

**Course Requirements for
Secondary Education: Biology
128-129 credits**

2022-23

Pitt ID: _____

Name: _____

Advisor: _____

University Orientation—1 Credit	Cr	Gr	Trm
FDSED 0002 Intro to Education	1		

Foundational Courses—13 Credits	Cr	Gr	Trm
EngCmp 0005: Composition I	3		
EngCmp 0006: Composition II	3		
Commrc 0052: Public Speaking	3		
Math 0004 Pre Calc/Trig OR 0221 Calculus I	4		

Worlds of Knowledge—31 Credits	Cr	Gr	Trm
Aesthetic and Creative Expression			
1. English Literature	3		
2. _____ (other than EngLit)	3		
Global History & Culture			
1. GEOG 0810 Earth and People	3		
2. FDS ED 1026 English Lang Learners	3		
Society and Civics			
1. HIST 0610 US History to 1877 Or HIST 0620 US History since 1877	3		
2. PSY 260: Adolescent Development	3		
Science and Nature			
1. PSY 200: Intro to Psychology	3		
2. Math 0231 Calculus II OR 0004 Pre Calc/Trig OR 1155 Biol	4		
Follow Up WOK courses			
1. FDSED 1171 Educational Law	3		
2. NatSc 0080 Integrated Sciences	3		

Educational Studies Courses—15 Credits	Cr	Gr	Trm
EDPSY 0006 Into Educational Psy	3		
EDPSY 1021 Students w/ Special Needs	3		
EDPSY 1025 Inclusion Strategies (take in UL)	3		
EDPSY 1121 Ed Assessment in Inclusive Class	3		
FDSED 0001 Hist/Phil of Education	3		

Required Biology – 24 credits			
Biol 0110 General Biology 1	3		
Bio 0111 General Biology 1 Lab	1		
Biol 0120 General Biology 2	3		
Biol 0121 General Biology 2 lab	1		
Biol 0350 Genetics	4		
Two Upper Level Biology with Lab	8		
Biol 0340 General Ecology	3		
Biol 0341 General Ecology Lab	1		

Req Molecular Biology Elective 3-4 credits	Cr	Gr	Trm
Select one of the following:			
Biol 0360/361 Cell Biol & Lab OR	4		
Biol 1137 Molecular Genetics	3		

Required Science and Mathematics Courses - 13 credits			
Chem 0111 General Chemistry 1	3		
Chem 0113 General Chem 1 Lab	1		
Chem 0112 General Chemistry 2	3		
Chem 0114 General Chem 2 Lab	1		
Chem 0230 Fundamentals of Org Chem	4		
Chem 0235 Fundamentals of Org Chem Lab	1		

Upper Level Courses

Required Methods – 28 credits			
SCED 1164 Science Methods 1	3		
SCED 1165 Science Methods 2	3		
SCED 1166 Science Pre-Stdnt Teach Pract	1		
SCED 1170 Literacy in Content Area	3		
IT 1101 Instr. Tech for the 21 st Century	2		
SCED 1191 Student Teaching	14		
FDSED 1199 SecEd Student Teaching Sem	2		

General Graduation Requirements	
Minimum Cumulative QPA	3.00
Minimum Core QPA	2.60

All Select and Methods Courses in the major must be completed with a C or higher and a 3.0 grade point average must be maintained.