



BIOLOGY, PRE-MEDICAL PROFESSIONS CONCENTRATION

Effective Fall 2021

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 ^A
FSEM	FSEM course (CHH?)
BIOL 101	Seminar for Entering Majors (1 cr) ^B

Second Year (Fall)

BIOL 240	Genetics (4 cr) ^A
CHEM 201	Organic Chemistry I (4 cr) ^B
Elective	101-level language or elective ^A
Elective	MATH 150 Pre-calculus or elective ^A
CHH	Self & Society core course ^A

Third Year (Fall)

BIOL 342	Anatomy & Physiology I (4 cr) ^A
PHYS 131	General Physics I (4 cr) ^B
CSS	Self & Society core course ^A
BIOL 360	Biochemistry ^B
BIOL 302	Applied Statistics in Biology (1 cr) ^A

Fourth Year (Fall)

CCA	Creative Arts core course (literature) ^A
UL elective	Upper-level elective ^A
UL elective	Upper-level elective ^A
UL elective	Upper-level elective ^A
UL elective	Biology upper-level elective ^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 10/18/21

First Year (Spring)

BIOL 160	Intro to Biology II: Organisms (4 cr) ^B
CHEM 152	Intro to Chemistry II (CSTL, 4 cr) ^B
PHED 215	Lifetime Wellness (CHW) ^A
MATH 232	Statistics (CMA) ^A
Elective	E.g., Research or Medical Terminol. or Clin Observ. or PHED (1 cr.)

Second Year (Spring)

BIOL 320	Microbiology (4 cr) ^B
CHEM 202	Organic Chemistry II (4 cr) ^B
CLA	102-level language ^A
Elective	MATH 220 Calculus I or elective ^A

Third Year (Spring)

BIOL 343	Anatomy & Physiology II (4 cr) ^A
PHYS 132	General Physics II (4 cr) ^B
CHH	Human Heritage core course ^A
CCA	Creative Arts core course ^A

Fourth Year (Spring)

BIOL 480	Cell & Molecular Biology (4 cr) ^B
CAP	Capstone ^A
UL elective	Upper-level elective ^A
UL elective	Upper-level elective ^A
Elective	Elective ^A

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)