



DELAWARE VALLEY
UNIVERSITY

CONSERVATION AND WILDLIFE MANAGEMENT (B.S.)

*"[DeVal] professors were the catalyst to help me reach my goals."
— Peter Tantillo '16*

ABOUT THE PROGRAM

Conservation and wildlife management students will learn the taxonomy, behavior, ecology, animal handling techniques, biologic management of wildlife and their habitats, and the human dimensions of wildlife management and conservation. Graduates of the program will understand the array of factors that affect habitat and species conservation and will be prepared for application to graduate school or employment in a wide variety of wildlife management, wildlife care and environmental education professions.

CAREER OPPORTUNITIES

With 100 percent of our students having real-world, hands-on experience, graduates with a degree in conservation and wildlife management are able to:

- Apply to graduate school or veterinary school
- Pursue a career within wildlife research
- Pursue a career in wildlife biology, conservation or game management
- Pursue a career in state and national parks, game preserves or wildlife rehabilitation
- Pursue a career in environmental education
- Pursue a career as a zoo or aquarium professional

FACILITIES

- 1,000 acres of land, much of which serves as a living classroom in several courses
- New Life Sciences Building with seven classrooms and four multipurpose labs
- Two small animal facilities that offer hands-on animal experiences, as well as holding collections used in educational outreach to the community
- Two wildlife management labs and access to field and laboratory equipment (e.g. qPCR)

THE EXPERIENCE360 PROGRAM

The Experience360 Program (E360) is central to a DeVal education and embraces a full range of activities and opportunities that will give you well-rounded experiences that can't be found anywhere else. This approach will prepare you for a life of meaningful work, service and career growth. Integrating knowledge and experience, you'll be prepared to put your skills into action as globally responsible citizens. One hundred percent of our students will gain real-world competencies through internships, career exploration, student research, study abroad, leadership development, community service or civic engagement.

ABOUT DELVAL

Delaware Valley University, an independent, comprehensive university of more than 1,000 acres in Bucks and Montgomery counties, features individualized attention and emphasizes experiential and interdisciplinary learning. Located in Doylestown, Pennsylvania, DeVal offers more than 25 undergraduate majors, six master's programs, a doctoral program, and a variety of adult education courses.



DELAWARE VALLEY UNIVERSITY

Office of Admission

700 E. Butler Ave. Doylestown, PA 18901

1.800.2.DELVAL (800.233.5825) | delval.edu

delval.edu/animal-biotechnology

CONSERVATION AND WILDLIFE MANAGEMENT

CURRICULUM

Freshman Year

First Semester

BY 1116 - Biological Science I 3 credits
CH 1103 - General Chemistry I 3 credits
CH 1103L - General Chemistry I Laboratory 1 credit
EN 1101 - College Writing I 3 credits
FY 9900 - DelVal Experience I 1 credit
MP 1102 - College Algebra 3 credits or
MP 1203 - Elementary Functions 3 credits or
MP 1204 - Calculus I 4 credits
SA 1105 - Introduction to Animal Management 3 credits

Total: 17-18 Credits

Second Semester

FY 9901 - DelVal Experience II 1 credit
BY 1217 - Biological Science II 3 credits
CH 1203 - General Chemistry II 3 credits
CH 1203L - General Chemistry II Laboratory 1 credit
EN 1201 - College Writing II 3 credits
IT 1011 - Information Technology Concepts 1.5 credits
IT 1012 - Computer Applications 1.5 credits
MP 1203 - Elementary Functions 3 credits or
MP 1205 - Finite Mathematics 3 credits or
MP 1210 - Applied Mathematics 3 credits

Total: 17 Credits

Sophomore Year

First Semester

BY 2108 - Ecology 4 credits
CH 2003 - Principles of Organic Chemistry 3 credits and
CH 2003L - Principles of Organic Chemistry Laboratory 1 credit or
CH 2120 - Organic Chemistry I 3 credits and
CH 2120L - Organic Chemistry I Laboratory 1 credit
LA 2005 - Speech 3 credits
Elective 4 credits

Total: 15 Credits

Second Semester

BY 2003 - Genetics 3 credits
EN 2028 - Introduction to Literature 3 credits
MP 3231 - Statistics for Science 3 credits or
MP 3250 - Biostatistics 3 credits
SA 3124 - Animal Behavior 3 credits
Humanities Area 3 credits

Total: 15 Credits

Junior Year

First Semester

AS 3118 - Anatomy and Physiology of Animals 4 credits
AS 3123 - Animal Husbandry Techniques 2 credits
SA 3112 - Wildlife Management 3 credits
Major Elective 3 credits
Elective 3 credits

Total: 15 Credits

Second Semester

Select One:

SA 3032 - Herpetology 3 credits or
SA 3034 - Mammalogy 3 credits or
SA 3133 - Aquatic Animal Science 3 credits or
BY 2240 - Ornithology 3 credits or
BY 3007 - Entomology 3 credits
Humanities Area 3 credits
Major Elective 3 credits
Elective 6 credits

Total: 15 Credits

Senior Year

First Semester

BA 2008 - Macroeconomics 3 credits
LA 1060 - Introduction to the Fine Arts 3 credits
Major Elective 3 credits
Elective 4 credits
SA 4016 - Senior Seminar 1 credit

Total: 14 Credits

Second Semester

Social Science Area 3 credits
LA 4037 - Non-Western Societies 3 credits
SA 4124 - Pathology and Diseases of Small Animals 3 credits or
SA 4123 - Wildlife Health and Disease 3 credits
Major Elective 3 credits

Total: 12 Credits

Humanities Area select two courses from the following:

LA 2040 - Modern History of Western Societies 3 credits
LA 2042 - Introduction to Philosophy 3 credits
LA 2138 - History of Western Civilization I 3 credits
LA 1032 - American History and Government Since 1877 3 credits
LA 4127 - United States Foreign Policy 3 credits

Conservation and Wildlife Management Electives (12 credits)

LAES 2004 - Soils 3 credits
LAES 2118 - Woody Plant Identification II 2 credits
LAES 2220 - Woody Plant Identification I 2 credits
LAES 3105 - Soil Conservation 3 credits
LAES 3107 - Environmental Geology 3 credits
LAES 3132 - Dendrology 3 credits
LAES 3140 - Environmental Impacts 3 credits
LAES 3145 - Land Planning and the Law 3 credits
LAES 3220 - Watershed Management 3 credits
LAES 3250 - Introduction to Environmental Remediation 3 credits
LAES 4015 - Regional Land Use Planning 3 credits
BY 2001 - Botany 4 credits
BY 2235 - Plant Communities 3 credits
BY 2240 - Ornithology 3 credits
BY 3002 - General Microbiology 4 credits
BY 3007 - Entomology 3 Credits
BY 3126 - Limnology 4 credits
BY 3203 - Taxonomy of Vascular Plants 3 credits
BY 3250 - Tropical Ecology 4 credits
BY 4208 - Quantitative Ecology 3 credits
CH 2131 - Descriptive Environmental Chemistry 2 credits
EN 3056 - Technical Writing 3 credits
EN 3051 - Professional Communication 3 credits
IT 3205 - Geographic Information Systems 3 credits
SA 2110 - Introduction to Zoo Keeping 3 credits
SA 3032 - Herpetology 3 credits
SA 3034 - Mammalogy 3 credits
SA 3050 - Animals in the Public Eye 3 credits
SA 3123 - Aquatic Animal Science 3 credits
SA 4033 - Wildlife Conservation 3 credits
SA 4055 - Environmental Education Certification 3 credits
SA 4226 - Wildlife Law and Policy 3 credits

This is a recommended course sequence. It is not a complete course listing and is subject to change.