ABOUT THE PROGRAM

The landscape design/build program is focused upon the design, installation and management of residential and commercial landscapes. Students study a series of plant identification courses, design courses, courses on landscape construction, and courses focused upon the management of existing landscapes. Coursework allows for opportunities to work with their peers to solve real-life situations with creative solutions. Through both classes and co-curricular activities, students are able to experience the industry in regions across the country and internationally. Our graduates are highly desired by well-respected companies and have extensive opportunities for challenging employment.

CAREER OPPORTUNITIES

With 100 percent of our students having real-world, hands-on experience, graduates with a degree in landscape design/build are able to:

- Work with private land owners, municipalities, and non-profits as entrepreneurs, construction managers, field supervisors, and landscape designers to sustainably plan, construct and manage our natural and human environments
- Work in the tree care and urban forestry industries
- Restore and manage ecological systems and wildlife habitats
- Address issues of water quality and watershed management
- Attend graduate school

FACILITIES

- Specialized training from experts in plants and plant management, trees and urban forestry, soils and land use, garden and planting design, sustainable construction materials and practices, and other areas of emphasis
- Design studios with the latest GIS, AutoCAD and graphic computer software, WiFi, drafting tables and a living wall
- Woodlands, waterways, meadows, pasture and farmland on our 571-acre main campus and more than 1,200 acres overall
- State-of-the-art wood and machine shop, plant nursery, soil science laboratory, hydroponic/aquaponics systems and year-round greenhouses
- Schmieder Arboretum, which encompass the 60-acre north campus, includes native and ornamental plants with specialized garden themes
- The Regenerative Land Institute and its focus on research and community-based regional and international projects to solve global land use issues

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.

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.

“Even with growing up in a small town, I had never seen the sense of pride and community atmosphere that exists on this campus.” — Andrew Rudd ’17
# 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
- **FY 9900** - DelVal Experience I 1 credit
- **EN 1101** - English I 3 credits
- **MP 1102** - College Algebra 3 credits or **MP 1203** - Elementary Functions 3 credits
- **PS 2014** - Floriculture Techniques 3 credits or **LAES 2015** - Landscape Techniques 3 credits

Total: 17 Credits

### Second Semester
- **CH 1203** - General Chemistry II 3 credits
- **CH 1203L** - General Chemistry II Laboratory 1 credit
- **EN 1201** - English II 3 credits
- **Elective** 1 credit
- **FY 9901** - DelVal Experience II 1 credit
- **MP 1203** - Elementary Functions 3 credits or **MP 1204** - Calculus I 4 credits
- **PS 2014** - Floriculture Techniques 3 credits or **LAES 2015** - Landscape Techniques 3 credits

Total: 15-16 Credits

## Sophomore Year
### First Semester
- **LAES 2004** - Soils 3 credits
- **BA 2008** - Macroeconomics 3 credits
- **BY 2003** - Genetics 3 credits
- **PS 2101** - Botany of Vascular Plants 3 credits
- **LAES 2220** - Woody Plant Identification I 2 credits
- **Elective** 1 credit
- **Elective or Major Elective** 2 credits

Total: 17 Credits

### Second Semester
- **LAES 2017** - Topographical Surveying & GIS 3 credits
- **EN 2028** - Introduction to Literature 3 credits
- **IT 2101** - Information Technology Concepts 1.5 credits
- **IT 2102** - Computer Applications 1.5 credits
- **LA 2005** - Speech 3 credits
- **LAES 2118** - Woody Plant Identification II 2 credits
- **Elective or Major Elective** 2 credits

Total: 16 Credits

## Junior Year
### First Semester
- **PS 2005** - Plant Physiology 3 credits
- **PS 3005** - Plant Propagation 3 credits
- **LAES 3117** - Herbaceous Plant Materials I 2 credits
- **Electives or Major Electives** 4 credits

Total: 15 Credits

### Second Semester
- **BY 3007** - Entomology 3 Credits
- **LAES 2247** - Design Studio II: Site Design 3 credits
- **LAES 3217** - Herbaceous Plant Materials II 2 credits
- **Humanities Area** 3 credits
- **Electives or Major Electives** 4 credits

Total: 15 Credits

## Senior Year
### First Semester
- **PS 4005** - Plant Pathology 3 credits
- **LA 4037** - Non-Western Societies 3 credits
- **OH 3124** - Landscape Construction 3 credits
- **Social Science Area** 3 credits
- **Elective or Major Elective** 3 credits

Total: 15 Credits

### Second Semester
- **LA 1060** - Introduction to the Fine Arts 3 credits
- **LAES 4008** - Seminar 1 credit
- **LAES 4230** - Landscape Contracting and Bidding 3 credits
- **Electives or Major Electives** 8 credits

Total: 15 Credits

Social Science area select one of the following:
- **LA 2012** - Introduction to Sociology 3 credits
- **LA 2036** - Introduction to Psychology 3 credits
- **LA 4203** - Social Psychology and Human Interaction 3 credits

Social Science 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

Take 11 credits from the following courses:
- **AE 3106** - Turf and Grounds Machinery Mgt 3 credits
- **PS 3108** - Irrigation Technology 3 credits
- **PS 3114** - Introduction to Turf Management 3 credits
- **PS 3202** - Plant Genetics 3 credits
- **PS 3230** - Turf Cultural Systems 3 credits
- **PS 4116** - Weed Science 3 credits
- **BY 2235** - Plant Communities 3 credits
- **IT 3220** - Computer-Aided Design 3 credits
- **PS 2240** - Organic Food & Fiber 3 credits
- **PS 3025** - Plant Cell and Tissue Culture 2 credits
- **PS 3231** - Hydroponics 3 credits
- **PS 3240** - Integrated Pest Management 3 credits
- **PS 4132** - Principles of Plant Protection 3 credits
- **PS 4225** - Plant Disease Diagnosis 3 credits
- **LAES 1125** - Introduction to Design 1 credit
- **LAES 3109** - Interior Plant Identification, Culture and Use 2 credits
- **LAES 3210** - Interior Plantscaping 2 credits
- **LAES 2133** - Design Studio I: Design Process and Communication 2 credits
- **LAES 3215** - History of Landscape Architecture 2 credits
- **LAES 3225** - Arboriculture 3 credits
- **LAES 4125** - Design Studio V: Natural Systems 3 credits
- **LAES 4237** - Design Studio VI: Senior Projects 3 credits
- **LAES 4290** - Professional Practice Seminar 1 credit
- **LAES 3240** - Advanced Woody Plant Materials 2 credits
- **LAES 3221** - Design Studio IV: Built Environments 3 credits
- **PS 4206** - Nursery Management 3 credits
- 2 General electives
- **PS 4209** - Greenhouse Management 3 credits
- **LAES 3130** - Design Studio III: Master Planning 3 credits