



What can I do with my Major?

PATHOBIOLOGY

SAMPLE JOB TITLES

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[Veterinarian](#)
[Immunologist](#)
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[Microbiologist](#)
[Forensic Pathologist](#)
[Pathovirologist](#)
[Biomedical Technician](#)
[Pathobiologist](#)
[Biomedical Researcher](#)
[Teacher](#)

UCONN RESOURCES

[Department of Pathobiology and Veterinary Science](#)
[Block & Bridle](#)
[Poultry Science Club](#)
[Pre-Vet Club](#)
[The Wildlife Society](#)
[Alpha Zeta](#)
[Sigma Alpha](#)
[Controlled Release Society \(CRS\)](#)

OTHER RESOURCES

[American Association for Laboratory Animal Science](#)
[American Veterinary Medical Association](#)
[Center for Disease Control and Prevention](#)

OVERVIEW OF MAJOR

Pathobiology involves the study of animal science, animal disease, anatomy, and microbiology. It scrutinizes the very specific and microscopic study of normal and pathological anatomy and microbiology of laboratory animals, domestic mammals, birds, and free living mammals. It also examines, on a more macroscopic level, the overall epidemiology of animal disease and its relevance to people and the ecological environment at large.

The undergraduate coursework for Pathobiology involves Pathovirology Science, Microbiology, Biochemistry, Genetics, Nutrition, Immunology, and Cell Biology. The Department of Pathobiology and Veterinary Science offers opportunities in undergraduate research projects to heighten students' level of educational experience, along with opportunities for student employment, scholarship money, and awards. The department also offers an active seminar series that functions as a forum for various scientific investigators to present their research and to interact with students and faculty.

NATURE OF WORK

Pathobiologists generally are found in careers that involve helping animals, such as veterinary medicine or para-veterinary medicine. They are also found working in other facets of medicine. They work in biotechnology, the biomedical sciences, and various lab and research positions in the health field, such as pharmaceutical or vaccine companies, and specific animal research facilities.

