

# LANDSCAPE CONTRACTING, B.S.

**Begin Campus:** Any Penn State Campus

**End Campus:** University Park

## Degree Requirements

For the Bachelor of Science degree in Landscape Contracting, a minimum of 120 credits is required:

Requirement	Credits
General Education	45
Electives	2-16
Requirements for the Major	80-97

21-24 of the 45 credits for General Education are included in the Requirements for the Major. This includes: 3 credits of GWS courses; 3-6 credits of GA courses; 3 credits of GQ courses; 9 credits of GN courses; 3 credits of GS courses.

### Requirements for the Major

To graduate, a student enrolled in the major must earn a grade of C or better in each course designated by the major as a C-required course, as specified by Senate Policy 82-44 (<https://senate.psu.edu/policies-and-rules-for-undergraduate-students/82-00-and-83-00-degree-requirements/#82-44>).

### Common Requirements for the Major (All Options)

Code	Title	Credits
<b>Prescribed Courses</b>		
ACCTG 211	Financial and Managerial Accounting for Decision Making	4
CHEM 101	Introductory Chemistry	2-3
ENGL 202D	Effective Writing: Business Writing	3
HORT 410W	Issues in Landscape Contracting	3
LARCH 60	Cultural History of Designed Places	3
PLANT 217	Landscape Soil and Water Management	3
SOILS 101	Introductory Soil Science	3
<i>Prescribed Courses: Require a grade of C or better</i>		
HORT 101	Horticultural Science	3
HORT 120	Computer Applications for Landscape Contracting	2
HORT 131	Herbaceous Perennial and Annual Identification	3
HORT 137	Ornamental Plant Materials	3
HORT 138	Ornamental Plant Materials	3
HORT 408	Landscape Plant Establishment and Maintenance	4
HORT 468	Landscape Estimating and Bidding	2
<b>Additional Courses</b>		
BIOL 110 or BIOL 127	Biology: Basic Concepts and Biodiversity Introduction to Plant Biology	3-4
MKTG 220 or BA 303	Introduction to Selling Techniques Marketing	3
TURF 100 or TURF 235	Introduction to Turfgrass Management The Turfgrass	3
Select one of the following:		3

AGBM 101	Economic Principles of Agribusiness Decision Making	
ECON 14	Principles of Economics	
ECON 102	Introductory Microeconomic Analysis and Policy	
ECON 104	Introductory Macroeconomic Analysis and Policy	
Select one of the following:		3
BA 250	Small Business Management	
BA 304	Management and Organization	
HORT 455	Retail Horticulture Business Management	
Select one of the following:		3-4
BA 241 & BA 242	Legal Environment of Business and Social and Ethical Environment of Business	
BA 243	Social, Legal, and Ethical Environment of Business	
BLAW 243	Legal Environment of Business	
Select one of the following:		3-5
MATH 26	Plane Trigonometry and Applications of Trigonometry	
MATH 40	Algebra, Trigonometry, and Analytic Geometry	
MATH 41	Trigonometry and Analytic Geometry	
MATH 140	Calculus With Analytic Geometry I	
Select one of the following:		4
SPAN 1	Elementary Spanish I	
SPAN 2	Elementary Spanish II	
SPAN 105	Elementary Spanish I for Students in the Agricultural Sciences	

### Requirements for the Option

Select an option		14-26
------------------	--	-------

### Requirements for the Option Design/Build Option (25-26 credits)

Code	Title	Credits
<b>Prescribed Courses</b>		
ART 20	Introduction to Drawing	3
EDSGN 10		1
<i>Prescribed Courses: Require a grade of C or better</i>		
HORT 220	CAD Applications in Landscape Contracting	3
HORT 269	Residential Landscape Planning	3
HORT 368	Landscape Planting Design	4
HORT 464	Landscape Construction I	4
HORT 466	Landscape Construction II	5

### Additional Courses

Select 2-3 credits from the following:		2-3
ENT 313	Introduction to Entomology	
ENT 314	Management of Insect Pests of Ornamentals	
HORT 238	Turf and Ornamental Weed Control	
PPEM 300	Horticultural Crop Diseases	
PPEM 318	Diseases of Forest and Shade Trees	

### Management Option (14-15 credits)

Code	Title	Credits
<b>Prescribed Courses</b>		
ENT 313	Introduction to Entomology	2
ENT 314	Management of Insect Pests of Ornamentals	1
SOILS 401	Soil Composition and Physical Properties	3

*Prescribed Courses: Require a grade of C or better*

HORT 238	Turf and Ornamental Weed Control	3
HORT 250	Landscape Contracting Design/Build Principles	3

#### **Additional Courses**

PPEM 300	Horticultural Crop Diseases	2-3
or PPEM 318	Diseases of Forest and Shade Trees	

## **General Education**

Connecting career and curiosity, the General Education curriculum provides the opportunity for students to acquire transferable skills necessary to be successful in the future and to thrive while living in interconnected contexts. General Education aids students in developing intellectual curiosity, a strengthened ability to think, and a deeper sense of aesthetic appreciation. These are requirements for all baccalaureate students and are often partially incorporated into the requirements of a program. For additional information, see the General Education Requirements (<https://bulletins.psu.edu/undergraduate/general-education/baccalaureate-degree-general-education-program/>) section of the Bulletin and consult your academic adviser.

The keystone symbol appears next to the title of any course that is designated as a General Education course. Program requirements may also satisfy General Education requirements and vary for each program.

### **Foundations (grade of C or better is required and Inter-Domain courses do not meet this requirement.)**

- **Quantification (GQ):** 6 credits
- **Writing and Speaking (GWS):** 9 credits

### **Breadth in the Knowledge Domains (Inter-Domain courses do not meet this requirement.)**

- **Arts (GA):** 3 credits
- **Health and Wellness (GHW):** 3 credits
- **Humanities (GH):** 3 credits
- **Social and Behavioral Sciences (GS):** 3 credits
- **Natural Sciences (GN):** 3 credits

### **Integrative Studies**

- **Inter-Domain Courses (Inter-Domain):** 6 credits

### **Exploration**

- **GN**, may be completed with Inter-Domain courses: 3 credits
- **GA, GH, GN, GS, Inter-Domain courses.** This may include 3 credits of World Language course work beyond the 12th credit level or the requirements for the student's degree program, whichever is higher: 6 credits

## **University Degree Requirements**

### **First Year Engagement**

All students enrolled in a college or the Division of Undergraduate Studies at University Park, and the World Campus are required to take 1 to 3 credits of the First-Year Seminar, as specified by their college First-Year Engagement Plan.

Other Penn State colleges and campuses may require the First-Year Seminar; colleges and campuses that do not require a First-Year Seminar provide students with a first-year engagement experience.

First-year baccalaureate students entering Penn State should consult their academic adviser for these requirements.

### **Cultures Requirement**

6 credits are required and may satisfy other requirements

- United States Cultures: 3 credits
- International Cultures: 3 credits

### **Writing Across the Curriculum**

3 credits required from the college of graduation and likely prescribed as part of major requirements.

### **Total Minimum Credits**

A minimum of 120 degree credits must be earned for a baccalaureate degree. The requirements for some programs may exceed 120 credits. Students should consult with their college or department adviser for information on specific credit requirements.

### **Quality of Work**

Candidates must complete the degree requirements for their major and earn at least a 2.00 grade-point average for all courses completed within their degree program.

### **Limitations on Source and Time for Credit Acquisition**

The college dean or campus chancellor and program faculty may require up to 24 credits of course work in the major to be taken at the location or in the college or program where the degree is earned. Credit used toward degree programs may need to be earned from a particular source or within time constraints (see Senate Policy 83-80 (<https://senate.psu.edu/policies-and-rules-for-undergraduate-students/82-00-and-83-00-degree-requirements/#83-80>)). For more information, check the Suggested Academic Plan for your intended program.