

Landscape Contracting Student Handbook

2016-2017



PennState
College of Agricultural Sciences

Department of Plant Science
Undergraduate Advising Office
117 Tyson Building
University Park, PA 16802
plantscience.psu.edu

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Introduction

Welcome to the Department of Plant Science at Penn State! This student hand book is designed to give you an overview of the Landscape Contracting major and to provide you with information related to graduation requirements, career opportunities and course curriculum.

Our goal is to prepare students to succeed in a broad range of careers related to the design, construction and management of landscapes. We will meet this objective by providing students with a large selection of rigorous current and relevant courses in traditional plant science disciplines including horticulture, plant identification, landscape design and construction, computer applications in landscape contracting, entomology, plant pathology, and soil science along with supporting courses offered by other colleges at Penn State.

Major Overview

Landscape Contracting is a professional program that studies the art and science of design, construction, and management of landscape spaces. Emphasis is placed upon the technical and creative skills that serve as the foundation of the profession. Design projects are focused on residential sites and garden development, while construction technology and landscape management processes expand into commercial applications as well.

Students in the Landscape Contracting major will learn how to construct, establish, and maintain landscapes from small residential projects to large commercial and industrial projects, as well as produce plans for small-scale residential and commercial sites. Students develop skills in construction, site design, plant material usage, plant establishment, and landscape maintenance. Students are also educated in areas such as graphics, surveying, soils, turfgrass management, weed and pest management, and in business operations.

Students are encouraged to obtain on-the-job experience in landscape contracting by working with a landscape maintenance or construction firm, or other related business. Credits for this experience are available for those who choose to enroll in an internship.

A wide variety of opportunities exist for landscape contracting graduates. Employment opportunities may be found with design/build firms, landscape management firms, nurseries, or garden centers. Others may choose to work for municipalities, golf courses, parks, or botanical gardens.

For more information about the program, please contact:

Dan Stearns
Program Coordinator, Landscape Contracting
Department of Plant Science
306 Tyson Building
University Park, PA 16802
dts3@psu.edu
(814) 863-6167

Advising Information

Advising at Penn State should be viewed as a shared responsibility between the adviser and the advisee. Active participation in both parties is the key to successful advising.

When you enter the Landscape Contracting major you will be assigned a faculty adviser who will work in tandem with the department's advising coordinator. Your advisers will help you understand your academic strengths and help you achieve your educational goals. Your advisers will also provide guidance with academic planning, career and internship opportunities, and recommend appropriate course selections.

Students are responsible for developing and implementing their academic plan in conjunction with a Landscape Contracting adviser. Your adviser can be an invaluable resource and mentor. Students are encouraged to meet with their adviser on a regular basis (at least once a semester). Email is the most effective method for arranging an appointment or for getting a question answered by your adviser. Contact them well in advance of registration and other academic deadlines.

Students should take an active role in planning their course work in order to meet all requirements and to graduate in a timely manner. Keep track of your progress by reviewing your Degree Audit on LionPath (lionpath.psu.edu) and updating your Landscape Contracting checksheet (pages 8-9, depending on your option) each semester.

Your advisers are committed to making your experience at Penn State enjoyable and fulfilling. Please let us know how we can help you achieve your educational and personal goals. We look forward to working with you in the Landscape Contracting major!

For more information about advising, please contact:

Tarrah Geszvain
Advising Coordinator, Department of Plant Science
117 Tyson Building
University Park, PA 16802
thg110@psu.edu
(814) 863-6087

Program Options

DESIGN/BUILD OPTION:

This option focuses on the development of skills in the planning and implementation of landscape projects. Students in this option will take several design and construction-based classes such as Computer Aided Applications in Landscape Contracting, Landscape Construction and Planting Design. Employment opportunities for student in the Design/Build option exist with landscape contracting companies in landscape construction and design, project estimating and bidding, and marketing and sales.

MANAGEMENT OPTION:

This option provides professional education in the management of landscapes. Students in this option will take courses in Landscape Contracting Design/Build Principles, Turf and Ornamental Weed Control, Plant Pathology, Entomology, and Soil Science. Employment opportunities include positions with landscape contracting companies as field managers, horticulturalists, crew foreman and leaders, and lawn and golf course technicians.

**Recommended Academic Plan for Landscape Contracting Major – Design/Build Option
University Park**

| Semester 1 | Credits | Semester 2 | Credits |
|--|---------|--|-----------|
| Humanities (GH) | 3 | <i>LARCH 060</i> – History of Design on the Land (GA) | 3 |
| AG 150S – First year seminar (S) | 2 | <i>MATH 026</i> – Plane Trigonometry (GQ) | 3 |
| <i>ENGL 015</i> – Rhetoric and Composition (GWS) | 3 | <i>CAS 100</i> – Effective Speech (GWS) | 3 |
| Quantification (GQ) | 3 | <i>AG BM 101</i> – Economic Principles of Agribusiness Decision Making (GS), <i>ECON 014</i> – Principles of Economics (GS), <i>ECON 102</i> – Microeconomics Analysis and Policy (GS), OR <i>ECON 104</i> – Introductory Macroeconomic Analysis and Policy (GS) | 3 |
| | | US Cultures (US)** | 0-3 |
| HORT 101 – Horticultural Sciences(GN) | 3 | | |
| Social and Behavioral Sciences (GS) | 3 | | |
| Total Credits: | 17 | Total Credits: | 12-15 |
| Semester 3 | Credits | Semester 4 | Credits |
| HORT 137 – Ornamental Plant Materials | 3 | <i>SOILS 101</i> – Introductory Soil Science (GN) | 3 |
| BA 250 - Small Business Management | 3 | ACCTG 211 – Financial and Managerial Accounting for Decision Making | 4 |
| EDSGN 010 – Introductory Engineering Graphics | 1 | HORT 220 - CAD Applications in Landscape Contracting | 3 |
| <i>BIOL 127</i> – Plant Biology (GN) OR <i>BIOL 110</i> – Basic Concepts and Biodiversity (GN) OR | 3-4 | International Cultures ** | 0-3 |
| SPAN 001 –Elementary Spanish I OR SPAN 002 - Elementary Spanish II OR SPAN 105 –Spanish for Students in the field of Agricultural Sciences | 4 | <i>ART 020</i> (GA) | 3 |
| HORT 120 – Computer Applications for Landscape Contracting | 2 | Health and Physical Activity (GHA) | 1.5 |
| Total Credits: | 16-17 | Total Credits: | 14.5-17.5 |
| Semester 5 | Credits | Semester 6 | Credits |
| <i>CHEM 101</i> – Introductory Chemistry (GN) | 3 | HORT 464 – Landscape Construction I | 4 |
| HORT 138 – Ornamental Plant Materials | 3 | HORT 408 – Landscape Plant Establishment and Maintenance | 4 |
| HORT 269 – Residential Landscape Design | 3 | Humanities (GH) | 3 |
| TURF 100 – Introduction to Turfgrass Management OR TURF 235 – The Turfgrass | 3 | Pest Management Selection (see note A below) | 2-3 |
| Health and Physical Activity (GHA) | 1.5 | ASM 217 – Landscape Soil and Water Management | 3 |
| Elective | 3 | | |
| Total Credits: | 16.5 | Total Credits: | 16-17 |
| Semester 7 | Credits | Semester 8 | Credits |
| HORT 466 – Landscape Construction II | 5 | HORT 368 – Planting Design | 4 |
| HORT 131 – Herbaceous Perennial and Annual Identification | 3 | ENG 202D – Effective Writing: Business Writing (GWS) | 3 |
| HORT 410W – Issues in Landscape Contracting | 3 | HORT 468 – Landscape Estimating and Bidding | 2 |
| BLAW 243 – Legal Environment of Business | 3 | | |
| | | B A 303-Marketing | 3 |
| | | ELECTIVES | 2-3 |
| Total Credits: | 14 | Total Credits: | 14-15 |

NOTES:

A (Pest Management Selection): Select 2-3 credits from Entomology 313 (2) Introduction to Entomology, 314 (1) Management of Insect Pests of Ornamentals, HORT 238 (3) Turf and Ornamental Weed Control or PPEM (2) 318 Diseases of Forest and Shade Trees

Bold type indicates courses requiring a quality grade of C or better

Italic type indicates courses that satisfy both Major and General Education requirements

Bold Italics indicates courses requiring a quality grade of C or better and that satisfy both Major and General Education requirements

** These requirements may be fulfilled by selecting GH, GS and GA courses with the appropriate US/IL designation.

Recommended Academic Plan for Landscape Contracting Major – Design/Build Option
Commonwealth Campuses

| Semester 1 | Credits | Semester 2 | Credits |
|--|---------|--|-----------|
| Humanities (GH) | 3 | ART 020 (GA) | 3 |
| Quantification (GQ) | 3 | MATH 026 – Plane Trigonometry (GQ) | 3 |
| AG BM 101 – Economic Principles of Agribusiness Decision Making (GS), ECON 014 – Principles of Economics (GS), ECON 102 – Microeconomics Analysis and Policy (GS), OR ECON 104 – Introductory Macroeconomic Analysis and Policy (GS) | 3 | Social and Behavioral Science (GS) | 3 |
| ENGL 015 – Rhetoric and Composition (GWS) | 3 | CAS 100 – Effective Speech (GWS) | 3 |
| | | US Cultures (US) (See note A below) | 0-3 |
| First-Year Seminar* (S) | 1 | | |
| Health and Physical Activity (GHA) | 1.5 | | |
| | | | |
| Total Credits: | 14.5 | Total Credits: | 12-15 |
| Semester 3 | Credits | Semester 4 | Credits |
| BIOL 127 – Plant Biology (GN) OR BIOL 110 – Basic Concepts and Biodiversity (GN) OR | 3-4 | CHEM 101 – Introductory Chemistry (GN) | 3 |
| Humanities (GH) | 3 | SPAN 001 –Elementary Spanish I OR SPAN 002 - Elementary Spanish II OR SPAN 105 –Spanish for Students in the field of Agricultural Sciences | 4 |
| ACCTG 211 – Financial and Managerial Accounting for Decision Making | 4 | ENG 202D – Effective Writing: Business Writing (GWS) | 3 |
| BLAW 243 – Legal Environment of Business OR B A 243 | 3 | Elective | 3 |
| Elective OR HORT 101 – Horticultural Sciences(GN) | 3 | Health and Physical Activity (GHA) | 1.5 |
| | | International Cultures (See note A below) | 0-3 |
| Total Credits: | 16-17 | Total Credits: | 14.5-17.5 |
| Semester 5 | Credits | Semester 6 | Credits |
| Elective OR HORT 101 – Horticultural Sciences(GN) | 3 | HORT 464 – Landscape Construction I | 4 |
| HORT 137 – Ornamental Plant Materials | 3 | HORT 408 – Landscape Plant Establishment and Maintenance | 4 |
| HORT 269 – Residential Landscape Design | 3 | HORT 220 - CAD Applications in Landscape Contracting | 3 |
| HORT 120 – Computer Applications for Landscape Contracting | 2 | Pest Management Selection (see note A below) | 2-3 |
| EDSGN 010 – Introductory Engineering Graphics | 1 | ASM 217 – Landscape Soil and Water Management | 3 |
| SOILS 101 – Introductory Soil Science (GN) | 3 | | |
| Total Credits: | 15 | Total Credits: | 16-17 |
| Semester 7 | Credits | Semester 8 | Credits |
| HORT 466 – Landscape Construction II | 5 | HORT 368 – Planting Design | 4 |
| HORT 131 – Herbaceous Perennial and Annual Identification | 3 | HORT 468 – Landscape Estimating and Bidding | 2 |
| HORT 138 – Ornamental Plant Materials | 3 | B A 303-Marketing | 3 |
| HORT 410W – Issues in Landscape Contracting | 3 | LARCH 060 – History of Design on the Land (GA) | 3 |
| TURF 100 – Introduction to Turfgrass Management OR TURF 235 – The Turfgrass | 3 | BA 250 - Small Business Management | 3 |
| Total Credits: | 17 | Total Credits: | 15 |

NOTES:

A (Pest Management Selection): Select 2-3 credits from Entomology 313 (2) Introduction to Entomology, 314 (1) Management of Insect Pests of Ornamentals, HORT 238 (3) Turf and Ornamental Weed Control or PPEM (2) 318 Diseases of Forest and Shade Trees

Bold type indicates courses requiring a quality grade of C or better

Italic type indicates courses that satisfy both Major and General Education requirements

Bold Italics indicates courses requiring a quality grade of C or better and that satisfy both Major and General Education requirements

*For campuses that do not require a first-year seminar and offer an alternative first-year engagement plan, this first-year seminar requirement will be waived. A student must, however, still meet the minimum number of credits required for graduation from this major which may require the student to take an additional elective

** These requirements may be fulfilled by selecting GH, GS and GA courses with the appropriate US/IL designation.

**Recommended Academic Plan for Landscape Contracting Major – Management Option
University Park**

| Semester 1 | Credits | Semester 2 | Credits |
|--|---------|--|-----------|
| Humanities (GH) | 3 | <i>LARCH 060</i> – History of Design on the Land (GA) | 3 |
| AG 150 First year seminar (S) | 2 | <i>MATH 026</i> – Plane Trigonometry (GQ) | 3 |
| <i>ENGL 015</i> – Rhetoric and Composition (GWS) | 3 | <i>CAS 100</i> – Effective Speech (GWS) | 3 |
| Quantification (GQ) | 3 | <i>AG BM 101</i> – Economic Principles of Agribusiness Decision Making (GS), <i>ECON 014</i> – Principles of Economics (GS), <i>ECON 102</i> – Microeconomics Analysis and Policy (GS), OR <i>ECON 104</i> – Introductory Macroeconomic Analysis and Policy (GS) | 3 |
| HORT 101 – Horticultural Sciences(GN) | 3 | US Cultures (US) (See note A below) | 0-3 |
| Social and Behavioral Sciences (GS) | 3 | Humanities (GH) | 3 |
| Total Credits: | 17 | Total Credits: | 15-18 |
| Semester 3 | Credits | Semester 4 | Credits |
| HORT 137 – Ornamental Plant Materials | 3 | BLAW 243 – Legal Environment of Business | 3 |
| BA 250 – Small Business Management | 3 | B A 303-Marketing | 3 |
| <i>BIOL 127</i> – Plant Biology (GN) OR <i>BIOL 110</i> – Basic Concepts and Biodiversity (GN) | 3-4 | SPAN 001 – Elementary Spanish I OR SPAN 002 - Elementary Spanish II OR SPAN 105 –Spanish for Students in the field of Agricultural Sciences | 4 |
| HORT 120 - Computer Applications for Landscape Contracting | 2 | Health and Physical Activity (GHA) | 1.5 |
| <i>SOILS 101</i> – Introductory Soil Science (GN) | 3 | ENT 313 – Introduction to Entomology | 2 |
| | | ENT 314 – Management of Insect Pests of Ornamentals | 1 |
| | | PPEM 318 – Diseases of Forest and Shade Trees OR PPEM 300 – Horticultural Crop Diseases | 2-3 |
| Total Credits: | 14-15 | Total Credits: | 16.5-17.5 |
| Semester 5 | Credits | Semester 6 | Credits |
| <i>CHEM 101</i> – Introductory Chemistry (GN) | 3 | Health and Physical Activity (GHA) | 1.5 |
| HORT 138 – Ornamental Plant Materials | 3 | HORT 408 – Landscape Plant Establishment and Maintenance | 4 |
| HORT 238 – Turf and Ornamental Weed Control | 3 | ACCTG 211 – Financial and Managerial Accounting for Decision Making | 4 |
| TURF 100 – Introduction to Turfgrass Management OR TURF 235 – The Turfgrass | 3 | <i>ENG 202D</i> – Effective Writing: Business Writing (GWS) | 3 |
| HORT 250 – Landscape Contracting Design/Build Principles | 3 | ASM 217 – Landscape Soil and Water Management | 3 |
| Total Credits: | 15 | Total Credits: | 15.5 |
| Semester 7 | Credits | Semester 8 | Credits |
| Art (GA) | 3 | Soils 404-Urban Soils | 3 |
| HORT 131 – Herbaceous Perennial and Annual Identification | 3 | HORT 468 – Landscape Estimating and Bidding | 2 |
| HORT 410W – Issues in Landscape Contracting | 3 | ELECTIVES | 7-8 |
| International Cultures (See note A below) | 0-3 | | |
| Electives | 6 | | |
| Total Credits: | 15-18 | Total Credits: | 12-13 |

NOTES:

A. These requirements may be fulfilled by selecting GH, GS and GA courses with the appropriate US/IL designation

Bold type indicates courses requiring a quality grade of C or better

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Bold Italics indicates courses requiring a quality grade of C or better and that satisfy both Major and General Education requirements

Recommended Academic Plan for Landscape Contracting Major – Management Option
Commonwealth Campuses

| Semester 1 | Credits | Semester 2 | Credits |
|--|-----------|---|---------|
| Humanities (GH) | 3 | <i>CHEM 101</i> – Introductory Chemistry (GN) | 3 |
| First year seminar* (S) | 1 | <i>Math 026</i> – Trigonometry (GQ) | 3 |
| <i>ENGL 015</i> – Rhetoric and Composition (GWS) | 3 | CAS 100 – Effective Speech (GWS) | 3 |
| <i>BIOL 127</i> – Plant Biology (GN) OR <i>BIOL 110</i> – Basic Concepts and Biodiversity (GN) OR | 3-4 | Humanities (GH) | 3 |
| Quantification (GQ) | 3 | US Cultures (US) (See note A below) | 0-3 |
| Health and Physical Activity (GHA) | 1.5 | Elective | |
| Total Credits: | 14.5-15.5 | Total Credits: | 15-18 |
| Semester 3 | Credits | Semester 4 | Credits |
| Art (GA) | 3 | <i>ENG 202D</i> – Effective Writing: Business Writing (GWS) | 3 |
| BLAW 243 – Legal Environment of Business OR BA 243 – Social, Legal, and Ethical Environment of Business | 3 | Social and Behavioral Sciences (GS) | 3 |
| Health and Physical Activity (GHA) | 1.5 | ACCTG 211 – Financial and Managerial Accounting for Decision Making | 4 |
| SPAN 001 – Elementary Spanish I OR SPAN 002 – Elementary Spanish II or SPAN 105 Spanish for students in the field of Agricultural Sciences | 4 | International Cultures (See note A below) | 0-3 |
| HORT 101 – Horticultural Sciences (GN) | 3 | Elective | 3 |
| <i>AG BM 101</i> – Economic Principles of Agribusiness Decision Making (GS), <i>ECON 014</i> – Principles of Economics (GS), <i>ECON 102</i> – Microeconomics Analysis and Policy (GS), OR <i>ECON 104</i> – Introductory Macroeconomic Analysis and Policy (GS) | 3 | | |
| Total Credits: | 17.5 | Total Credits: | 13-16 |
| Semester 5 | Credits | Semester 6 | Credits |
| HORT 137 – Ornamental Plant Materials | 3 | B A 303-Marketing | 3 |
| HORT 120 – Computer Applications for Landscape Contracting | 2 | HORT 408 – Landscape Plant Establishment and Maintenance | 4 |
| HORT 238 – Turf and Ornamental Weed Control | 3 | Soils 404-Urban Soils | 3 |
| <i>SOILS 101</i> – Introductory Soil Science (GN) | 3 | <i>LARCH 060</i> – History of Design on the Land (GA) | 3 |
| HORT 250 – Landscape Contracting Design/Build Principles | 3 | ASM 217 – Landscape Soil and Water Management | 3 |
| Total Credits: | 14 | Total Credits: | 16 |
| Semester 7 | Credits | Semester 8 | Credits |
| HORT 131 – Herbaceous Perennial and Annual Identification | 3 | ENT 313 – Introduction to Entomology | 2 |
| HORT 138 – Ornamental Plant Materials | 3 | ENT 314 – Management of Insect Pests of Ornamentals | 1 |
| HORT 410W – Issues in Landscape Contracting | 3 | HORT 468 – Landscape Estimating and Bidding | 2 |
| BA 250 – Small Business Management | 3 | PPEM 318 – Diseases of Forest and Shade Trees OR PPEM 300 – Horticultural Crop Diseases | 2-3 |
| TURF 100 – Introduction to Turfgrass Management OR TURF 235 – The Turfgrass | 3 | ELECTIVES | 8 |
| Total Credits: | 15 | Total Credits: | 15-16 |

NOTES:

A. These requirements may be fulfilled by selecting GH, GS and GA courses with the appropriate US/IL designation

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*For campuses that do not require a first-year seminar and offer an alternative first-year engagement plan, this first-year seminar requirement will be waived. A student must, however, still meet the minimum number of credits required for graduation from this major which may require the student to take an additional elective.

Name: _____

PSU ID: _____

Advisor: _____

College of Agricultural Sciences

LANDSCAPE CONTRACTING-Design/Build Option

120 Credits Required

Minor: _____

Program Year: _____

Expected Graduation Date: _____

REQUIREMENTS FOR THE MAJOR

GENERAL EDUCATION

| Course | Cr. | Grade | Sem. | Course | Cr. | Grade | Sem. |
|--------------------------------------|-----|-------|-------|--|-------|-------|-------|
| Major Prescribed Courses (53) | | | | Communications (GWS) (9 credits) | | | |
| ACCTG 211 | (4) | _____ | _____ | ENGL 015 | (3) | _____ | _____ |
| ASM 217 | (3) | _____ | _____ | ENGL 202C or ENGL 202D | (3) | _____ | _____ |
| BA 250 | (3) | _____ | _____ | CAS 100 | (3) | _____ | _____ |
| BLAW 243 | (3) | _____ | _____ | Quantification (GQ) (6 credits) | | | |
| EDSGN 010 | (1) | _____ | _____ | MATH 026 | (3) | _____ | _____ |
| HORT 120* | (2) | _____ | _____ | _____ | (3-4) | _____ | _____ |
| HORT 131* | (3) | _____ | _____ | Natural Sciences (GN) (9 credits) | | | |
| HORT137* | (3) | _____ | _____ | HORT 101* | (3) | _____ | _____ |
| HORT 138* | (3) | _____ | _____ | SOILS 101 | (3) | _____ | _____ |
| HORT 220* | (3) | _____ | _____ | CHEM 101 | (3) | _____ | _____ |
| HORT 269* | (3) | _____ | _____ | Arts (GA) (6 credits) | | | |
| HORT 368* | (4) | _____ | _____ | LARCH 060 | (3) | _____ | _____ |
| HORT 408* | (4) | _____ | _____ | ART 020 | (3) | _____ | _____ |
| HORT 410W | (3) | _____ | _____ | Humanities (GH) (6 credits) | | | |
| HORT 464* | (4) | _____ | _____ | _____ | _____ | _____ | _____ |
| HORT 466* | (5) | _____ | _____ | _____ | _____ | _____ | _____ |
| HORT 468* | (2) | _____ | _____ | _____ | _____ | _____ | _____ |

Additional Courses (13-14 credits)

| | | | |
|-----------------------|-------|-------|-------|
| BIOL 127 or 110 | (3-4) | _____ | _____ |
| B A 303 | (3) | _____ | _____ |
| SPAN 001, 002, or 105 | (4) | _____ | _____ |
| TURF 100 or 235 | (3) | _____ | _____ |

Additional Course (2-3 credits)

ENT 313 (2) 314 (1) HORT 238 (3) or PPEM 318 (2)

*C Required

Updated 2/2015

Minimum 2.0 required for graduation

| Course | Cr. | Grade | Sem. |
|---|-------|-------|-------|
| First Year Seminar (1-3 credits) | | | |
| _____ | (1-3) | _____ | _____ |

US and International Cultures

(satisfied by GA/US, GA/IL, GH/US, GH/IL)

| | | | |
|------------|-----|-------|-------|
| (US) _____ | (3) | _____ | _____ |
| (IL) _____ | (3) | _____ | _____ |

Writing Intensive (3 credits) W

| | | | |
|-----------|-----|-------|-------|
| HORT 410W | (3) | _____ | _____ |
|-----------|-----|-------|-------|

Electives

| | | | |
|-------|-------|-------|-------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

Name: _____

PSU ID: _____

Advisor: _____

College of Agricultural Sciences

LANDSCAPE CONTRACTING-Management Option

120 Credits Required

Program Year: _____

Expected Graduation Date: _____

REQUIREMENTS FOR THE MAJOR

GENERAL EDUCATION

| Course | Cr. | Grade | Sem. | Course | Cr. | Grade | Sem. |
|---|-------|-------|-------|---|-------|-------|-------|
| Major Prescribed Courses (47) | | | | Communications (GWS) (9 credits) | | | |
| ACCTG 211 | (4) | _____ | _____ | ENGL 015 | (3) | _____ | _____ |
| ASM 217 | (3) | _____ | _____ | ENGL 202C or ENGL 202D | (3) | _____ | _____ |
| BA 250 | (3) | _____ | _____ | CAS 100 | (3) | _____ | _____ |
| BLAW 243 | (3) | _____ | _____ | | | | |
| HORT 120* | (2) | _____ | _____ | Quantification (GQ) (6 credits) | | | |
| HORT 131* | (3) | _____ | _____ | MATH 026 | (3) | _____ | _____ |
| HORT137* | (3) | _____ | _____ | _____ | (3-4) | _____ | _____ |
| HORT 138* | (3) | _____ | _____ | | | | |
| HORT 238* | (3) | _____ | _____ | Natural Sciences (GN) (9 credits) | | | |
| HORT 250* | (3) | _____ | _____ | HORT 101* | (3) | _____ | _____ |
| HORT 408* | (4) | _____ | _____ | SOILS 101 | (3) | _____ | _____ |
| HORT 410W | (3) | _____ | _____ | CHEM 101 | (3) | _____ | _____ |
| HORT 468 | (2) | _____ | _____ | | | | |
| ENT 313 | (2) | _____ | _____ | Arts (GA) (6 credits) | | | |
| ENT 314 | (1) | _____ | _____ | LARCH 060 | (3) | _____ | _____ |
| PPEM 318 | (2) | _____ | _____ | _____ | (3) | _____ | _____ |
| SOILS 404 | (3) | _____ | _____ | | | | |
| | | | | Humanities (GH) (6 credits) | | | |
| | | | | _____ | _____ | _____ | _____ |
| | | | | _____ | _____ | _____ | _____ |
| Additional Courses (13-14 credits) | | | | Social and Behavioral Science (GS) (6 credits) | | | |
| BIOL 127 or 110 | (3-4) | _____ | _____ | ECON 102, ECON 104 or AG BM 101 | (3) | _____ | _____ |
| B A 303 | (3) | _____ | _____ | _____ | _____ | _____ | _____ |
| SPAN 001, 002, or 105 | (4) | _____ | _____ | | | | |
| TURF 100 or 235 | (3) | _____ | _____ | Health and Physical Activity (GHA) (3 credits) | | | |
| | | | | _____ | _____ | _____ | _____ |
| | | | | _____ | _____ | _____ | _____ |

| Course | Cr. | Grade | Sem. |
|---|-------|-------|-------|
| First Year Seminar (1-3 credits) | | | |
| _____ | (1-3) | _____ | _____ |
| US and International Cultures (satisfied by GA/US, GA/IL, GH/US, GH/IL) | | | |
| (US) _____ | (3) | _____ | _____ |
| (IL) _____ | (3) | _____ | _____ |
| Writing Intensive (3 credits) W | | | |
| HORT 410W | (3) | _____ | _____ |
| Electives | | | |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

*C Required
Updated 2/2015
Minimum 2.0 required for graduation

RELATED STUDENT ACTIVITIES:

As a student in Landscape Contracting you have the opportunity to become involved with a wide range of activities that enable you to become more exposed to the profession, and at the same time, meet and do things with other students in your major.

HORTICULTURE CLUB:

The Penn State Horticulture (HORT) club is made up mostly of students who are working towards a career in the plant sciences, specifically in horticulture and landscaping. The club meets regularly during the fall and spring semester and offers a variety of activities for members. These activities can include trips to botanical gardens, skiing, and tubing in winter, attending PSU sporting events and other activities that club members may propose.

HORTICULTURE SHOW:

The Horticulture (HORT) Show has become a Penn State tradition, and each fall semester the local community looks forward to attending it. It features quality plant materials and educational displays. The show is open during a Penn State football home game weekend. The HORT Show is the HORT Club's main fundraiser for the fall semester. Landscape Contracting students work together to create a design for the show, and members of the HORT club construct the design. A great deal of work goes into preparation. Show accents, such as massive indoor water features, brick paver walkways, and hanging plant arbors are constructed by the students. Proceeds from the show are mainly used to fund the following year's show, and the remaining profits are invested in our club members.

STUDY ABROAD:

Both short-term and semester long study abroad opportunities are available to Landscape Contracting students. Semester long options are offered each semester and allow students to study at colleges and universities world-wide. Short-term (7 to 12 day) study abroad trips are offered on average every two years. These have typically been centered on landscapes in Europe. The short-term trips are attractive because students are often traveling with others in their major.

NATIONAL COLLEGIATE LANDSCAPE COMPETITION:

Each year the Landscape Contracting Program competes in the National Collegiate Landscape Competition (formerly ALCA or PLANET). This event, which is hosted at a different college or university each year, brings together 800+/- students from 60+/- college and universities to compete in over twenty-five different events. Students from a variety of majors in the College of Ag spend several months training for these events. The team travels as a group to the competition, often stopping along the way to view different sites of interest. The competition also includes training and educational workshops, a career fair, networking opportunities, and lots of fun stuff for students.

FALL FIELD TRIP:

Landscape Contracting students are encouraged to take advantage of any opportunity to visit with landscape companies, see urban, suburban, commercial and residential landscapes, get to know alumni of the LSCPE program and to learn more about their chosen profession. To reinforce this, the LSCPE program offers students to participate in a two day trip each fall to various locations in the northeast. In the past these have included Washington DC, New York City, Baltimore, Pittsburgh, and Philadelphia.