

College: Education and Science

Degree: Bachelor of Science

Major: Biology

Total Credits: 52-53

Student Name: _____

ID Number: _____

Advisor: _____



Concordia
UNIVERSITY SAINT PAUL

Prerequisites (not counted in major credit total)		Credits	Semester	Term Met	Grade	Notes
BIO120	Biology I: The Unity of Life	4	Fa/Sp			BIOL 1106 Principles of Biology I
MAT125 OR MAT135	Precalculus OR Calculus I	4 4	Fa/Sp Fa/Sp			MATH 1210 Pre-Calculus MATH 1400 Calculus I
CHE115	General Chemistry I	4	Fa			CHEM 1061 Principles of Chemistry I
Required (37-38 credits)		Credits	Semester	Term Met	Grade	Notes
BIO130	Biology II: The Diversity of Life	4	Sp			BIOL 1107 Principles of Biology II
BIO210	Genetics	4	Fa			BIOL 2202 Genetics
BIO330	Cell Biology	4	Fa			BIOL 2208 Cell Biology
BIO450^	Topic Seminar^ (1 credit each semester need 2 credit total)	2	Fa/Sp			
BIO456 OR BIO498	Research (need instructor approval) OR Internship	4 4	Fa/Sp/Su Fa/Sp/Su			You will need Dr. Yang's consent for registering for BIO456
CHE116	General Chemistry II	4	Sp			CHEM 1062 Principles of Chemistry II
CHE221	Organic Chemistry I	4	Fa			CHEM 2061 Organic Chemistry I
CHE328	Biochemistry	4	Sp			
MAT110 OR MAT230	Introduction to Probability and Statistics OR Probability and Statistics (calc-based)	3 4	Fa/Sp/Su Fa (even yrs)			
PHS112 OR PHS221	General Physics I (trig-based) OR General Physic I (calculus-based)	4 4	Fa Fa			
Electives (minimum of 15 credits)*		Credits	Semester	Term Met	Grade	Notes
BIO220	Plant Biology	4	TBD			BIOL 2207 Plant Biology
BIO230	Animal Biology	4	Sp (even yrs)			BIOL 2206 Animal Biology
BIO300	Microbiology	4	Fa (even yrs)			BIOL 2201 Microbiology
BIO315	Human A & P I	4	Fa			BIOL 2113 Anatomy & Physiology I
BIO316	Human A & P II	4	Sp			BIOL 2114 Anatomy & Physiology II
BIO320	Ecology	4	TBD			BIOL 2209 General Ecology
BIO340	Science Issues and Ethics	4	Sp (even yrs)			
BIO350	Medical Terminology	2	Sp			
BIO415	Biology of Aging	4	Fa			
BIO430	Immunology	4	Sp (odd yrs)			
BIO440	Human Gross Anatomy	4	Fa			
BIO460	Neuroscience	4	Fa			
BIO497	Biology Teaching Assistant	4	Fa/Sp			
KHS473	Biomechanics	4	Sp			
PSY310	Physiological Psychology	4	Fa (even yrs)			

Note: *A minimum of two elective courses must be 300- or 400- level

Note: ^2 different topics at 1 credit each

Checklist for Fulfillment of Degree Requirements (see catalog for overview of all requirements)

<input type="checkbox"/> Complete 128 total credits	<input type="checkbox"/> Complete all General Education requirements (47-54 credits)
<input type="checkbox"/> Complete 52-54 required biology major credits	<input type="checkbox"/> Complete Senior Outcome
<input type="checkbox"/> Earn cumulative GPA of 2.0	<input type="checkbox"/> Earn 2.5 GPA in major courses

