4000, BIO 4020 (IW), BIO 4920

## Required College of Science & Mathematics Courses
- CHM 1210/1210L (5) General Chemistry I w/Lab
- CHM 1220/1220L (5) General Chemistry II w/Lab
- CHM 2110/2110L (5) Organic Chemistry I w/Lab
- CHM 2120/2120L (5) Organic Chemistry II w/Lab
- PHY 1110/1110L (5) Physics I w/Lab
- PHY 1120/1120L (5) Physics II w/Lab

## Life Science Electives: 30 Hours Required in 3000/4000 Level Courses

- Choose a minimum of 20 hours of advanced courses with BIO/M&I prefix.
- At least one course must have a lab component.
- May apply a maximum of 10 hours outside of Bio Dept. from the following Depts: ANT, BMB, CHM, EES, MTH, NCBP, PHY, PSY & STT
- May apply up to 5 hours of Independent Study
- Independent Study is to be arranged by the student & professor & can include: BIO 4880 Independent Reading; BIO 4900 Internship; BIO 4990 Research; BIO 4950 Honors Research
- Up to 8 hours of Honors Research may apply.
- Up to 3 hours of BIO 3990 Undergrad Teaching Asst. can apply. 3.0 GPA required for BIO 3990.

## Graduation Requirements

Total Semester Hours Required: **124**
- Cumulative GPA of **>2.0 required to graduate**

*ALL College of Science & Mathematics courses must be a C or better for degree credit.*

- At least 30 semester hours must be earned at WSU.
- At least 10 of the last 30 hours must be earned at WSU.
- At least 20 hours of courses 3000 or above must be earned at WSU.

Contact your advisor with questions:
- brian.borchers@wright.edu
- matt.skira@wright.edu
- courtney.smith@wright.edu

To schedule an advising appointment in 235 Biological Sciences call 937-775-2655.

Run a DARS each time you register.
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**Tentative Course Schedule**

- BIO 1120: Fall & Spring
- BIO 1150: Spring & Summer
- BIO 2100: Fall & Spring
- BIO 2110: Fall & Spring
- BIO 2120: Spring & Summer
- BIO 2130: Fall
- BIO 2140: Spring
- BIO 2140: Spring
- BIO 2310: Twice a year.
- CHM 1210: Fall, Spring & Summer
- CHM 1220: Fall, Spring & Summer
- CHM 2110: Fall, Spring & Summer
- CHM 2120: Spring & Summer
- PHY 1110: Fall, Spring & Summer
- PHY 1120: Fall, Spring & Summer

**Notes**

All courses listed are subject to change. Summer courses are not guaranteed.