

GENERAL EDUCATION REQUIREMENTS

CATEGORY I: GLOBAL ACADEMIC SKILLS **9 credits**

Students are required to take one course from each subcategory

Subcategory A - Mathematics **3 credits**

M	105	Contemporary Mathematics	3
M	114	Extended Technical Mathematics	3
M	121	College Algebra	3
M	122	College Trigonometry	3
M	130	Mathematics for Elementary Teachers I	3
M	140	College Math for Healthcare	3
M	143	Finite Mathematics	4
M	161	Survey of Calculus	3
M	171	Calculus I	4
STAT	141	Introduction to Statistical Concepts	3
STAT	216	Introduction to Statistics	4

Subcategory B - English **3 credits**

WRIT	101	College Writing I	3
WRIT	121	Introduction to Technical Writing	3
WRIT	122	Introduction to Business Writing	3

Subcategory C- Communication & Information Literacy **3 credits**

BMIS	150	Cyber Security and Electronic Communication	3
COMX	111	Introduction to Public Speaking	

Course		Credits	Grade	Semester	Equivalent
<i>A minimum grade of C- or better is required in all major coursework</i>					
Biology Requirements					
*BIOB	160	Principles of Living Systems	3		
* BIOB	161	Principles of Living Systems Lab	1		
BIOB	170	Principles of Biological Diversity	3		
BIOB	171	Principles of Biological Diversity Lab	1		
BIOB	260	Cellular and Molecular Biology	3		
BIOB	261	Cellular and Molecular Biology Lab	1		
BIOB	375	General Genetics	3		
BIOB	376	General Genetics Lab	1		
BIOB	490	Undergraduate Research	2		
Or BIOB	498	Internship/Cooperative Education			
BIOB	499	Senior Thesis/Capstone	1		

Upper Division Science Electives (16 credits – selected in consultation with advisor from the following rubrics: BCH, BIOB, BIOE, BIOH, BIOM, BIOO, CHMY, EARTH, GEO, GPHY, PHSX)

Course		Credits	Grade	Semester	Equivalent
Minor or Allied Health Concentration					
Select a minor or complete the Allied Health Concentration, which includes the following courses:					
BIOM	250	Microbiology for Health Sciences	3		
BIOM	251	Microbiology for Health Sciences Laboratory	1		
BIOH	301	Human Anatomy and Physiology I	3		
BIOH	302	Human Anatomy and Physiology I Laboratory I	1		