B.A. IN MICROBIOLOGY — DEGREE REQUIREMENT CHECK SHEET for students who matriculated summer 2013 through spring 2016

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 (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—4th semester proficiency
  OR World Cultures—6 credits
  OR Approved international experience

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

TOTAL HOURS REQUIREMENTS:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Required</th>
<th>Complete</th>
<th>Needed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major Hours (A)</td>
<td>30–42</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>42</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IUB COLL Res. after 60 credits</td>
<td>36</td>
<td></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:
- □ English Composition
- □ Mathematical Modeling (see note under major requirements)
- □ Public Oral Communication (COLL-P 155)
- □ Critical Approaches to the Arts and Sciences—must be done at IUB
- □ 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)—4th 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 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 113
- □ 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 L 312
- □ Choose 2 additional lectures (different from above): B 351, L 312, L 321, M 375, M 416, M 430, M 440, M 460, I 472, BIOT-T 310
- □Additional lab from the following (different from above): M 360, M 375, M 435, M 445, M 465, M 485, BIOT-T 315

CHEMISTRY
- □ CHEM-C 117 and C 127
- □ 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.
DEPARTMENT INFORMATION
Biology Website: http://www.bio.indiana.edu/undergraduate/index.shtml
Follow us on Facebook and Twitter!
Make an appointment with a Biology advisor: https://one.iu.edu/task/iu/student-appointment-scheduler

GENERAL COURSE INFORMATION
General Education
World Cultures courses: http://bulletins.iu.edu/iub/general-education/2015-2016/courses/world-cultures.shtml

College of Arts and Sciences
★ Be sure to look at the correct Bulletin for your matriculation year!
Course Search: http://college.indiana.edu/undergrad/courses.php

CURRENT COURSE INFORMATION
Schedule of Classes: http://registrar.indiana.edu/calendars/schedule-of-classes.shtml
Intensive Writing: http://college.indiana.edu/undergrad/courses.php
CAPP (Critical Approaches) courses: http://college.indiana.edu/undergrad/courses.php
CASE Culture Studies: http://college.indiana.edu/undergrad/courses.php
★ Only B.A. degree students have a CASE Culture Studies requirement.

GRADUATION AND DEGREE PROGRESS
Apply to graduate: http://www.indiana.edu/~college/recorder/appinfo.shtml
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:

<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 (some Summers)</td>
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<tr>
<td>BIOL-M 255 or BIOL-M 315 Microbiology Laboratory</td>
<td>Fall, Summer (some Springs)</td>
</tr>
<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</td>
</tr>
<tr>
<td>BIOL-M 416 Biology of AIDS Lecture</td>
<td>Variable – next in Spring 2017</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>
</tr>
<tr>
<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>
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<tr>
<td>BIOL-M 460 Microbial Evolution Lecture</td>
<td>Spring</td>
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<tr>
<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 Viral Tissue Culture Laboratory</td>
<td>Variable (Fall)</td>
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<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.