

Lake Superior College

Pre-Major Advising Guide

Created on: 03/28/06

Effective: Fall 2006

Program: Biology

Degree Type: A.A. (60 credits required)

Pre-Major Total Recommended Credits: 61

The following course sequence offers a model for students interested in pursuing a Bachelor's Degree in this major. Alternate course sequences are possible, providing that all the prerequisites are met.

Students are encouraged to work regularly with their Professional Advisor and instructors in this major at LSC. Early in their second year, students should contact the Transfer Specialist at the institution at which they expect to complete their Bachelor's Degree. This planner is not specific to any particular transfer institution and specific institutional requirements may vary.

The following sequence assumes that the student is ready for college-level coursework.

All references to specific Goal Areas come from the LSC AA Program Planner.

Biology Contact: Brian Bich

Specific Notes for this Major: See Below

Semester I

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
BIOL1120	Principles of General Biology	F/S	5	
CHEM1210	General Chemistry I	F/S	5	
ENGL1106	College Composition I	F/S	3	
PSYC1120 OR	General Psychology OR	F/S	3	
SOC1111	Introduction to Sociology	F/S	(3)	
Total Credits for Term			16	

Semester II

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
BIOL1130	General Biology of Organisms	S	5	
CHEM1211	General Chemistry II	S	5	

COMM1100	Fundamentals of Human Communication	F/S	3	
OR	OR			
COMM1105	Interpersonal Communication	F/S	(3)	
OR	OR			
COMM1110	Methods of Public Speaking	F/S	(3)	
OR	OR			
COMM1115	Intercultural Communication	F/S	(3)	
ENGL1109	College Composition II	F/S	3	
Total Credits for Term			16	

Semester III

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
BIOL2005	Molecular and Cell Biology	F/S	4	
General Education	Select one course from Goal 5A	F/S	3	
	AND Select one course from Goal 6	F/S	3	
MATH1150 OR	Pre-Calculus OR	F/S	5	
MATH2204	Calculus I	F/S	(5)	
Total Credits for Term			15	

Semester IV

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
BIOL2210	Genetics	S	3	
General Education	Select one course from Goal 5B (GEOG 1110 recommended)	F/S	3	
	AND Select one course from Goal 6	F/S	3	
PEXXXX	Any two credits	F/S	2	
PHIL1130	Ethics	F/S	3	
Total Credits for Term			14	

Biology Advising Guide

Recommended Courses to Fill Goal Areas

Goal 1. Nine required credits will be completed by ENGL1106 and ENGL1109, plus addition of one of the following: COMM1100, COMM1105, COMM1110, or COMM1115.

Goal 2. Completed by required courses.

Goal 3. Completed by BIOL1120 and BIOL1130. Additional courses in this goal area may be taken as electives.

Goal 4. Completed by either taking MATH1150 or MATH2204.

Goal 5. 5A - one course is selected by student from listed courses. 5B - recommended courses are PSYC1120, SOC1111, and GEOG1110.

Goal 6. Recommended course PHIL1130. Final six credits to be selected by student, but three credits must be in Literature.

Goal 7. Completed by PSYC1120 or SOC1111.

Goal 8. Completed by GEOG1110.

Goal 9. Completed by PHIL1130.

Goal 10. Completed by BIOL1120 and BIOL1130.

Specific Notes for this Major:

Other courses that you may take toward this major that are offered at LSC are the following:

- BIOL2200 General Ecology - 4 credits
- CHEM2110 Elementary Organic Chemistry I - 5 credits
- CHEM2111 Elementary Organic Chemistry II - 5 credits

- This is not a contract; Lake Superior College reserves the right to change the planner as necessary.
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