**B.S. in Microbiology—Advising Check Sheet**

For students who matriculated summer 2011 through spring 2013

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>Credit Hours</td>
<td>122</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>30</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sr. Res</td>
<td>26</td>
<td></td>
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</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 need to be completed with a C- or better.
- Overall College GPA of 2.0 or higher is required.

**GENERAL EDUCATION REQUIREMENTS:**

- Foundations
  - English Composition
  - Mathematical Modeling—fulfilled by Major
- 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
  - World Languages and Cultures
    - World Language—4th semester proficiency **OR**
    - World Cultures—2 courses **OR** International Experience

**CASE REQUIREMENTS:**

- English Composition
- Mathematical Modeling—fulfilled by Major
- Critical Approaches to the Arts and Sciences
- CASE A&H, S&H, N&M met by GenEd Requirements
- Intensive Writing (IW)
- Foreign Language (FL)—3rd semester proficiency

**Microbiology Major Requirements:**

- **12 Microbiology hours at IUB**
- **Major GPA of 2.0 or higher. Major GPA:** ______

**Biology**

- BIOL–L 112
- BIOL–L 211 (P: L 112 and CHEM–C 117)
- BIOL–M 250 (fall) and M 315 (or M 255)
- BIOL–M 350 (spring) and M 360 (fall /spring)
- BIOL–M 480 (fall)
- Choose 2 labs from the following list:
  - M 435, M 445, M 465, M 485, BIOT–T 315
  - __________________________
  - __________________________
- BIOL–M 430 or M 440 or M 460
- Choose 2 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
- CHEM–N 330 Please consult advisor for details about this requirement

**Physics**

- PHYS–P 201
- PHYS–P 202

**Statistics**

- PSY–K 300/310, SPEA–K 300/310, LAMP–L 316 or STAT–S 300/S303

**Math**

- MATH–M 211 OR
  - MATH–M 119 and M 120

**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:

<table>
<thead>
<tr>
<th>Courses</th>
<th>Semester offered*</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL B351 Fungi Lecture</td>
<td>Fall</td>
</tr>
<tr>
<td>BIOL L312 Cell Biology</td>
<td>Fall, Spring</td>
</tr>
<tr>
<td>BIOL L321 Immunology</td>
<td>Spring</td>
</tr>
<tr>
<td>BIOL L472 Microbial Ecology</td>
<td>Variable</td>
</tr>
<tr>
<td>BIOL M250 Microbiology</td>
<td>Fall (some Summers)</td>
</tr>
<tr>
<td>BIOL M315 Microbiology Lab</td>
<td>Fall, Spring (some Summers)</td>
</tr>
<tr>
<td>BIOL M350 Microbial Physio &amp; Biochem</td>
<td>Spring</td>
</tr>
<tr>
<td>BIOL M360 Microbial Physiology Laboratory</td>
<td>Fall, Spring</td>
</tr>
<tr>
<td>BIOL M375 Human Parasitology</td>
<td>Variable</td>
</tr>
<tr>
<td>BIOL M416 Biology of AIDS</td>
<td>Variable</td>
</tr>
<tr>
<td>BIOL M430 Virology Lecture</td>
<td>Spring</td>
</tr>
<tr>
<td>BIOL M435 Virology Laboratory</td>
<td>Spring</td>
</tr>
<tr>
<td>BIOL M440 Medical Microbiology</td>
<td>Fall</td>
</tr>
<tr>
<td>BIOL M445 Medical Micro Lab</td>
<td>Fall</td>
</tr>
<tr>
<td>BIOL M460 Microbial Evolution</td>
<td>Variable</td>
</tr>
<tr>
<td>BIOL M465 Environmental Micro Lab</td>
<td>Variable</td>
</tr>
<tr>
<td>BIOL M480 Microbial &amp; Molecular Genetics</td>
<td>Fall</td>
</tr>
<tr>
<td>BIOL M485 Microbial &amp; Mole. Genetics Lab</td>
<td>Fall</td>
</tr>
<tr>
<td>BIOL T310 Biotechnology Lecture</td>
<td>Fall</td>
</tr>
<tr>
<td>BIOL T315 Biotechnology Laboratory</td>
<td>Fall</td>
</tr>
</tbody>
</table>

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

DEPARTMENT INFORMATION:

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


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GENERAL COURSE INFORMATION

General Education:


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

Culture Studies: [http://college.indiana.edu/undergrad/courses.php](http://college.indiana.edu/undergrad/courses.php)

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 grad–June 1 of previous year; August grad–Dec 1; Dec grad–March 1.