### University Core and Graduation Requirements

#### University Core Requirements:

<table>
<thead>
<tr>
<th>Requirements</th>
<th>#Classes</th>
<th>Hours</th>
<th>Classes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Religion Cornerstones</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Teachings and Doctrine of The Book of Mormon</td>
<td>1</td>
<td>2.0</td>
<td>REL A 275</td>
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<tr>
<td>Jesus Christ and the Everlasting Gospel</td>
<td>1</td>
<td>2.0</td>
<td>REL A 250</td>
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<tr>
<td>Foundations of the Restoration</td>
<td>1</td>
<td>2.0</td>
<td>REL C 225</td>
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<tr>
<td>The Eternal Family</td>
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<td>2.0</td>
<td>REL C 200</td>
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<tr>
<td>The Individual and Society</td>
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<tr>
<td>American Heritage</td>
<td>1-2</td>
<td>3.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Global and Cultural Awareness</td>
<td>1</td>
<td>3.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Skills</td>
<td></td>
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<tr>
<td>First Year Writing</td>
<td>1</td>
<td>3.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Advanced Written and Oral Communications</td>
<td>1</td>
<td>3.0</td>
<td>ENGL 316 or M COM 320 recommended</td>
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<tr>
<td>Quantitative Reasoning</td>
<td>1</td>
<td>3.0</td>
<td>ACC 200*</td>
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<tr>
<td>Languages of Learning (Math or Language)</td>
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<td>3.0</td>
<td>STAT 121</td>
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<td>Arts, Letters, and Sciences</td>
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</tr>
<tr>
<td>Civilization 1</td>
<td>1</td>
<td>3.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Civilization 2</td>
<td>1</td>
<td>3.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Arts</td>
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<td>3.0</td>
<td>from approved list</td>
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<tr>
<td>Letters</td>
<td>1</td>
<td>3.0</td>
<td>from approved list</td>
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<tr>
<td>Biological Science</td>
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<td>3.0</td>
<td>PWS 100</td>
</tr>
<tr>
<td>Physical Science</td>
<td>2</td>
<td>6-7.0</td>
<td>CHEM 101* or 105* + additional course</td>
</tr>
<tr>
<td>Social Science</td>
<td>1</td>
<td>3.0</td>
<td>ECON 110*</td>
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<td>Core Enrichment: Electives</td>
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<tr>
<td>Religion Electives</td>
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<td>6.0</td>
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<tr>
<td>Open Electives</td>
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<td>Variable</td>
<td>Variable personal choice</td>
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</tbody>
</table>

For University Core Questions contact the Advancement 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 required: 30.0
- Minimum hours needed to graduate: 120.0

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### Suggested Sequence of Courses

#### Freshman Year

- **1st Semester**
  - First-Year Writing or American Heritage 3.0
  - PWS 100 3.0
  - PWS 103 3.0
  - PWS 191 1.0
  - Religion Cornerstone course 2.0
  - General Education courses, university requirements, and/or general electives 2.0
  - Quantitative Reasoning (if needed) 3.0
  - Total Hours 14-17.0

- **2nd Semester**
  - AHTG 100 or 1st Year Writing 3.0
  - ACC 200 3.0
  - PWS 105 3.0
  - CHEM 101 or 105 3.0
  - Religion Cornerstone course 2.0
  - Total Hours 14-15.0

#### Sophomore Year

- **3rd Semester**
  - Biological Science elective 3.0
  - PWS 282, 283 4.0
  - MATH 110 (if needed) 0.3-3.0
  - PWS 211 2.0
  - PWS 212 2.0
  - ECON 110 3.0
  - Religion Cornerstone course 2.0
  - Total Hours 16-19.0

- **4th Semester**
  - Civilization 1 3.0
  - Major elective 3.0
  - Physical Science elective 3.0
  - BIO 430 or PWS 112 or PWS 210 or PWS 213 or PWS 330 or PWS 380 3.0
  - PWS 198R 0.5
  - Religion Cornerstone course 2.0
  - Total Hours 14.5-15.5

#### Junior Year

- **5th Semester**
  - Civilization 2 3.0
  - Major elective 3.0
  - Physical Science elective 3.0
  - BIO 430 or PWS 112 or PWS 210 or PWS 213 or PWS 330 or PWS 380 3.0
  - PWS 198R 0.5
  - Religion Cornerstone course 2.0
  - Total Hours 14.5-15.5

- **6th Semester**
  - Spring/Summer 0.5
  - Total Hours 0.5

#### 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)
2021-2022 Program Requirements (66 - 71.5 Credit Hours)

REQUIREMENT 1 Complete 18 courses
REQUIRED COURSES: (NOTE: 0.5 HOUR OF PWS 199R IS REQUIRED.)
- PWS 100 - Plants in the Environment 3.0
- PWS 103 - Residential Landscape Design 3.0
- PWS 105 - Landscape Design Graphics 2.0
- PWS 191 - Introduction to Landscape Management 1.0
- PWS 198R - BYU Grounds Practicum 0.5
You may take this course up to 1 time.
- PWS 199R - Academic Internship 3.0
You may take this course up to 1 time.
- PWS 211 - Landscape Structures 2.0
- PWS 212 - Landscape Irrigation 2.0
- PWS 214 - Landscape 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 331 - Science of Plant Pest Control 3.0
- PWS 402 - Soils and Water in the Urban Environment 3.0
- PWS 431 - Case Studies, Landscape Management Systems 2.0

REQUIREMENT 2 Complete 4 courses
- ACC 200 - Principles of Accounting 3.0
- BIO 235 - Field Botany 3.0
- FIN 201 - Principles of Finance 3.0
- STRAT 488 - Agribusiness Management 1 3.0

REQUIREMENT 3 Complete 1 course
- MKTG 201 - Marketing Management 3.0
- STRAT 489 - Agribusiness Management 2 3.0

REQUIREMENT 4 Complete 1 course
- CHEM 101 - Introductory General Chemistry 3.0
- CHEM 105 - General College Chemistry 1 with Lab (Integrated) 4.0

REQUIREMENT 5 Complete 2 courses
- BIO 430 - Plant Classification and Identification 4.0
- PWS 110 - Sustainable Food Crop Systems 3.0
- PWS 112 - Floral Design 3.0
- PWS 205 - Landscape Computer Applications 3.0
- PWS 213 - Interior Plants and Landscapes 3.0
- PWS 330 - Rangeland Plant Identification and Ecology 3.0

PWS 300 - Plant Community Design 3.0

REQUIREMENT 6 Complete 1 course
- ECON 150 - Economic Principles and Problems 3.0
- HRM 300 - Organizational Behavior 3.0
- M COM 320 - Communication in Organizational Settings 3.0

REQUIREMENT 7
A MANAGEMENT MINOR IS STRONGLY RECOMMENDED:
Completion of the following courses (some listed above) will meet the requirements for this minor: ACC 200, Econ 115, ENT 301, 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 also recommended: Chem 106, 107, 351, 352, 481; Engl 316; Math 119 or Stat 121; Phscs 105, 106; PWS 440, 513.

THE DISCIPLINE:
Landscape Management focuses on the creation and maintenance of interior and exterior landscapes that are both beautiful and environmentally sound.

CAREER OPPORTUNITIES:
Landscape Management prepares students for employment in design, construction, arboriculture, turf, irrigation, and ornamental horticulture. A minor from the Marriott School of Business is strongly recommended. The major also prepares students for a wide variety of graduate school opportunities including landscape architecture, business, science, law, medical/dental, and planning. The program is 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 with BYU Grounds. These experiences are an integral and valuable part of the program. Students are also encouraged to participate in the Landscape Management Club and attend national professional meetings. Interested students may participate in research projects with faculty mentors.

FINANCING:
Scholarships are available for qualified students from the department, college, and university.

HONORARY SOCIETIES AND CLUBS:
The Department of Plant and Wildlife Sciences encourages student participation in the Landscape Management Club as well as the NALP-sponsored National Collegiate Landscape Competition (NCLC). Students are also strongly encouraged to network with industry professionals and pursue certifications and licenses to advance their career opportunities.

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.

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