

# Integrative Biology

**Biology explores life at various levels** - from within cells, to organisms, to ecosystems, by examining structure, function, development, classification, ecology, and evolution. Biology is essential in health and environmental sciences, but also informs art, design, engineering, law and more. Learn more at [uab.ca/AugPrograms](http://uab.ca/AugPrograms)

YEAR 1	YEAR 2	YEAR 3	YEAR 4
<ul style="list-style-type: none"> <li>• AIDS 101</li> <li>• AUBIO 111</li> <li>• AUBIO 112</li> <li>• 3 units AUPHY*</li> <li>• AUCHE 110</li> <li>• AUCHE 112</li> <li>• AUMAT 116 or 120</li> <li>• 3-9 units Fine Arts &amp; Humanities</li> <li>• 3-6 units Social Sciences</li> <li>• Options</li> </ul> <p><i>*Waived if completed Physics 20 or 30 in high school</i></p>	<ul style="list-style-type: none"> <li>• Collaborative Seminar</li> <li>• AUBIO 230</li> <li>• AUBIO 253</li> <li>• AUBIO 260</li> <li>• AUCHE 250</li> <li>• AUSTA 215</li> <li>• 0-3 units Fine Arts &amp; Humanities</li> <li>• 0-3 units Social Sciences</li> <li>• Options</li> </ul>	<ul style="list-style-type: none"> <li>• AIDS 301</li> <li>• 9-18 units from: <ul style="list-style-type: none"> <li>◦ Cell Biology: <ul style="list-style-type: none"> <li>▪ AUBIO 274, 336, 380, 381, 388, 389, 475</li> </ul> </li> <li>◦ Organisms: <ul style="list-style-type: none"> <li>▪ AUBIO 323, 338, 390, 394, 395, 413, 438, 471</li> </ul> </li> <li>◦ Ecosystems: <ul style="list-style-type: none"> <li>▪ AUBIO 315, 334, 350, 351, 354, 355, 459</li> <li>▪ AUENV 335, 434</li> </ul> </li> <li>◦ Laboratory or field work (can overlap with above)</li> </ul> </li> <li>• 0-3 units Fine Arts &amp; Humanities</li> <li>• 0-3 units Social Science</li> <li>• 01-3 units 400-level AUBIO</li> <li>• Options</li> </ul>	<ul style="list-style-type: none"> <li>• AIDS 401</li> <li>• AUBIO 411</li> <li>• 3 units 400-level AUBIO</li> <li>• 9-18 units from: <ul style="list-style-type: none"> <li>◦ Cell Biology: <ul style="list-style-type: none"> <li>▪ AUBIO 274, 336, 380, 381, 388, 389, 475</li> </ul> </li> <li>◦ Organisms: <ul style="list-style-type: none"> <li>▪ AUBIO 323, 338, 390, 394, 395, 413, 438, 471</li> </ul> </li> <li>◦ Ecosystems: <ul style="list-style-type: none"> <li>▪ AUBIO 315, 334, 350, 351, 354, 355, 459,</li> <li>▪ AUENV 335, 434</li> </ul> </li> <li>◦ Laboratory or field work (can overlap with above)</li> </ul> </li> <li>• 0-3 units Fine Arts &amp; Humanities</li> <li>• 0-3 units Social Sciences</li> <li>• Options</li> </ul>

## AUGUSTANA PROJECT-BASED CORE:

Learn the skills needed to succeed in university and create projects while gaining real working experience. Learn more and see courses at [uab.ca/AugCore](http://uab.ca/AugCore)

<p><b>AIDS 101 (Fall 3-week)</b></p> <p>The First-Year Seminar prepares students for university by teaching critical analysis, improving academic writing, fostering community involvement and introducing career skills.</p>	<p><b>Collaborative Seminar (Fall 11-week)</b></p> <p>Option: AIDS 301 (Winter 3 &amp; 11)</p> <p>Develop teamwork skills through multidisciplinary projects, enhancing career readiness in project management, communication and teamwork.</p>	<p><b>AIDS 301 (Fall or Winter)</b></p> <p>Option: Collaborative Seminar (Fall 11-week)</p> <p>Cultivate teamwork by partnering with a local organization to address a need. Gain practical experience, and enhance career skills crucial for industry, client relations and community engagement.</p>	<p><b>AIDS 401 (Winter 11-week)</b></p> <p>Option: AIDS 301 (Fall)</p> <p>Prepare for career success by tackling social issues through team projects. Practice interviewing, networking, proposal writing, budgeting for projects and data analysis.</p>
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Your Academic Requirement Report in Bear Tracks shows your progress and provides complete details on your program. Not every student's path will be this linear. You may choose to take a lighter course load, take time off or participate in extracurriculars that will extend your program time. We recommend speaking to a student advisor about planning your degree. **Learn more at [uab.ca/AugSAS](http://uab.ca/AugSAS)**

# Integrative Biology

## Check out some degree-enhancing opportunities:

Make the most of your degree by taking advantage of these unique opportunities:

### Costa Rica Field Studies

Spend two weeks developing your research skills while experiencing Costa Rican culture and diverse landscapes. Apply in Feb of 2nd or 3rd year.

### Field Studies

Engage in research projects that are relevant to ecology, parks, conservation biology, and natural resource management right at Miquelon Lake Provincial Park!

### Undergraduate Research

Develop a passion for discovery and communication. Work directly with faculty to contribute to the research community.

### Augustana Biology Club

Provides a fun and welcoming environment for student who are interested in bio, to help them explore their interests and enhance learning in the field.

## Prepare for your career:

Build your career knowledge, skills and connections throughout your degree. More ideas at [uab.ca/AugCS](http://uab.ca/AugCS)

### YEAR 1

- Create your first professional resume
- Explore potential career pathways

### YEAR 2

- Attend seminars on managing your career and job search
- Participate in the Job Shadow Program or Career Conversations

### YEAR 3

- Get curious at Employer Information Sessions, Career Fairs, Mixers, Lunch and Learns

### YEAR 4

- Refine your job interview skills
- Seek out networking opportunities on or off campus

## GET INVOLVED ON CAMPUS

Athletics & Campus Rec  
Augustana Chaplaincy  
Augustana Students' Association  
Campus Clubs  
The Augustana Choir

Learn more by contacting us at:

[uab.ca/AugSAS](http://uab.ca/AugSAS)