

ADVISING WORKSHEET
BACHELOR OF SCIENCE DEGREE
MAJOR IN BIOLOGY
General Bulletin 2018-2019

TRANSFER INSTITUTION (S):

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Name _____

Student ID # _____

GENERAL EDUCATION REQUIREMENTS – SEE ATTACHED PAGE FOR SPECIFIC COURSES

General Education Category	Course #	Credits	Grade	Semester	Equivalent
Category I: Global Academic Skills (9 credits)					
A. Mathematics (3 credits) M 171 or STAT 216 Major requirement					
B. English (3 credits)					
C. Communication & Information Literacy (3 credits)					
Category II: Natural Sciences (7 credits) 2 lectures (6 credits) & 1 lab (1 credit) (1 life science & 1 physical science lab)					
BIOB 160/161 & CHMY 144 Major requirements					
Category III: Social Sciences and History (6 credits)					
B. History (3 credits)					
Category V: Arts & Humanities (6 credits)					
A. Fine Arts (3 credits)					

A minimum grade of "C" is required in all General Education courses.

Note: Certain degrees may require a minimum grade of "C" in General Education courses.

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
WRIT	201	College Writing II	3
WRIT	220	Business & Professional Writing	3
WRIT	221	Intermediate Technical Writing	3
Subcategory G Communication & Information Literacy			3 credits
BMIS	150	Computer Literacy	3
COMX	111	Introduction to Public Speaking	3
COMX	115	Introduction to Interpersonal Communication	3
LSCI	125	Research in the Information Age	3

CATEGORY II: NATURAL SCIENCES 6 cr. lecture & 1 cr. lab
 Students are required to take one course from each subcategory and at least one corresponding lab Integrated Sciences

Subcategory A –Life Sciences			3-4 credits
BIOB	101	Discover Biology	3
BIOB	102	Discover Biology Lab	1
BIOB	121	Fundamentals of Biology for Allied Health	3
BIOB	122	Fund of Biology: Evolution, Ecology, and Biodiversity	3
BIOB	123	Fund of Biology: The Nature of Nutrition	3
BIOB	160	Principles of Living Systems	3
BIOB	161	Principles of Living Systems Lab	1

Subcategory B– Physical Sciences			3-4 credits
ASTR	110	Introduction to Astronomy	3
ASTR	111	Introduction to Astronomy Lab	1
CHMY	121	Introduction to General Chemistry	3
CHMY	122	Introduction to General Chemistry Lab	1
CHMY	141	College Chemistry I	3
CHMY	142	College Chemistry Laboratory I	1
GEO	101	Introduction to Physical Geology	3
GEO	102	Introduction to Physical Geology Laboratory	1
GPHY	112	Introduction to Physical Geography Lab	1
GPHY	111	Introduction to Physical Geography	3
PHSX	103	Our Physical World	3
PHSX	104	Our Physical World Lab	1
PHSX	205	College Physics I	3
PHSX	206	College Physics I Lab	1
PHSX	105	Fundamentals of Physical Science	3
PHSX	106	Fundamentals of Physical Science Lab	1

Integrated Sciences
 SCIN 101, 102, 103, 104 Integrated Sciences 3, 1, 3, 1

CATEGORY III: SOCIAL SCIENCES AND HISTORY			6 CREDITS
Students are required to take one course from each subcategory			
Subcategory A –Social Sciences			3 credits
ANTY	217	Physical Anthropology & Archeology	3
BGEN	105	Introduction to Business	3
COMX	106	Communicating in a Dynamic Workplace	3
ECNS	201	Principles of Microeconomics	3
ECNS	202	Principles of Macroeconomics	3

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Course	Credits	Grade	Semester	Equivalent
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A minimum grade of C or better is required in all major coursework

Biology Requirements

Physics Requirement (choose one Physics sequence)

*PHSX	205/ 206	College Physics I College Physics I Lab	3 1			
PHSX	207/ 208	College Physics II College Physics II Lab	3 1			
or						
PHSX	220/ 221	Physics I Physics I Lab	3 1			
PHSX	232/ 233	Physics II and Thermodynamics Physics II and Thermodynamics Lab	3 1			
Physics Total			8			

Unrestricted Electives

CHMY 311 Analytical Chemistry-