

Animal Health Undergraduate Certificate

Location(s): Manhattan Campus, Manhattan Online

The certificate program will require the completion of a minimum of 15 credit hours relevant to the animal health industry. Elective courses in this curriculum may require prerequisites.

Required Animal Anatomy and Physiology Courses: 6-7 credit hours

ASI 150 - Anatomy and Physiology of Domestic Animals Credits: 3

OR

ASI 533 - Physiology of Domestic Animals Credits: 3

ASI 540 - Principles of Animal Disease Control Credits: 3

Concentration in Animal Health: 8-9 credit hours

In addition to the courses listed below, students may apply up to 3 credits of experiential learning courses (ASI 560, ASI 561 and ASI 599) to the certificate. The courses must be animal health related.

AAI 797 - U.S. Animal Politics and Policymaking Credits: 2

AP 600 - Introduction to Pharmacology for Health Professionals Credits: 3

AP 711 - Stem Cells and Comparative Biomedicine Credits: 2

ASI 210 - Intro to Animal Biotechnology Credits: 3

ASI 402 - Calving Credits: 1

ASI 444 - Equine Health Credits: 3

ASI 600 - Applied Animal Biotechnology Credits: 3

ASI 655 - Behavior of Domestic Animals Credits: 3

BIOL 513 - Physiological Adaptations of Animals Credits: 4

BIOL 521 - Evolution of Infectious Diseases Credits: 3

BIOL 670 - Immunology Credits: 3

DMP 313 - Introduction To Epidemiology Credits: 3

DMP 611 - Cow-Calf Health Systems Credits: 2

DMP 690 - Essential Practices for BSL-3 Research Settings Credits: 1

DMP 691 - Introduction to High Containment Laboratory Topics and Techniques Credits: 3

DMP 754 - Introduction to Epidemiology Credits: 3

ENTOM 305 - Animal Health Entomology Credits: 2

ENTOM 306 - Animal Health Entomology Laboratory Credits: 1

GRSC 615 - Animal Food Safety Credits: 1

Total Hours Required: 15