



# BIOLOGICAL SCIENCES

## Itasca Community College-University of Minnesota

The following are the Undergraduate Majors of the college of Biological Sciences at the University of Minnesota.

<b>Biology</b>	<b>Plant biology</b>
<b>Biochemistry</b>	<b>Microbiology</b>
<b>Ecology, Evolution &amp; Behavior</b>	<b>Neuroscience</b>
<b>Genetics, Cell Biology &amp; Development</b>	

The seven CBS majors offered span molecules to ecosystems and health sciences to environmental sciences. A degree in CBS has always opened the door to a variety of career opportunities in health care, research, education, government agencies, and conservation. There has never been a better time to major in biology than today.

CBS majors prepare students equally well for admission to most graduate and professional programs in health care, research, and science education. All provide a strong foundation in math, chemistry, physics, and general biology, as well as more advanced courses in biochemistry, genetics, and ecology. The academic advisers in CBS encourage students to explore each major and choose the subject most interesting to them.

To view specific degree requirements and application procedures, please access the CBS website at [www.cbs.umn.edu](http://www.cbs.umn.edu).

### FRESHMAN

				<u>Fall</u>				<u>Spring</u>						
*	Biol	1201		Gen Bio I		4		*	Chem	1202		Gen Chem II		4
*	Chem	1201		Gen Chem I		4		*	Math	1123		Calc II		4
	Engl	1101		Expos Writ		4			Phys	1202		Gen Phys II		4
	Phys	1201		Gen Phys I		4			Hist	1111, 1112, 1131, or 1132				3
	Social Science	Gen Ed				3			Humanities	Gen Ed				3

### SOPHOMORE

				<u>Fall</u>				<u>Spring</u>						
	Chem	2201		Org Chem I		5		Chem	2202			Org Chem II		5
	Math	1122		Calc 1		4			Humanities	Gen Ed				3
	Phys	1101		Intro to Physics		4			Math	1122		Calc II		4
									Phys	1102		Intro to Physics II		4

\* *Students must acquire at least 60 credits, including starred (\*) courses, for admission to the College of Biological Sciences.*

Additional classes:

- 1) Foreign language: Either: a) 2 years of study of a single foreign language in high school or b) completion of 2 semesters of a single foreign language in college or demonstration of equivalent proficiency as determined by the appropriate language department.
- 2) English 1101 and English 1113 are recommended. Students will also take an advanced writing course while in their last year at the University.

**(OVER)**

**The Minnesota Transfer Curriculum and Itasca's Associate in Arts Degree**

The public higher education colleges and universities in Minnesota have developed a common liberal education curriculum called the **Minnesota Transfer Curriculum**. Students who complete the Associate in Arts degree at Itasca Community College will have automatically met all Minnesota Transfer Curriculum requirements. Students desiring to complete the Minnesota Transfer Curriculum requirements and then transfer without the Associate in Arts degree may pick up a MNTC checksheet in the Counseling and Career Center. For questions regarding the Minnesota Transfer Curriculum, please see an ICC counselor.

**Visit University of Minnesota on the world wide web at: [www.umn.edu](http://www.umn.edu)**

Itasca Community College is an equal opportunity educator/employer.  
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