These requirements were last reviewed by the CALS Curriculum Committee in 2010-11 and must undergo their next review by 2014-15.

**Curriculum Sheet**  
**Bachelor of Science Degree**  
**Entomology Major**

### CALS Graduation Eligibility Requirements
- Minimum of 120 degree credits
- Minimum 2.0 Cumulative GPA
- Last 30 Credits in Residence

### UW Requirements
Courses may not double count within university requirements, but courses counted toward university requirements may also be used to satisfy a college requirement &/or a major requirement.

- **Communication Part A (2-3 cr.)** Designated “a” in the Course Guide.
- **Communication Part B (2-3 cr.)** Designated “b” in the Course Guide.
- **Quantitative Reasoning Part A (3 cr.)** Designated “q” in the Course Guide.
- **Quantitative Reasoning Part B (3 cr.)** Designated “r” in the Course Guide.

- **Ethnic Studies (3 cr.)** Designated “e” in the Course Guide.
- **Humanities/Literature/Arts (6 cr.)** Designated H, L, X, or Z in the Course Guide.
- **Social Sciences (3 cr.)** Designated S, W, Y, or Z in the Course Guide.

### CALS Requirements
Courses may not double count within college requirements, but courses counted toward college requirements may also be used to satisfy a university requirement &/or a major requirement.

- **First-Year Seminar (1 cr.)** See DARS or [http://www.newstudent.wisc.edu/practices/CALS.php](http://www.newstudent.wisc.edu/practices/CALS.php) for full list.
  Students who transfer into CALS after freshman year and continuing students who move to the B.S. degree should consult with Undergrad Programs & Services (116 Ag Hall) regarding completion of this requirement.

- **International Studies (3 cr.)** List of eligible International Studies courses can be found at: [http://www.cals.wisc.edu/students/curriculum-information/cals-international-studies-courses/](http://www.cals.wisc.edu/students/curriculum-information/cals-international-studies-courses/)
  Must complete 3 credits of International Studies coursework.

- **Physical Science Fundamentals (3 cr.)** Must complete one General Chemistry course from the following list: CHEM 103, 108, 109. Consult major requirements prior to selecting.
- **Biological Science (5 cr.)** Designated B or Y in the Course Guide.
- **Additional Science (3 cr.)** Designated B, P, N, W, X, or Y in the Course Guide.
- **Science Breadth (3 cr.)** Designated B, P, N, S, W, X, or Y in the Course Guide.

### Possible Overlaps Between UW, CALS, & Major Requirements
- Communication Part B
- Quantitative Reasoning Part A
- Quantitative Reasoning Part B
- Physical Science Fundamentals

This version was last updated on: 7/13/2012
Biological Science
Additional Science
Science Breadth

**Entomology Major Requirements**
Courses may not double count within the major (unless specifically noted otherwise), but courses counted toward the major requirements may also be used to satisfy a university requirement &/or a college requirement. A minimum of 15 credits must be completed in the major that are not used elsewhere.

Mathematics and Statistics (10 cr.)
_____ MATH 112 (q) and 113 or MATH 114 (q) or MATH 171* (q) or may be satisfied by placement exam (q)
_____ MATH 211 (r) or 217* (r) or 221 (r)
*MATH 171 and 217 must be taken together.

Chemistry (9-17 cr.)
_____ CHEM 103 (P) and 104 (P) or CHEM 109 (r, P)
_____ One of the following sets:
   CHEM 341 (P) and 342 (P)
   CHEM 343 (P) and 344 (P) and 345 (P)

Biology (16 cr.)
_____ One of the following sets:
   BIOLOGY/BOTANY/ZOOLOGY 151 (B) and 152 (b, B)
   ZOOLOGY 101 (B) and 102 (B) and BOTANY 130 (B)
   BIOCORE 301 (381, effective Spr. 2014) (B) and 302 (382, effective Spr. 2004) (b, B) and
      303 (383, effective Spr. 2014) (B) and 304 (384, effective Spr. 2014) (b, B)
_____ GENETICS 466 (B)
_____ 3 additional credits from any course coded as “B” or “P” in the course guide (a course in ecology or botany is recommended, see advisor for specific recommendations)

Physics (8-10 cr.)
_____ One of the following sets:
   PHYSICS 103 (r, P) and 104 (r, P)
   PHYSICS 201 (r, P) and 202 (P)
   PHYSICS 207 (r, P) and 208 (P)

Core (15 cr.)
_____ ENTOM/ZOOLOGY 302 (B)
_____ Complete at least 3 credits from at least two of the following three following subsets
(organismal, suborganismal, or applied) and up to three credits from “Other,” must have a total
of 11 credits:
   Organismal: ENTOM 331 (B), 342 (B), 432 (B), 468 (B), 473 (B), 530, [632 and 633 and
      634], 701
   Suborganismal: ENTOM 321 (B), 505 (B)
   Applied: ENTOM 371 (B), 500 (B), 541 (B)
   Other: ENTOM 375, 399, 681, 682, 691, 699

Capstone (3 cr.)
_____ ENTOM 468 (B), taken after the junior year, is the recommended capstone course (can
double count in Core Courses). ENTOM 681, 682, 691, or 699 can be substituted in special
circumstances (and can double count up to 3 credits in Core Category); see advisor.
### Entomology Major Bachelor of Science Degree

**SAMPLE Four-Year Plan**

Last Updated: June 2011 (corrected July 2012)

This Sample Four-Year Plan is a tool to assist you and your advisor in planning your academic career. Use it along with the Curriculum Sheet for your program, your DARS report, and the Course Guide.

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall Semester Sample Courses</th>
<th>Credits</th>
<th>Fall Semester Actual Courses</th>
<th>Credits</th>
<th>Spring Semester Sample Courses</th>
<th>Credits</th>
<th>Fall Semester Actual Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1</td>
<td>CHEM 103 or 109 MATH 112, 113, 114, or 171 COMM-A or ELECTIVE FIRST-YEAR SEMINAR ADDITIONAL ELECTIVE</td>
<td>4-5 2-5 3 1 3</td>
<td>13-17</td>
<td>CHEM 104 MATH 113, 211, 217, or 221 ELECTIVES (to reach ~15 cr.)</td>
<td>5</td>
<td>2-5 5-8 15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Year 2</td>
<td>MATH 211, 217, or 221 ZOOLOGY 151 or 101/102 CHEM 341 and 342</td>
<td>5 5 4 14</td>
<td></td>
<td>ENTOM 302 ZOOLOGY 152 or BOTANY 130 ELECTIVES</td>
<td>4</td>
<td>5 6 15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Year 3</td>
<td>PHYSICS 103, 201, or 207 BREADTH COURSE(S) IN CORE ELECTIVES (to reach ~15 cr.)</td>
<td>4-5 3-6 4-8 15</td>
<td></td>
<td>PHYSICS 104, 202, or 208 GENETICS 466 BREADTH COURSE(S) IN CORE ELECTIVES (to reach ~15 cr.)</td>
<td>4-5</td>
<td>3 3-6 1-5 15</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Summer | ENTOM 468 (Capstone, even #’d summers), 3 cr. |

| Year 4 | BIOLOGICAL OR PHYSICAL ELECT BREADTH COURSE(S) IN CORE ELECTIVES (to reach ~15 cr.) | 3 3-6 6-9 15 | ELECTIVES | 15 |

### Notes:

1. When choosing electives, students should first consider UW and CALS requirements (ethnic studies, humanities, social science, international studies, etc.)

Students may reduce the number of required courses via:
- Testing out of Comm-A
- Using ZOOLOGY 152 to satisfy Comm-B
- Testing out of Quantitative Reasoning, Part A
- Earning AP/IB credits
- Using ENTOM 371 for International Course