

Pre-Veterinary Biology

General Studies for B.S. degree:

Communication Outcome (6-9 credit hours):

2-3 courses, grade of C or better required

| | | | |
|---------------------|-----|----------------------------|---|
| ENG 101 and ENG 102 | —/— | COM 101 | — |
| OR | | (required of all students) | |
| ENG 103 | — | | |

Analysis Outcome (20-21 credit hours; 11-12 credit hours satisfied within major requirements):

Students must take courses from each analytical block as directed:

| | |
|------------------------------------|-------------------------------------|
| <u>Critical Reading (1 Course)</u> | <u>Economics/Finance (1 Course)</u> |
| ENG 200-400 Literature, any | ECON 103*, 104, OR FIN 131 |

Logic/Critical Assessment (1 Course)
LING 150, PSYC 101 OR PHIL 210

Self and Cultural Awareness Outcome (18 credit hours):

Students must take courses from each awareness block as directed:

| | |
|---|--|
| <u>Fine Arts (1 Course)</u> | <u>Perceptions & Cultures (4 Courses)</u> |
| ART 140, 340, 341, 343, FA 101, MUS 130, 132, 133, 134 THE 100, 300 | 4 Courses from different groups GEO 205, 206 POLS 101, 201 SOC 150, SWK 201 REL, any SPAN, FREN, SPA252 HE 250 or HE 300 PHIL, any except PHIL210 |
| | 1 Course HIST HIST 103, 104, 210, 211 |

*ECON 103 strongly suggested as General Studies option for pre-vet students

Core Courses: (38 hours)

| | | | |
|--|-----|--------------------------------|-----|
| BIO 124/125 ^t (Prin Bio; F/S) | —/— | CHEM 112/113 (Chem II; S) | —/— |
| BIO 200 (Botany & lab; F/S) | — | PHYS 101/110 (Physics I; F) | —/— |
| BIO 202/203 (Zoo/lab; F/S) | —/— | PHYS 102/111 (Physics II; S) | —/— |
| BIO 208 (Found Cell/Molec; F/S) | — | MATH 145 ^t (Precal) | — |
| CHEM 110/111 ^t (Chem I; F) | —/— | BIO 221 (Biostats) | — |

^tCourses fulfill General Studies Analysis Outcome for Quantitative and Scientific blocks.

Required Courses (40 hours):

Approved 11/2015, effective Fall 2016; revised 2/26/2016; updated 12/19/2016; revised 4/11/2017; revised 3/15/2018

| | | | |
|-------------------------------|---------|--------------------------------|---------|
| BIO 325/326 (Micro/lab;F) | __ (4h) | BIO 426 (Comp An Phys/lab;S) | __ (4h) |
| BIO 343 (Vert. Zoology/lab;F) | __ (4h) | BIO 456 (An. Nutrition/lab; ?) | __ (4h) |
| BIO 356 (Parasitology & lab) | __ (4h) | BIO 458 (Reprod. Phys/lab) | __ (4h) |
| BIO 401 (Genetics/lab; S) | __ (4h) | BIO 480 (Capstone; F/S) | __ (1h) |
| CHEM 340/341(OChem1/lab;F) | __(4h) | CHEM 480 (Biochem; S) | __(3h) |
| CHEM 342/343(OChem2/lab;S) | __(4h) | OR | |
| | | BIO 470 (Biol Chem; F) | __(3h) |

Biology Electives: 5 credit hours of any combination of BIO 207 Fundamentals of Ecology & Biodiversity and/or BIO 300-400
Suggested courses: BIO 317 Immunology, BIO 335 Arthropod Diversity, BIO 346 Mycology, BIO 404/405 Ecology & lab, BIO 408 Herpetology, BIO 432 Histology, BIO 440 Conservation Biology, BIO 472 Cell Biology, BIO 479 Internship

General Electives: Any 300-400 level general electives to total 120h (120h required for graduation; roughly 3-6 credit hours dependent on choices in program).

Please check prerequisites for admission at each school for which you intend to apply by spring term of the sophomore year.

Most veterinary schools require **veterinary experience** as a prerequisite. The number of hours required by each school may vary. Please check veterinary experience requirements as you explore various programs and their prerequisites for admission.

Admission to veterinary school is highly competitive. Active research, summer internships at veterinary facilities/programs, community service, and other activities are necessary to help your application stand out during the admission process.

Courses may not be offered every semester/year; please consult with Biology advisor.