BS in Plant and Landscape Systems (285825) MAP Sheet
Life Sciences, Plant and Wildlife Sciences
For students entering the degree program during the 2022-2023 curricular year.

University Core and Graduation Requirements

University Core Requirements:
Requirements#ClassesHoursClasses
Religion Cornerstones
Teachings and Doctrine of The Book of Mormon12.REL A 275
Jesus Christ and the Everlasting Gospel12.REL A 250
Foundations of the Restoration12.REL C 225
The Eternal Family12.REL C 200
The Individual and Society
American Heritage1-2.ECON 110* + additional course
Global and Cultural Awareness1.0from approved list
Skills
First Year Writing13.0from approved list
Advanced Written and Oral Communications13.ENGL 316 or M COM 320 recommended
Quantitative Reasoning13.ACC 200*
Languages of Learning (Math or Language)13.0STAT 121
Arts, Letters, and Sciences
Civilization 113.0from approved list
Civilization 213.0from approved list
Arts13.0PWS 103* or PWS 112*
Letters13.0from approved list
Biological Science13.0CHEM 101* or 105* + additional course
Social Science13.0ECON 110*
Core Enrichment: Electives
Religion Electives3-4.Variable electives
Open ElectivesVariable electives

FOR UNIVERSITY CORE QUESTIONS CONTACT THE ADVISEMENT CENTER — FOR PROGRAM QUESTIONS, SEE YOUR FACULTY ADVISOR.

*THESE CLASSES FILL BOTH UNIVERSITY CORE AND PROGRAM REQUIREMENTS (9-13 hours overlap).

Graduation Requirements:
Minimum residence hours required30.0
Minimum hours needed to graduate120.0

Suggested Sequence of Courses
Freshman Year
1st Semester
A HTG 100 or 1st Year Writing3.0
General Education courses, university requirements, and/or general electives2.0
PWS 1003.0
PWS 1103.0
PWS 1911.0
Quantitative Reasoning (if needed)3.0
Religion Cornerstone course2.0
Total Hours17.0
2nd Semester
A HTG 100 or 1st Year Writing3.0
ACC 2003.0  
CHEM 101 or 1053.0  
PWS 1033-4.0  
Religion Cornerstone course2.0  
Total Hours14-15.0  
Sophomore Year  
3rd Semester  
ECON 110 or FIN 201 or HRM 300 or MCOM 3203.0  
MATH 110 (if needed)0-3.0  
PWS 2112.0  
PWS 2122.0  
PWS 282, 2834.0  
Religion Cornerstone course2.0  
Total Hours13-16  
4th Semester  
BIO 235 or PWS 105 or PWS 112 or PWS 205 or PWS 213 or PWS 3802-3.0  
Civilization 13.0  
Major elective3.0  
Physical Science elective3.0  
PWS 198R0.5  
Religion Cornerstone course2.0  
Total Hours13.5-14.5  
Spring/Summer  
PWS 199R0.5  
Total Hours0.5  
Junior Year  
5th Semester  
BIO 235 or PWS 105 or PWS 112 or PWS 205 or PWS 213 or PWS 3802-3.0  
Civilization 23.0  
General electives3.0  
PWS 3193.0  
PWS 3203.0  
Religion elective2.0  
Total Hours16-17.0  
6th Semester  
Major elective3.0  
PWS 2142.0  
PWS 220 3.0  
PWS 3013.0  
PWS 3313.0  
Religion elective2.0  
Total Hours16.0  
Senior Year  
7th Semester  
BIO 235 or PWS 105 or PWS 112 or PWS 205 or PWS 213 or PWS 3802-3.0  
Languages of Learning elective3.0  
Letters elective3.0  
PWS 4313.0  
PWS 4812.0
Religion elective 2.0
STRAT 4883.0
Total Hours 18-19.0
8th Semester
Adv. Written & Oral communication 3.0
Global and Cultural Awareness elective 3.0
Major elective 3.0
MKTG 201 or STRAT 4893.0
PWS 4023.0
Total Hours 15.0

Note: Students are encouraged to complete an average of 15 credit hours each semester or 30 credit hours each year, which could include spring and/or summer terms. Taking fewer credits substantially increases the cost and the number of semesters to graduate.

BS in Plant and Landscape Systems (285825) 2022-2023 Program Requirements (66 - 71.5 Credit Hours)

requirement 1 Complete 18 courses
* PWS 100 - Plants in the Environment 3.0
  PWS 103 - Residential Landscape Design 3.0
  PWS 110 - Sustainable Food Crop Systems 3.0
  PWS 191 - Introduction to Plant and Landscape Systems 1.0
  PWS 198R - Plant and Landscape Systems Practicum 0.5
  You may take this course up to 1 time.
  PWS 211 - Hardscape Materials and Structures 2.0
  PWS 212 - Principles of Irrigation 2.0
  PWS 214 - Bidding and Estimating 2.0
  PWS 220 - Trees 3.0
  PWS 282 - Soil Science 3.0
  PWS 283 - Soil Science Laboratory 1.0
  PWS 301 - Plant Propagation 3.0
  PWS 319 - Grasses in Urban and Natural Environments 3.0
  PWS 320 - Sustainable Plant Systems 3.0
  PWS 331 - Science of Plant Pest Control 3.0
  PWS 402 - Soils and Water in the Urban Environment 3.0
  PWS 431 - Plant Health Diagnostics 3.0
  PWS 481 - Plant and Landscape Business Systems 2.0

requirement 2 Complete 0.5 hours from the following course(s)
  PWS 199R - Academic Internship 3.0

requirement 3 Complete 2 courses
* ACC 200 - Principles of Accounting 3.0
  STRAT 488 - Agribusiness Management 1 3.0

requirement 4 Complete 1 course
  MKTG 201 - Marketing Management 3.0
  STRAT 489 - Agribusiness Management 2 3.0

requirement 5 Complete 1 course
  CHEM 101 - Introductory General Chemistry 3.0
  CHEM 105 - General College Chemistry 1 with Lab (Integrated) 4.0

requirement 6 Complete 3 courses
  BIO 235 - Field Botany 3.0
  PWS 105 - Landscape Design Graphics 2.0
  PWS 112 - Floral Design 3.0
  PWS 205 - Landscape Computer Applications 3.0
PWS 213 - Interior Plants and Landscapes 3.0
PWS 380 - Plant Community Design 3.0
requirement 7 Complete 1 course
*ECON 110 - Economic Principles and Problems 3.0
FIN 201 - Principles of Finance 3.0
HRM 300 - Organizational Behavior 3.0
M COM 320 - Management Communication 3.0
A MANAGEMENT MINOR IS STRONGLY RECOMMENDED
Completion of the following courses (some listed above) will meet the requirements for this minor: Acc 200, Econ 110, ENT 381, Fin 201, HRM 300, Math 110, Stat 121, STRAT 489.
The following courses are also suggested: ENT 301; M Com 320, StDev 150.
For students planning to pursue a master’s degree in landscape architecture (MLA), the following courses are also recommended: Bio 350; CFM 105; Geog 212, 310, 422; PWS 380.
For students planning to pursue a master’s degree in (MS) the following courses are recommended: Chem 106, 107, 351, 352, 481; Engl 316; Math 119 or Stat 121; Phscs 105, 106; PWS 440, 513.
THE DISCIPLINE:
Plant and Landscape Systems focuses on 1) the creation and maintenance of beautiful and environmentally sound interior and exterior landscapes and 2) indoor-agriculture technology in controlled environments.
CAREER OPPORTUNITIES:
The Plant and Landscape Systems (PLS) major prepares students for a wide variety of employment opportunities, including landscape design, construction, and management as well as the highly technical field of cultivating plants in controlled environments. Business courses included in the major prepare students for career advancement following graduation. For those with interests in continued formal education, the PLS degree prepares students for several graduate school opportunities, including landscape architecture, business, science, law, and medical/dental. The PLS degree is fully accredited by the National Association of Landscape Professionals (NALP).
HANDS-ON LEARNING OPPORTUNITIES:
Each student is required to complete at least one business-oriented internship as well as a skills-developing practicum. These experiences are an integral and valuable part of the program. Students are also encouraged to participate extracurricular activities offered by the Plant and Landscape Systems Club, attend national professional conferences, and participate in undergraduate research with faculty mentors.
FINANCING:
Scholarships are available for qualified students from the department, college, and university.
HONORARY SOCIETIES AND CLUBS:
Students are encouraged to participate in the Plant and Landscape Systems Club and the National Collegiate Landscape Competition (NCLC). Several additional networking opportunities, including major-specific career fairs, provide opportunities for advancing professional preparation during the academic year. A combination of coursework and hands-on experience prepare students for certifications and licenses indicated in competency matrix spreadsheets of the major.
MAP DISCLAIMER
While every reasonable effort is made to ensure accuracy, there are some student populations that could have exceptions to listed requirements. Please refer to the university catalog and your college advisement center/department for complete guidelines.
DEPARTMENT INFORMATION
Department of Plant and Wildlife Sciences
Brigham Young University
4105 Life Sciences Building
Provo, UT 84602
Telephone: (801) 422-2760
ADVICE CENTER INFORMATION
Life Sciences Advisement
Brigham Young University
2060 Life Sciences Building