



DELAWARE VALLEY
UNIVERSITY

CONSERVATION AND WILDLIFE MANAGEMENT (B.S.)

"I can easily say that I have never felt like just a number during my four-year stay. I definitely benefited and grew from being able to have a more personal relationship with the faculty." — Bill Woodroffe '15

ABOUT THE PROGRAM

Conservation and wildlife management students will learn the taxonomy, behavior, ecology, animal handling, 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. Graduates of the program 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 science labs
- On-campus colony of the threatened Allegheny woodrat

THE EXPERIENCE360 PROGRAM

The Experience360 Program (E360) is central to a DelVal education and embraces a full range of activities and opportunities that give our students well-rounded experiences that can't be found anywhere else. This approach prepares our students for a life of meaningful work, service and career growth. Integrating knowledge and experience, they'll be prepared to put their 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, DelVal 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

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delval.edu/animal-biotechnology

CONSERVATION AND WILDLIFE MANAGEMENT **DLIFE**

CURRICULUM

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

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 - English I 3 credits
FY 9900 - DeVal Experience I 1 credit

MP 1102 - College Algebra 3 credits or
MP 1203 - Elementary Functions 3 credits

SA 1105 - Introduction to Animal Management 3 credits
Total: 18 Credits

Second Semester

FY 9901 - DeVal 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 - English 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 1204 - Calculus I 4 credits
Total: 17-18 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 1 credit
Elective 3 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
Elective 1 credit
Humanities Area 3 credits
Total: 16 Credits

Junior Year

First Semester

AS 3123 - Animal Husbandry Techniques 2 credits
DS 3118 - Anatomy and Physiology of Animals 4 credits
SA 3112 - Wildlife Management 3 credits
Major Elective 3 credits
Elective 3 credits
Total: 15 Credits

Second Semester

SA 3032 - Herpetology 3 credits or
SA 3034 - Mammalogy 3 credits or
SA 3133 - Aquatic Animal Science 3 credits
BY 2240 - Ornithology 3 credits
BY 3007 - Entomology 3 Credits
Total: 12 Credits

Senior Year

First Semester

BA 2008 - Macroeconomics 3 credits
LA 1060 - Introduction to the Fine Arts 3 credits
Major Elective 3 credits
Elective 3 credits
SA 4016 - Senior Seminar 1 credit
Total: 13 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
Total: 15 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
PS 2013 - Agricultural Machinery 3 credits
LAES 3105 - Soil Conservation 3 credits
LAES 3107 - Environmental Geology 3 credits
LAES 3140 - Environmental Impacts 3 credits
AE 3145 - Land Planning and the Law 3 credits
LAES 3220 - Watershed Management 3 credits
LAES 4015 - Regional Land Use Planning 3 credits
BY 2001 - Botany 4 credits
BY 2010 - Introduction to Aquaculture 3 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
CH 2131 - Descriptive Environmental Chemistry 2 credits
EN 3056 - Technical Writing 3 credits
EN 2226 - Professional Communication 3 credits
LAES 3132 - Dendrology 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
CH 2131 - Descriptive Environmental Chemistry 2 credits