ABOUT THE PROGRAM

In the environmental science degree program, you’ll have hands-on learning specializations to match your interests. Our specializations focus upon environmental and social issues facing the world today. You will receive the tools needed to evoke realistic and comprehensive solutions. You will take courses on soils, water, land use planning, climate, wildlife habitats, native ecosystems, and the relationship between humans and the Earth. You will learn to think critically and creatively while solving problems through the assessment of living systems and employment of sustainable strategies. Our success is found in our students and alumni who quickly find employment and go on to highly successful careers as environmental scientists, soil scientists, watershed specialists, site contamination specialists and more throughout private and public industry sectors.

FACILITIES

• Woodlands, waterways, meadows, pasture and farmland on our 571-acre main campus and more than 1,200 acres
• State-of-the-art soil science laboratory, hydroponic/aquaponics systems, year-round greenhouses and newly renovated design studios
• Computer labs with the latest GIS, AutoCAD and other industry computer software
• The Regenerative Land Institute and its focus on research and community-based regional and international projects to solve global land use issues

SPECIALIZATIONS

SOILS AND LAND USE
Soils are alive! The use of land has a profound relationship with these living systems. Learn how to conserve, assess, manage and build healthy soils for our future.

HABITAT MANAGEMENT
Habitat is the physical environment that wildlife calls home. It provides the necessities to sustain life. Learn to assess, conserve, manage and regenerate these vital ecosystems.

WATER QUALITY AND WATERSHED MANAGEMENT
Water. Too much or too little. Drinkable or toxic. Critical to sustaining life on Earth. Threatened and declining. Learn to assess, manage, conserve and enhance our vital water systems.

POLLUTION AND REMEDIATION
Human’s generate waste. As our global population exceeds 7 billion people, our lands and waters have been saturated with contaminates. Learn about the choices we have made and environmental remediation techniques to clean our soils, water and air.

BUILD YOUR OWN
A unique offering to study the diverse field of environmental science on your own terms. Work closely with your academic advisor to build your education in preparation of graduate school or to specialize in more than one area of emphasis.

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, 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.” — Marian Rubin ’17

delval.edu/landscape-architecture
CAREER OPPORTUNITIES

With 100 percent of our students having real-world, hands-on experience, graduates with a degree in environmental science are able to:

• Work with local, state and national environmental protection, conservation and research agencies and park services
• Address issues of water quality and watershed management
• Work in the private sector for environmental consulting, remediation and engineering companies
• Work as a soil scientist to help build and conserve this critical resource
• Work for agricultural research agencies and consulting companies
• Attend graduate school

THE EXPERIENCE360 PROGRAM

The Experience360 Program (E360) is central to a DelVal 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.

CURRICULUM

LAES 1120 - Sustainability: Saving the Earth and Feed the People 3 credits
CH 1103 - General Chemistry I 3 credits
CH 1103L - General Chemistry I Lab 1 credit
EN 1101 - College Writing I 3 credits
FY 9900 - DelVal Experience I 1 credit
MP 1102 - College Algebra 3 credits
CH 1203 - General Chemistry II 3 credits
CH 1203L - General Chemistry II Lab 1 credit
EN 1201 - College Writing II 3 credits
LA 2005 - Speech 3 credits
MP 1203 - Elementary Functions 3 credits
IT 1011 - Information Technology Concepts 1.5 credits
IT 1012 - Computer Applications 1.5 credits
LAES 2004 - Soils 3 credits
LAES 2017 - Topographical Surveying and GIS 3 credits
BY 1116 - Biological Science I 3 credits
CH 2003 - Principles of Organic Chemistry 3 credits
CH 2003L - Principles of Organic Chemistry Lab 1 credit
LA 1060 - Introduction to Fine Arts 3 credits
LAES 3125 - Principles of Ecology 3 credits
BY 1217 - Biological Science II 3 credits
EN 2028 - Introduction to Literature 3 credits
PS 2101 - Botany of Vascular Plants 3 credits
PS 4211 - Seminar (Agronomy) 1 credit
IT 3205 - Geographic Information Systems 3 credits
LAES 3220 - Watershed Management 3 credits
BA 2008 - Macroeconomics 3 credits
LAES 3132 - Dendrology 3 credits
LA 4037 - Non-Western Societies 3 credits
PS 4211 - Seminar (Agronomy) 1 credit
LAES 3107 - Environmental Geology 3 credits

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