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).

**Group 1: Required Courses**
- **CHEM 1062 - Chemical Principles II [PHYS] (3.0 cr)**
- **CHEM 1066 - Chemical Principles II Laboratory [PHYS] (1.0 cr)**
- **BIOC 3021 Biochemistry**
- **CHEM 2301 Organic Chemistry I**
- **CHEM 2311 Organic Chemistry Lab**
- **VBS 2032 - General Microbiology With Laboratory (5.0 cr)**
  - or **MICB 3301 - Biology of Microorganisms (5.0 cr)**
  - or **MICB 3303 - Biology of Microorganisms (3.0 cr)**

**Chemistry**
- **CHEM 2302 - Organic Chemistry II (3.0 cr)**
  - or **CHEM 2304 - Organic Chemistry II for the Life Sciences (3.0 cr)**

The physics requirement must be satisfied with one of the following:
- Introductory College Physics: **PHYS 1101W (4) & PHYS 1102W (4)**
- Physics for Biology and Pre-medicine: **PHYS 1201W (5) & PHYS 1202W, (5)**
- Physics for Science and Engineering: **PHYS 1301W (4) & PHYS 1302W, (4)**

**Group 2: 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/Spring
- ESPM 3241W - Natural Resource and Environmental Policy [SOCS, CIV, WI] (3) Fall/Spring
- ESPM 3575 - Wetlands (3) Fall/Spring
- FW 5603W - Habitats and Regulation of Wildlife [WI] (3) Fall/Spring
- 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/Spring
- FW 5051 - Analysis of Populations (4) Fall/Spring
- EEB 4134 - Introduction to Ornithology (4) Fall/Spring