

# B.A. IN MICROBIOLOGY – DEGREE REQUIREMENT CHECK SHEET for students who matriculated summer 2016 or after

Student Name/ID: \_\_\_\_\_

Purpose: \_\_\_\_\_

Date: \_\_\_\_\_

**Credit hours:**

Currently enrolled in: \_\_\_\_\_ semester: \_\_\_\_\_

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

**IUB GENERAL EDUCATION REQUIREMENTS:**

Foundations:

- English Composition
- Mathematical Modeling (*see note under major requirements*)

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–4<sup>th</sup> semester proficiency
- OR** World Cultures–6 credits
- OR** Approved international experience

GenEd residency complete: Yes No If no, you need: \_\_\_\_\_

**CASE REQUIREMENTS:**

- English Composition
- Mathematical Modeling (*see note under major requirements*)
- Public Oral Communication (COLL-P 155)
- Critical Approaches to the Arts and Sciences
- CASE A&H–4 courses (will count 2 GenEd; 2 must be inside College); need: \_\_\_\_\_
- CASE S&H–4 courses (will count 2 GenEd; 2 must be inside College); need: \_\_\_\_\_
- CASE N&M–fulfilled by major
- Intensive Writing (IW)–must be done at IUB
- Foreign Language (FL)–4<sup>th</sup> semester proficiency
- CASE Culture Studies: 2 courses: 1 DUS and 1 GCC

**MICROBIOLOGY MAJOR REQUIREMENTS:**

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

- 30 BIOL hours: \_\_\_\_\_ needed (max. 42 hours)
- 18 BIOL hours at 300/400 level: \_\_\_\_\_ needed
- 18 BIOL hours at IUB: \_\_\_\_\_ needed
- Major GPA of 2.000 or higher: \_\_\_\_\_

**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 440 (fall) or M 460 (spring)
- BIOL-M 480 (fall)
- BIOL-M 350 (spring) or BIOL-L 312
- BIOL-M 360 or BIOL-M 485
- Choose 2 additional lectures (different from above): B 351, L 312, L 321, L 472, M 375, M 416, M 430, M 440, M 460, BIOT-T 310
- \_\_\_\_\_
- \_\_\_\_\_
- Additional lab (different from above): M 360, M 375, M 435, M 445, M 465, M 485, BIOT-T 315

**CHEMISTRY**

- CHEM-C 117 lecture (see ★ below)
- CHEM-C 341 **OR** R 340

**PHYSICS**

- PHYS-P 201
- PHYS-P 202

**MATH\***

- MATH-M 211 **OR** M 119 **OR** V 119
- OR** PSY-K 300/310, SPEA-K 300, LAMP-L 316, STAT-S 300/303,
- OR** MATH-K 300/310

*\* MATH-M 211, M 119, and V 119 also fulfill GenEd and CASE Math Modeling; the other choices do not.*

★ CHEM-C 127 lab is **NOT** required for this degree. But it is recommended for pre-health students.

**TOTAL HOURS REQUIREMENTS:**

	Required	Complete	Needed
Major Hours (A)	30–42		
College Elective Hours (B)			
Elective Outside Hours (C)*	0		0
Total College Hours (A+B)	100		
<b>Total Credit Hours (A+B+C)</b>	120		
300/400-level Hours	42		
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.**

## 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.