

B.S. IN MICROBIOLOGY – DEGREE REQUIREMENT CHECK SHEET for students who matriculated summer 2013 or after

Student Name/ID: _____

Purpose: _____

Date: _____

Credit hours:

Currently enrolled in: _____ semester: _____

Currently enrolled in: _____ semester: _____

AFTER SUCCESSFUL COMPLETION OF CURRENT ENROLLMENT, YOU NEED THE FOLLOWING:

IUB GENERAL EDUCATION REQUIREMENTS:

Foundations:

- English Composition
- Mathematical Modeling (fulfilled by major)

Breadth of Inquiry:

- Arts & Humanities (A&H)–6 credits; need: _____
- Social & Historical (S&H)–6 credits; need: _____
- Natural & Mathematical (N&M)–(fulfilled by major)

World Languages & Cultures:

- World Language–4th semester proficiency
OR World Cultures–6 credits
OR Approved international experience

GenEd residency complete: Yes No If no, you need: _____

TOTAL HOURS REQUIREMENTS:

	Required	Complete	Needed
Major Hours (A)	30		
College Elective Hours (B)			
Elective Outside Hours (C)*	0		0
Total College Hours (A+B)	100		
Total Credit Hours (A+B+C)	120		
300/400-level Hours	36		
IUB COLL Res. after 60 credits	36		

* *Maximum of 20 Elective Outside Hours (C) allowed*

IPRP: Yes No If yes, needed credit hours may not be accurate.

Overall College GPA of 2.000 or higher is required.

CASE REQUIREMENTS:

- Public Oral Communication (COLL-P 155)
- English Composition
- Mathematical Modeling (fulfilled by major)
- Critical Approaches to the Arts and Sciences
- CASE A&H–2 courses; will count 2 GenEd; need: _____
- CASE S&H–2 courses; will count 2 GenEd; need: _____
- CASE N&M–fulfilled by major
- Intensive Writing (IW)–must be done at IUB
- Foreign Language (FL)–3rd semester proficiency

MICROBIOLOGY MAJOR REQUIREMENTS:

Major requirements must be completed with a C- or better.

- 30 BIOL hours: _____ needed 18 BIOL hours at IUB: _____ needed
- 18 BIOL hours at the 300/400 level: _____ needed
- Major GPA of 2.000 or higher. Major GPA: _____

BIOLOGY

- BIOL-L 112
- BIOL-L 211 (P: L 112 and CHEM-C 117)
- BIOL-M 250 (fall) and M 255 (or M 315)
- BIOL-M 350 (spring) and M 360 (fall/spr.)
- BIOL-M 480 (fall)
- Two labs from the following list: M 375, M 435, M 445, M 465, M 485, BIOT-T 315
 - _____
 - _____
- BIOL-M 430 **OR** M 440 **OR** M 460
- Two additional lectures (different from above): M 430, M 440, M 460, M 375, M 416, B 351, L 312, L 321, L 472, BIOT-T 310
 - _____
 - _____

CHEMISTRY

- CHEM-C 117 and C 127
- CHEM-C 341
- CHEM-C 342
- CHEM-C 343

PHYSICS

- PHYS-P 201
- PHYS-P 202

STATISTICS

- PSY-K 300/310, SPEA-K 300, LAMP-L 316 **OR** STAT-S 300/303

MATH

- MATH-M 211 **OR** MATH-M 119 and M 120 **OR** MATH-V 119 and M 120

DEPARTMENT INFORMATION

Biology website: <http://www.bio.indiana.edu/undergraduate/index.shtml>

BioBlog: <http://hoosierbiology.wordpress.com/>

Follow us on [Facebook](#) and [Twitter!](#)

Make an appointment with a Biology advisor: <https://starnet.indiana.edu/>

GENERAL COURSE INFORMATION

General Education

IUB General Education Bulletin: <http://bulletins.iu.edu/iub/general-education/2016-2017/index.shtml>

A&H: <http://bulletins.iu.edu/iub/general-education/2016-2017/courses/arts-and-humanities.shtml>

S&H: <http://bulletins.iu.edu/iub/general-education/2016-2017/courses/social-and-historical-studies.shtml>

World Cultures courses: <http://bulletins.iu.edu/iub/general-education/2016-2017/courses/world-cultures.shtml>

College of Arts and Sciences

Bulletin: <http://bulletins.iu.edu/iub/>

★ **Be sure to look at the correct Bulletin for your matriculation year!**

Course search: <https://college.indiana.edu/academics/courses/index.html>

Biology course descriptions: <http://bulletins.iu.edu/iub/college/2016-2017/departments/biology/courses.shtml>

CURRENT COURSE INFORMATION

Schedule of Classes: <http://registrar.indiana.edu/calendars/schedule-of-classes.shtml>

To find CAPP (Critical Approaches) courses, Intensive Writing courses, or CASE Culture Studies courses, go to <https://college.indiana.edu/academics/courses/index.html>, click “Refine search by CASE requirements,” and filter for the attribute(s) you want.

★ **Only B.A. degree students have a CASE Culture Studies requirement.**

DEGREE PROGRESS AND GRADUATION

Check your Academic Advisement Report (AAR): <https://one.iu.edu/> > Student Center > My Academics and Grades > Advising box (first one on left) > View My Advisement Report. **Click “Expand All” button after report runs.**

Apply to graduate: <https://college.indiana.edu/student-portal/undergraduate-students/graduating.html>

Priority dates: May graduation–June 1 of previous year; August graduation–Dec. 1 of previous year; December graduation–March 1 of same year.

Please be aware that Microbiology courses are generally offered only during specific semesters, and they have prerequisites.

Here is a general guide:

Courses	Semester offered*
BIOL-B 351 Fungi Lecture	Fall
BIOL-L 312 Cell Biology Lecture	Fall, Spring
BIOL-L 321 Immunology Lecture	Spring
BIOL-L 472 Microbial Ecology Lecture	Variable (Fall)
BIOL-M 250 Microbiology Lecture	Fall (some Summers)
BIOL-M 255 or BIOL-M 315 Microbiology Laboratory	Fall, Summer (some Springs)
BIOL-M 350 Microbial Physiology & Biochem	Spring
BIOL-M 360 Microbial Physiology Laboratory	Fall, Spring
BIOL-M 375 Human Parasitology	Variable
BIOL-M 416 Biology of AIDS Lecture	Variable – next in Spring 2017
BIOL-M 430 Virology Lecture	Spring
BIOL-M 435 Viral-Tissue-Culture Laboratory	Spring
BIOL-M 440 Medical Microbiology Lecture	Fall
BIOL-M 445 Medical Microbiology Lab	Fall
BIOL-M 460 Microbial Evolution Lecture	Spring
BIOL-M 465 Environmental Microbiology Lab	Variable
BIOL-M 480 Microbial & Molecular Genetics	Fall
BIOL-M 485 Microbial & Molec. Genetics Lab	Variable (Fall)
BIOT-T 310 Biotechnology Lecture	Fall
BIOT-T 315 Biotechnology Laboratory	Fall, Spring

* Semester offerings are subject to change. Check with a Biology academic advisor before taking courses on this list.