

# ANIMAL BIOHEALTH/PRE-PROFESSIONAL OPTION

---

This option is offered within the following major(s):

- Animal Sciences - College of Agricultural Sciences (<http://catalog.oregonstate.edu/college-departments/agricultural-sciences/animal-rangeland-sciences/animal-sciences-bs-hbs/>)

The Animal BioSciences/Pre-Professional option prepares students for professional careers in veterinary medicine, and animal science teaching and research. Extensive training is provided in the biological and physical sciences, offering an excellent foundation for graduate study.

Requirements include the core curriculum and additional credits as required by the College of Veterinary Medicine. The Animal BioSciences/Pre-Professional option is designed for students interested in fulfilling requirements for admission to the OSU College of Veterinary Medicine. It allows students who are admitted to the college, upon completion of three years of undergraduate study, to apply credit earned during the first year of professional study toward the BS degree in Animal Sciences.

Students choosing not to attend veterinary school after the third year of this program may complete additional requirements to qualify for the BS degree in Animal Sciences.

## Option Code: 709

Code	Title	Credits
<b>Required</b>		
BB 314	CELL AND MOLECULAR BIOLOGY	4
BB 450 & BB 451	GENERAL BIOCHEMISTRY and GENERAL BIOCHEMISTRY	7
CH 331 & CH 332	ORGANIC CHEMISTRY and ORGANIC CHEMISTRY	8
CH 337	ORGANIC CHEMISTRY LABORATORY	4
MB 230 or MB 302	*INTRODUCTORY MICROBIOLOGY GENERAL MICROBIOLOGY	3-4
MTH 112	*ELEMENTARY FUNCTIONS	4
MTH 241 or MTH 251	*CALCULUS FOR MANAGEMENT AND SOCIAL SCIENCE *DIFFERENTIAL CALCULUS	4
PH 201 & PH 202	*GENERAL PHYSICS and *GENERAL PHYSICS	10
ANS 380	PRINCIPLES OF ANIMAL ANATOMY AND PHYSIOLOGY <sup>1</sup>	3
ANS 385 or ANS 390	FOUNDATIONS OF MAMMALIAN HISTOLOGY <sup>1</sup> GROSS ANATOMY OF DOMESTIC ANIMALS	3-4
Total Credits		50-52

\*  
Baccalaureate Core Course (BCC)

1

These courses may be double counted in the upper-division Animal Sciences courses

## Option Code: 709