

# BIOLOGY, B.S. - CONCENTRATION IN BIOTECHNOLOGY

Code	Title	Credits
<b>General Education Requirement</b>		
VSJ 100	Vincentian Social Justice	3
Foundation Courses ( <a href="http://catalog.niagara.edu/undergraduate/curriculum/foundation-courses/">http://catalog.niagara.edu/undergraduate/curriculum/foundation-courses/</a> )		27
Distribution Courses ( <a href="http://catalog.niagara.edu/undergraduate/curriculum/general-education-distribution-courses/">http://catalog.niagara.edu/undergraduate/curriculum/general-education-distribution-courses/</a> )		33
<b>Major Requirement</b>		
BIO 121 & BIO 123L	General Biology I and Gen Biology Lab I	4
BIO 122 & BIO 124L	General Biology II and Gen Biology Lab II	4
BIO 212 & BIO 213L	Microbiology and Microbiology Lab	4
2 200-level BIO electives with lab		8
BIO 334	Cell Biology	4
BIO 391	Bio-Analy Tech & Lab I	4
BIO 392	Bio-Analy Tech & Lab II	4
BIO 435	Plant Physiology	4
BIO 436	Medical Genetics	3
200/300/400-level BIO elective (lab optional)		
BIO 401 & BIO 402	Biology Seminar and Biology Seminar	4
CHE 111 & CHE 114L	General Chemistry I and General Chemistry Laboratory II (AS designation)	4
CHE 112 & CHE 114L	General Chemistry II and General Chemistry Laboratory II	4
PHY 121 & PHY 123L	General Physics and General Physics	4
MAT 111	Calculus I (AS designation)	4
CIS 232	Computer Applications for Business I (AS designation)	3
5 Advised electives		12
<b>Total Credits</b>		<b>137</b>

<sup>1</sup> All Niagara University students entering as freshmen are required to take the one credit Niagara University Beginning seminar course (NUB 102 NU Beginnings) in addition to the 20 general education requirements.