# INTEGRATIVE BIOLOGY, MS

*for the degree of Master of Science in Integrative Biology*

The Master of Science in Integrative Biology (MS in IB) provides students with a non-thesis, course-based advanced degree program opportunity. Students in the MS program have the ability to enhance their skill sets within IB upper-level courses through our world-class educational experiences, without having to invest in a required and timely research component for the degree. Students will thus be able to graduate in one year with a degree making them more competitive for employment and future research opportunities.

This program mainly serves students who are in a gap year between undergraduate programs and either employment or future graduate-level programs. With the ability to hone skills in critical thinking, communication, laboratory practices, and scientific knowledge this program affords students the ability to make effective use out of such a year.

The MS in IB program offers advanced coursework in fields such as organismal biology, behavioral ecology, anatomy and physiology, environmental science, bioinformatics, pathology, genomics, and mathematical modeling to name just a few. With a world-class advanced environment science, bioinformatics, pathology, genomics, and as organismal biology, behavioral ecology, anatomy and physiology, environmental science, bioinformatics, pathology, genomics, and mathematical modeling to name just a few. With a world-class advanced degree from the University of Illinois, our students are better prepared to enter the workforce and thus have higher earning potential.

*for the degree of Master of Science in Integrative Biology*

The MS in IB program degree requires a minimum of two full-time semesters. Students may take up to two years to complete their degree.

The approved course list ([https://sib.illinois.edu/graduate/msib/](https://sib.illinois.edu/graduate/msib/)) is available online.

For additional details and requirements refer to the MS in IB website ([https://sib.illinois.edu/graduate/msib/](https://sib.illinois.edu/graduate/msib/)) and the Graduate College Handbook ([https://grad.illinois.edu/handbooks-policies.html](https://grad.illinois.edu/handbooks-policies.html)).

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>IB 592</td>
<td>Career and Skill Development in Integrative Biology</td>
<td>12-24</td>
</tr>
</tbody>
</table>

At least one course from two of the following three IB disciplinary areas and one additional course with a laboratory and/or field component.

Lab/Field courses include: IB 401, IB 427, IB 444, IB 451, IB 461, IB 462, IB 463, IB 464, IB 467, IB 468, IB 471, IB 481, IB 482, IB 494

Area 1: Organismal and Evolutionary Biology

IB 401, IB 461, IB 462, IB 463, IB 464, IB 471

Area 2: Behavior, Ecology and the Environment


Area 3: Integrative anatomy, Physiology and Molecular Biology

IB 420, IB 421, IB 426, IB 427, IB 472, IB 473

Elective Hours Required 6-8

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Hours Required Within the 8 Unit</td>
<td>Minimum GPA 3.0</td>
</tr>
<tr>
<td>Maximum hours of IB 590 allowed 6 to count toward the MS in IB degree</td>
<td></td>
</tr>
</tbody>
</table>

*Information listed in this catalog is current as of 06/2023*

**School of Integrative Biology**

Director of the School: Carla Cáceres
Director of Graduate Studies: Allison O’Dwyer
Director of Admissions Committee: Allison O’Dwyer
Program website ([https://sib.illinois.edu/graduate/msib/](https://sib.illinois.edu/graduate/msib/))
School of Integrative Biology website ([http://sib.illinois.edu/](http://sib.illinois.edu/))
School of Integrative Biology faculty ([https://sib.illinois.edu/](https://sib.illinois.edu/))
286 Morrill Hall, 505 S. Goodwin Ave, Urbana, IL 61801
217-300-5039
Program email (msib@sib.illinois.edu)

**College of Liberal Arts & Sciences**

College of Liberal Arts & Sciences website ([https://las.illinois.edu/](https://las.illinois.edu/))

**Admissions**

Graduate College Admissions & Requirements ([https://grad.illinois.edu/admissions/apply/](https://grad.illinois.edu/admissions/apply/))