



BIOLOGY, PRE-MEDICAL PROFESSIONS CONCENTRATION

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 ^A
MATH 232	Statistics (CMA) ^A
BIOL 101	Seminar for Entering Majors (1 cr) ^B

Second Year (Fall)

BIOL 240	Genetics (4 cr) ^A
Elective	Spanish I, French I or elective ^A
CHEM 201	Organic Chemistry I (4 cr) ^B
CHH	Human Heritage core course ^A
Elective	MATH 150 Pre-calculus or elective ^A

Third Year (Fall)

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

Fourth Year (Fall)

SOCI 100	Self & Society core course ^A
UL elective	Upper-level elective ^A (Bioethics?)
UL elective	Upper-level elective ^A
UL elective	Upper-level elective ^A
UL elective	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 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
CCA	Creative Arts core course (literature) ^A
CSS	Self & Society core course ^A
PHED	Physical Education course (1 cr) ^A

Second Year (Spring)

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

Third Year (Spring)

BIOL 343	Anatomy & Physiology II (4 cr) ^A
PHYS 132	General Physics II (4 cr) ^B
UL elective	Biology upper-level elective ^A
CCA	Creative Arts core course ^A
PHED	Physical Education course (1 cr) ^A

Fourth Year (Spring)

BIOL 480	Cell & Molecular Biology (4 cr) ^B
CAP	Capstone core course ^A
Elective	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)