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 educational environment, our students are better prepared to enter the workforce and thus have higher earning potential.

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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/) is available online.

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

### Code | Title | Hours | Description
--- | --- | --- | ---
IB 592 | Career and Skill Development in Integrative Biology | 12-24 | 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 | MS in IB approved list of courses below, or courses from the any of the Areas above that did not fulfill another requirement, or upon approval from the program director. IB 411, IB 416, IB 436, IB 442, IB 447, IB 450, IB 467, IB 468, IB 476, IB 478, IB 479, IB 480, IB 483, IB 484, IB 487, IB 491, IB 496, IB 499

Minimum 500-level Hours Required | 12 | Courses to be chosen from the MS in IB approved list of courses below.

Total Hours Required | 32 | Other Requirements:

<table>
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<tr>
<th>Requirement</th>
<th>Description</th>
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<tr>
<td>Minimum Hours Required Within the 8 Unit</td>
<td></td>
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<tr>
<td>Minimum GPA</td>
<td>3.0</td>
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<tr>
<td>Maximum hours of IB 590 allowed to count toward the MS in IB degree</td>
<td>6</td>
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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/)
School of Integrative Biology website (http://sib.illinois.edu/)
School of Integrative Biology faculty (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/)

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

Information listed in this catalog is current as of 12/2023