B.S. IN MICROBIOLOGY — DEGREE REQUIREMENT CHECK SHEET for students who matriculated summer 2018 through spring 2019

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
☐ World Cultures—6 credits
☐ Approved international experience

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

TOTAL HOURS REQUIREMENTS:

<table>
<thead>
<tr>
<th></th>
<th>Required</th>
<th>Complete</th>
<th>Needed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major Hours (A)</td>
<td>35</td>
<td></td>
<td></td>
</tr>
<tr>
<td>College Elective Hours (B)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elective Outside Hours (C)*</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Total College Hours (A+B)</td>
<td>100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Credit Hours (A+B+C)</td>
<td>120</td>
<td></td>
<td></td>
</tr>
<tr>
<td>300/400-level Hours</td>
<td>36</td>
<td></td>
<td></td>
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<tr>
<td>IUB COLL. Res. after 60 credits</td>
<td>36</td>
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</tbody>
</table>

* 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—must be done at IUB
☐ 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 inside the College
☐ Foreign Language (FL)—3rd semester proficiency

MICROBIOLOGY MAJOR REQUIREMENTS:

Major requirements must be completed with a C- or better. ★ Chemistry, physics, statistics, and math requirements must be completed with a C- or better, but they do not count toward major GPA or major hours.

☐ 35 major hours: _____ needed
☐ 18 major hours at 300/400 level: _____ needed
☐ 18 BIOL hours at IUB: _____ needed
☐ Major GPA ≥ 2.000. Major GPA: ______

BIOLOGY

☐ BIOL-L 112
☐ BIOL-L 211 (P: BIOL-L 112 and CHEM-C 117)
☐ BIOL-M 250 (fall/spring/summer)
☐ BIOL-M 255 or M 315 [ASURE: BIOL-X 150]
☐ BIOL-M 350 (spring) and M 360 (fall/spring)
☐ BIOL-M 480 (fall)
☐ Two labs from this list: M 375, M 435, M 445, M 465, M 485, BIOT-T 315 [ASURE: BIOL-X 325]
☐ ______________________
☐ ______________________
☐ BIO-L M 430 OR M 440 OR M 460
☐ Two 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
☐ ______________________
☐ ______________________

★ CHEMISTRY

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

★ PHYSICS

☐ PHYS-P 201
☐ PHYS-P 202

★ STATISTICS

☐ PSY-K 300/310, SOC-S 371, SPEA-K 300, LAMP-L 316, MATH-M 365, OR STAT-S 300/303

★ MATH

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

* Maximum of 20 Elective Outside Hours (C) allowed

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

Biology website: https://biology.indiana.edu/undergraduate/index.html
Follow us on Facebook and Twitter!

Make an appointment with a Biology advisor: 
https://one.iu.edu/task/iub/student-appointment-scheduler

DEGREE PROGRESS AND GRADUATION

Check your Academic Advisement Report (AAR): Go to https://one.iu.edu/, search for AAR, and click Academic Advisement Report (All IU Campuses), then click View My Advisement Report. Click “Expand All” button after report runs.

Apply to graduate: https://college.indiana.edu/student-portal/undergraduate-students/graduating.html. Do this 6-9 months ahead of your graduation month!

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

Here is a general guide:

<table>
<thead>
<tr>
<th>Courses</th>
<th>Semester offered*</th>
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</thead>
<tbody>
<tr>
<td>BIOL-B 351 Fungi Lecture</td>
<td>Fall</td>
</tr>
<tr>
<td>BIOL-L 312 Cell Biology Lecture</td>
<td>Fall, Spring</td>
</tr>
<tr>
<td>BIOL-L 321 Immunology Lecture</td>
<td>Spring</td>
</tr>
<tr>
<td>BIOL-L 472 Microbial Ecology Lecture</td>
<td>Variable (Fall)</td>
</tr>
<tr>
<td>BIOL-M 250 Microbiology Lecture</td>
<td>Fall, Spring, Summer</td>
</tr>
<tr>
<td>BIOL-M 255 or BIOL-M 315 Microbiology Laboratory</td>
<td>Fall, Spring, Summer</td>
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<tr>
<td>BIOL-M 350 Microbial Physiology &amp; Biochem</td>
<td>Spring</td>
</tr>
<tr>
<td>BIOL-M 360 Microbial Physiology Laboratory</td>
<td>Fall, Spring</td>
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<tr>
<td>BIOL-M 375 Human Parasitology</td>
<td>Variable (Spring)</td>
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<tr>
<td>BIOL-M 416 Biology of AIDS Lecture</td>
<td>Variable (Spring)</td>
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<tr>
<td>BIOL-M 430 Virology Lecture</td>
<td>Spring</td>
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<tr>
<td>BIOL-M 435 Viral-Tissue-Culture Laboratory</td>
<td>Spring</td>
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<td>BIOL-M 440 Medical Microbiology Lecture</td>
<td>Fall</td>
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<tr>
<td>BIOL-M 445 Medical Microbiology Lab</td>
<td>Fall</td>
</tr>
<tr>
<td>BIOL-M 460 Microbial Evolution Lecture</td>
<td>Spring</td>
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<td>BIOL-M 465 Environmental Microbiology Lab</td>
<td>Variable</td>
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<tr>
<td>BIOL-M 480 Microbial &amp; Molecular Genetics</td>
<td>Fall</td>
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<tr>
<td>BIOL-M 485 Microbial &amp; Molec. Genetics Lab</td>
<td>Variable</td>
</tr>
<tr>
<td>BIOT-T 310 Biotechnology Lecture</td>
<td>Fall</td>
</tr>
<tr>
<td>BIOT-T 315 Biotechnology Laboratory</td>
<td>Fall, Spring</td>
</tr>
</tbody>
</table>

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

Most courses have prerequisites. Always check the Bulletin and the Schedule of Classes for course information before taking a course.