



Biology, General Major With Secondary Education Licensure Effective Fall 2020

First Year (Fall)

BIOL 150	Intro to Biology I: Cells (4 cr) ^A
CHEM 150	Intro to Chemistry I (CST, 4 cr) ^B
ENGL 150	English Composition II (CWR) ^A
MATH 232	Statistics (CMA) ^A
BIOL 101	Seminar for Entering Majors (1 cr) ^B

Second Year (Fall)

BIOL 342	Anatomy & Physiology I (4 cr) ^A
CHEM 201	Organic Chemistry I (4) ^B
Elective	Spanish I, French I or elective ^A
PSYC 208/210	Developmental Psychology ^A
CHH	Human Heritage core course ^A

Third Year (Fall)

PHYS 131	General Physics I (4 cr) ^B
EDUC 336	Reading in the Content Area ^A
EDU 340	Field Placement I (2 cr) ^A
CHH	Human Heritage core course ^A
CCA	Creative Arts core course ^A
BIOL 302	Applied Statistics in Biology (1 cr) ^A

Fourth Year (Fall)

UL elective	Upper-level Botany course (4 cr) ^A
EDUC 430	Teaching Inclusive Classroom ^A
EDUC 422	Classroom Management ^A
EDUC 405	Sheltered English Instr. ^A
CAP	Capstone core course ^A

This is a sample 4-year plan to complete the major. We believe that this represents an accurate depiction of the requirements, but there are other pathways to degree completion. We strongly recommend that you meet with your academic advisor(s) regularly to review your requirements and progress toward graduation.

Anticipated course frequency: ^A every semester, ^B every year, ^C every other year

Last updated 8/1/20

First Year (Spring)

BIOL 160	Intro to Biology II: Organisms (4 cr) ^B
CHEM 152	Intro to Chemistry II (CSTL, 4 cr) ^B
BIOL 240	Genetics (4 cr) ^A
CCSS 269	Education & Society core course ^A
PHED	Physical Education course (1 cr) ^A
PHED	Physical Education course (1 cr) ^A

Second Year (Spring)

BIOL 343	Anatomy & Physiology II (4 cr) ^A
CHEM 202	Organic Chemistry II (4 cr) ^B
CLA	Spanish II or French II ^A
CSS	Self & Society core course ^A
CCA	Creative Arts core course ^A

Third Year (Spring)

PHYS 132	General Physics II (4 cr) ^B
BIOL 460	Ecology (4 cr) ^C
BIOL 480	Cell & Molecular Biology (4 cr) ^B
EDUC 416	Curriculum & Instruction ^A
EDUC 342	Field Placement II (2 cr) ^A

Fourth Year (Spring)

EDUC 590	Student Teaching Practicum (9 cr) ^A
EDUC 591	Student Teaching Seminar ^A

With two additional EDUC electives, students can earn a second major in Education

CORE CURRICULUM	code
Tier I Reading, Thinking, Writing	CWR
Tier I Quantitative Reasoning	CMA
Tier I Language Arts	CLA
Tier II Creative Arts	CCA
Tier II Human Heritage	CHH
Tier II Self & Society	CSS
Tier II Science & Technology	CSTL, CST
Tier III Core Capstone	CAP

ALL COURSES 3 credits unless noted (#)
UL = upper-level (300-level or above)