### B.A. with a Major in Microbiology—Advising Check Sheet

**DATE:**

**Student:**

**Anticipated Graduation:**

**Purpose:**

**Credit Hours:**

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Required</th>
<th>Complete</th>
<th>Needed</th>
</tr>
</thead>
<tbody>
<tr>
<td>122</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gen Ed Res.</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3/400 level</td>
<td>36</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sr. Res.</td>
<td>26</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**After successful completion of current enrollment, you need the following:**

- IPRP: Yes  No  If yes, your needed credit hours may not be accurate.
- Non-College credits: _____ 22 credits max; still allowed: _____
- Major requirements must be completed with a C- or better.
- Overall College GPA of 2.000 or higher is required.

### GENERAL EDUCATION REQUIREMENTS:

- **Foundations**
  - English Composition
  - Mathematical Modeling—see note under major requirements

- **Breadth of Inquiry**
  - Arts and Humanities (A&H)—6 credits; still need: _____
  - Social and Historical (S&H)—6 credits; still need: _____
  - Natural and Mathematical (N&M)—fulfilled by major

### CASE REQUIREMENTS:

- English Composition
- Mathematical Modeling—see note under major requirements
- Critical Approaches to the Arts and Sciences
- A&H—4 courses; will count 2 GE A&H; still need: _____
- S&H—4 courses; will count 2 GE S&H; still need: _____
- N&M—fulfilled by major
- Intensive Writing (IW)—must be done at IUB
- Foreign Language (FL)—4th semester proficiency
- Culture Studies: 2 courses: 1 DUS and 1 GCC

### MICROBIOLOGY MAJOR REQUIREMENTS:

- 25 Microbiology hours: still need: _____ Max 42 hrs
- 12 Microbiology hours at IUB
- Major GPA of 2.000 or higher. Major GPA: ______

### BIOLOGY

- BIOL—L 112
- BIOL—L 113
- BIOL—L 211 (P: BIOL-L 112 and CHEM—C 117)
- BIOL—M 250 (fall) and M 315 (or M 255)
- BIOL—M 440 (fall) or M 460 (spring)
- BIOL—M 480 (fall)
- BIOL—M 350 (spring) or BIOL—L 312
- Choose two lectures from the following:
  - B 351, L 312, L 321, L 472, M 375, M 416, M 430, M 440, M 460, BIOT-T 310
  - ___________________
  - ___________________
- Additional lab from the following:
  - M 360, M 435, M 445, M 465, M 485, BIOT-T 315

### CHEMISTRY

- CHEM—C 117 and CHEM-C 127
- CHEM—C 118*
- CHEM-C 341 or CHEM-R 340
  * CHEM-C 118 can be waived upon request; please consult advisor.

### PHYSICS

- PHYS—P 201
- PHYS—P 202

### MATH *

- MATH—M 211 or MATH-M 119 or
  - PSY—K 300/310, SPEA—K 300, LAMP—L 316,
  - STAT—S 300/S 303, or MATH-K 300/310
  * Either MATH-M 211 or MATH-M 119 also fulfills GenEd and CASE Math Modeling requirements; the other choices do not.

### NOTES:

- IP=In Progress, IPRP=In progress repeat

**IMPORTANT:** PLEASE CHECK THAT THIS IS THE CORRECT CHECKSHEET FOR YOUR MATRICULATION DATE!
Please be aware that Microbiology courses are generally offered only during specific semesters, and have prerequisites. Here is a general guide. (Semester offerings are subject to change. Check with a Biology academic advisor before taking courses on this list.)

<table>
<thead>
<tr>
<th>Courses</th>
<th>Semester offered</th>
</tr>
</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</td>
</tr>
<tr>
<td>BIOL M250 Microbiology</td>
<td>Fall (some Summers)</td>
</tr>
<tr>
<td>BIOL-M 315 Microbiology Lab</td>
<td>Fall, Spring (some Summers)</td>
</tr>
<tr>
<td>BIOL-M 350 Microbial Physio &amp; Biochem</td>
<td>Spring</td>
</tr>
<tr>
<td>BIOL-M 360 Microbial Physiology Lab</td>
<td>Fall, Spring</td>
</tr>
<tr>
<td>BIOL-M 375 Human Parasitology</td>
<td>Variable</td>
</tr>
<tr>
<td>BIOL-M 416 Biology of AIDS</td>
<td>Variable</td>
</tr>
<tr>
<td>BIOL-M 430 Virology Lecture</td>
<td>Spring</td>
</tr>
<tr>
<td>BIOL-M 435 Virology Laboratory</td>
<td>Spring</td>
</tr>
<tr>
<td>BIOL-M 440 Medical Microbiology</td>
<td>Fall</td>
</tr>
<tr>
<td>BIOL-M 445 Medical Micro Lab</td>
<td>Fall</td>
</tr>
<tr>
<td>BIOL-M 460 Microbial Evolution</td>
<td>Variable</td>
</tr>
<tr>
<td>BIOL-M 465 Environmental Micro Lab</td>
<td>Variable</td>
</tr>
<tr>
<td>BIOL-M 480 Microbial &amp; Molec. Genetics</td>
<td>Fall</td>
</tr>
<tr>
<td>BIOL-M 485 Microbial/Molec. Genetics Lab</td>
<td>Fall</td>
</tr>
<tr>
<td>BIOL-T 310 Biotechnology Lecture</td>
<td>Fall</td>
</tr>
<tr>
<td>BIOL-T 315 Biotechnology Laboratory</td>
<td>Fall</td>
</tr>
</tbody>
</table>

**DEPARTMENT INFORMATION:**

Biology Website: [http://www.bio.indiana.edu/undergraduate/index.shtml](http://www.bio.indiana.edu/undergraduate/index.shtml)

BioBlog: [http://hoosierbiology.wordpress.com/](http://hoosierbiology.wordpress.com/) Also follow us on Facebook and Twitter!

Make an appointment with a Biology advisor: [https://starnet.indiana.edu/](https://starnet.indiana.edu/)

**GENERAL COURSE INFORMATION**

**General Education:**


World Cultures courses: [http://bulletins.iu.edu/iub/general-education/2015-2016/courses/world-cultures.shtml](http://bulletins.iu.edu/iub/general-education/2015-2016/courses/world-cultures.shtml)

**College of Arts and Sciences**


Course Search: [http://college.indiana.edu/undergrad/courses.php](http://college.indiana.edu/undergrad/courses.php)


**CURRENT COURSE INFORMATION**

Schedule of Classes: [http://registrar.indiana.edu/calendars/schedule-of-classes.shtml](http://registrar.indiana.edu/calendars/schedule-of-classes.shtml)

Intensive Writing: [http://college.indiana.edu/undergrad/courses.php](http://college.indiana.edu/undergrad/courses.php)

CAPP (Critical Approaches) courses: [http://college.indiana.edu/undergrad/courses.php](http://college.indiana.edu/undergrad/courses.php)

CASE Culture Studies: [http://college.indiana.edu/undergrad/courses.php](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](http://www.indiana.edu/~college/recorder/appinfo.shtml)

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

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 the report runs](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 the report runs).