

PRE-VETERINARY MEDICINE

To become a veterinarian, you'll need a doctor of veterinary medicine (DVM) degree. Veterinary medicine schools are highly competitive, and admission is often based on academic performance, experience, and other factors. Recommended majors at Wayne State include Biology or Chemistry to receive the science and health-related coursework you'll need. You can also explore research and internship opportunities in veterinary medicine, along with courses in zoology, conservation biology, wildlife management, and animal behavior. After graduating with your bachelor's degree from WSC, you'll move on to a professional veterinary medicine school to earn your DVM degree.

fast facts

Recommended majors:

Life Sciences/Biology (B.A. or B.S.)
Chemistry/Health Sciences (B.A. or B.S.)

Departments: Physical Sciences and Mathematics, Life Sciences

School: Science, Health, and Criminal Justice

Suggested minors: Chemistry, Public and Global Health, Spanish

focus on results

Skills Learned

- Anatomy and physiology
- Evolutionary processes
- Biological systems and structures
- Research, data collection, and analysis
- Modern lab techniques
- Observation
- Communication
- Critical thinking and problem-solving

Possible Careers

- Veterinarian
- Research scientist
- Animal service worker
- Animal product developer
- Zoonotic disease specialist
- Biomedical researcher

Types of Employers

- Veterinary clinics
- Animal shelters
- Animal hospitals
- Zoos, farms, and ranches
- Private practices
- Government / federal agencies
- Research facilities
- Public health organizations
- Veterinary medicine companies
- Animal medicine labs
- Animal food companies

outside the classroom



Visit www.wsc.edu/clubs to learn more about clubs and organizations on campus.

Activities/Opportunities

- Peer mentoring and tutoring
- Service-Learning
- Study Abroad

Clubs/Organizations

- Biology Club
- Health Science Club
- Wildlife Society

The following information is provided to guide you in the pre-professional program described on this sheet. Every effort is made to ensure this information is current, but please be aware that some content may have changed. To develop a plan for choosing a major and registering for courses, please consult the current academic catalog and your advisor.

Suggested majors for Pre-Veterinary Medicine

The following majors are recommended for students planning to attend vet school. Additional electives may be recommended. Participation in the Pre-Veterinary Medicine program at WSC does not guarantee acceptance to a school of medicine.

Life Sciences/Biology (B.A. or B.S.) — Our Biology program lays the groundwork needed for students entering medical school and provides plenty of time in our biology and research labs.

Chemistry/Health Sciences (B.A. or B.S.) — The Health Sciences major offers a solid foundation in biology and chemistry, and emphasizes how these fields relate to careers in health and medicine.

Sample courses

Students may be advised to take the following courses while pursuing one of the recommended majors. Please consult with your advisor to draft a final plan of study, and be sure to check with your intended medical school to make sure you're meeting all prerequisite course requirements.

BIO 320 Molecular Genetics.....	4
BIO 330 Histology.....	3
BIO 345 Conservation Biology.....	3
BIO 346 Animal Behavior.....	3
BIO 385 Microbiology.....	4
BIO 400 Advanced Zoology.....	3
BIO 425 Evolution.....	3
BIO 430 Parasitology.....	3
BIO 434 Advanced Cellular Biology.....	3

department faculty



Visit www.wsc.edu/life-sciences-department to learn more about the Department of Life Sciences.

Visit www.wsc.edu/physical-sciences-mathematics-department to learn more about the Department Physical Sciences and Mathematics.

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