

PRE – VETERINARY MEDICINE

Effective Fall 2018

The Doctor of Veterinary Medicine degree (D.V.M.) is a rigorous four-year professional program preceded by three to four years of pre-professional study. Fisheries, Wildlife & Conservation Biology in the College of Food Agricultural and Natural and Natural Resource Sciences (CFANS) is one of four primary majors at the University of Minnesota that offers a pre-veterinary program.

The following courses are required in addition to the fisheries and wildlife core requirements and one of three areas of specialization (wildlife, conservation biology, or fisheries). Credits indicated in parentheses.

Required Courses

- ___ CHEM 1062 - Chemical Principles II [PHYS] (3)
- ___ CHEM 1066 - Chemical Principles II Laboratory [PHYS] (1)
- ___ BIOC 3021 Biochemistry (3)
- ___ CHEM 2301 Organic Chemistry I (3)
- ___ CHEM 2311 Organic Chemistry Lab (4)
- ___ CHEM 2302 Organic Chemistry II (3)
- ___ VBS 2032 - General Microbiology With Laboratory (5)
 - or* MICB 3301 - Biology of Microorganisms (5)
 - or* MICB 3303 - Biology of Microorganisms (3)

The Physics requirement must be satisfied with one of the following:

- Introductory College Physics: PHYS 1101W (4) & PHYS 1102W (4)
or Physics for Biology and Pre-medicine: PHYS 1201W (5) & PHYS 1202W, (5)
or Physics for Science and Engineering: PHYS 1301W (4) & PHYS 1302W, (4)

Other Recommended Courses

The following courses are not required to complete the pre-vet requirements

Take 0 or more course(s) from the following:

- ANSC 1101 - Introductory Animal Science (4) Fall/Spring
- FNRM 3131 - Geographical Information Systems (GIS) for Natural Resources [TS] (4) Fall/Spring
- FW 4103 - Principles of Wildlife Management (3) Fall
- ESPM 3241W - Natural Resource and Environmental Policy [SOCS, CIV, WI] (3) Spring
- ESPM 3575 - Wetlands (3) Spring
- FW 5603W - Habitats and Regulation of Wildlife [WI] (3) Fall
- EEB 4129 - Mammalogy (4) Fall/Spring
- ESPM 3011W - Ethics in Natural Resources [CIV, WI] (3) Fall/Spring
- FNRM 1101 - Dendrology: Identifying Forest Trees and Shrubs (3) Fall
- FW 5051 - Analysis of Populations (4) Spring
- EEB 4134 - Introduction to Ornithology (4) Fall/Spring