

Required courses in Biology

- _____ BIOL130 General Biology I¹
- _____ BIOL131 General Biology II^{1,2}
- _____ BIOL 201 Human Anatomy and Physiology I
- _____ BIOL 202 Human Anatomy and Physiology II
- _____ BIOL 312 Microbiology
- _____ BIOL 320 Genetics
- _____ BIOL 477 Biology Capping
- _____ BIOL 494-498 Biomedical Sciences Internship (1 credit minimum)

7 credits minimum (one must be a 4-credit class which includes a lab) in BIOL courses numbered 300-400 not including internships or research

- 1
- 2

Required courses in Related Fields

- _____ HLTH 110 Intro to the Health Professions
- _____ PHIL 200 Ethics or a Bioethics class (preferred) - satisfies C/LS Ethics & Justice requirement
- _____ MATH 130 Intro Statistics
- _____ MATH 241 Calculus I **OR** MATH 131 Intro Statistics II
- _____ CHEM 111 & 115 General Chemistry I & lab
- _____ CHEM 112 & 116 General Chemistry II & lab
- _____ CHEM 201 & 202 Principles of Organic Chemistry & Lab

Select one of the options below

(for PA preparation)

- _____ CHEM 301 & 302 Principles of Biochemistry & Lab

OR

(for DPT or AT preparation)

- _____ PHYS 201 College Physics I **OR** PHYS 211 General Physics I & PHYS 213 Physics Lab I
- _____ PHYS 202 College Physics II **OR** PHYS 212 General Physics II & PHYS 214 Physics Lab II

9 additional credits in related fields (a maximum of 3 credits from research and/or internships not including the required credit of internship):

BIOL courses for which BIOL130-131 are prerequisites and are not used to satisfy other requirements for the major

Note: Students who take BIOL201 and/or BIOL202 for credit may not then take BIOL340 and/or BIOL440 for credit, and students who take BIOL340 and/or BIOL440 for credit may not then take BIOL201 and/or BIOL202 for credit.

CHEM courses for which CHEM 131-132 are prerequisites and are not used to satisfy other requirements of the major

ENSC 306 (En Health), 308 (OSHA), 309 (En Chem), 310 (En Chem Lab), 340 (Epidemiology) and 404 (toxicology)

HLTH 202 or HLTH 206 (either, but not both)

other HLTH courses for which BIOL 130-131 are prerequisites

Note: courses needed for preparation for graduate programs in Athletic Training:

HLTH 201 Human Nutrition

HLTH 300 Kinesiology

HLTH 301 Exercise Physiology

MATH courses numbered above 131 and are not used to satisfy other requirements of the major

MEDT courses numbered 200-400

PHYS 201, 202 **OR** PHYS 211, 212 not used to satisfy other requirements of the major

PHYS 213, 214 not used to satisfy other requirements of the major

Total required credits in the major = 70-75

In order to meet graduation requirements, the student must have a minimum GPA of 2.0 in all BIOL courses taken to satisfy the major, a minimum GPA of 2.0 in all courses taken to satisfy the major, and an overall minimum GPA of 2.0.

Checklist – C/LS course requirements

- _____ FYS 101 – First Year Seminar
Transfer students bringing in 24 or more credits are exempt from FYS
- _____ ENG 112 Writing for College
- _____ PHIL 101 Philosophical Perspectives
- _____ PHIL 200 Ethics or 392 Bioethics (preferred) - (must take **before** capping – BIOL 477)
- _____ History
- _____ Literature
- _____ Social Science
- _____ Fine Art (the class must have an L designation)
- _____ Technology Requirement

Pathway _____

- _____ Course #1 _____
- _____ Course #2 _____
- _____ Course #3 _____
- _____ Course #4 _____

Transfer students who bring in 36 or more credits are exempt from the Pathway requirement.

All students must also complete a minimum of 36 liberal arts credits, only 6 of which may be contributed from the student’s major field.

Remember that PHIL 200 or 393 (Bioethics) must be taken before the capping class, BIO 477 Biology Capping