



northern *State* university

**Associates in Biotechnology
Plan of Study**

First Year Fall	
Course	Credit
IDL 190, First Year Seminar	2
BIOL 151/L, General Biology I	4
CHEM 112/L, General Chemistry I	4
MATH 102/L, College Algebra*	3-4
BIOL 240/L, Biotechnology Lab Methods and Techniques	3
	16-17

First Year Spring	
Course	Credit
SPCM 101, Fundamentals of Speech	3
BIOL 235/L, Introduction to Biotechnology	3
CHEM 114/L, General Chemistry II	4
Arts and Humanities Course (see catalog)	3
Elective Course	3
	16

Second Year Fall	
MICR 231/L, General Microbiology or BIOL 331/L, Microbiology	4
Behavioral/Social Sciences Course (see catalog)	3
BIOL 245/L, Cell Culture Techniques	3
ENGL 101, Composition I	3
***BIOL 281, Introduction to Statistics	3
	16

Second Year Spring	
BIOL 343/L, Cell and Molecular Biology or BIOL 371/L, Genetics	4
BIOL 294, Internship	2
BIOL 250/L, Bioinformatics and Proteomics	3
ENGL 201, Composition II	3

*Fulfills a General Education Requirement. Other course options may be available. **Fulfills a major requirement. Other course options may be available. ***Fulfills a general elective. Other course options may be available. This plan of study is not an official document. Depending on placement scores, developmental courses may be required. Course rotations may change. Please visit with a professional advisor at least once a semester to review appropriate course choices and plan updates.