

Pre-Veterinary Certificate

The Preveterinary Certificate may be added to any four-year major degree program. Completion of the courses in this certificate will certify that students have completed pre-requisites to numerous professional veterinary programs. Non-science majors, transfer students, and post-baccalaureates will find this certificate particularly helpful in course selection needed for a successful application to veterinary school.

| Year 1 | Credits |
|---|----------------|
| BIOB 170IN - Principles of Biological Diversity | 4 |
| BIOB 160 - Principles of Living Systems or BIOB 260 - Cellular and Molecular Biology | 4 |
| STAT 216Q - Introduction to Statistics | 3 |
| CHMY 141 - College Chemistry I & CHMY 142 - College Chemistry I Lab | 4 |
| CHMY 143 - College Chemistry II & CHMY 144 - College Chemistry II Lab | 4 |
| ANSC 100 - Introduction to Animal Science | 3 |
| M 161Q - Survey of Calculus | 4 |
| Year Total: | 26 |
| Year 2 | Credits |
| ANSC 202 - Livestock Feeding & Nutrition | 3 |
| CHMY 211 - Elements of Organic Chemistry & CHMY 212 - Elements of Organic Chemistry Lab or CHMY 321 and CHMY 322 and CHMY 323 and CHMY 324 | 5 |
| PHSX 205 - College Physics I | 4 |
| BCH 380 - Biochemistry & BCH 381 - Biochemistry Lab | 5 |
| PHSX 207 - College Physics II | 4 |
| BIOB 375 - General Genetics or ANSC 322 - Principles of Animal Breeding and Genetics | 3 |
| BIOO 412 - Animal Physiology (Specific Vet Schools Require) or BIOO 310 - Comparative Vertebrate Anatomy | 4 |
| BIOM 360 - General Microbiology | 5 |
| Year Total: | 33 |
| Total Program Credits: | 59 |