## 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><strong>Religion Cornerstones</strong></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>
</tr>
<tr>
<td>Jesus Christ and the Everlasting Gospel</td>
<td>1</td>
<td>2.0</td>
<td>REL A 250</td>
</tr>
<tr>
<td>Foundations of the Restoration</td>
<td>1</td>
<td>2.0</td>
<td>REL C 225</td>
</tr>
<tr>
<td>The Eternal Family</td>
<td>1</td>
<td>2.0</td>
<td>REL C 200</td>
</tr>
<tr>
<td><strong>The Individual and Society</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>American Heritage</td>
<td>1-2</td>
<td>3-6.0</td>
<td>ECON 110* +</td>
</tr>
<tr>
<td>Global and Cultural Awareness</td>
<td>1</td>
<td>3.0</td>
<td>from approved list</td>
</tr>
<tr>
<td><strong>Skills</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<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>
</tr>
<tr>
<td>Quantitative Reasoning</td>
<td>1</td>
<td>3.0</td>
<td>ACC 200*</td>
</tr>
<tr>
<td>Languages of Learning (Math or Language)</td>
<td>1</td>
<td>3.0</td>
<td>STAT 121</td>
</tr>
<tr>
<td><strong>Arts, Letters, and Sciences</strong></td>
<td></td>
<td></td>
<td></td>
</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>
<td>1</td>
<td>3.0</td>
<td>PWS 103* or PWS 112*</td>
</tr>
<tr>
<td>Letters</td>
<td>1</td>
<td>3.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Biological Science</td>
<td>1</td>
<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>
</tr>
<tr>
<td><strong>Core Enrichment: Electives</strong></td>
<td></td>
<td></td>
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<tr>
<td>Religion Electives</td>
<td>3-4</td>
<td>6.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Open Electives</td>
<td>Variable</td>
<td>Variable</td>
<td>personal choice</td>
</tr>
</tbody>
</table>

### 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**
- A HTG 100 or 1st Year Writing: 3.0
- ACC 200: 3.0
- PWS 105: 3.0
- CHEM 101 or 105: 3.0-4.0
- 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): 0-3.0
- 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: 3.0-4.0
- PWS 198R: 0.5
- Religion Cornerstone course: 2.0

**Total Hours:** 14.5-15.5

**Spring/Summer**
- PWS 199R: 0.5
- Total Hours: 0.5

### JUNIOR YEAR

**5th Semester**
- FIN 201: 3.0
- Civilization 2: 3.0
- PWS 319: 3.0
- BIO 430 or PWS 112 or PWS 210 or PWS 213 or PWS 330 or PWS 380: 3.0-4.0
- Religion elective: 2.0
- General electives: 3.0

**Total Hours:** 17-18.0

**6th Semester**
- PWS 214: 2.0
- PWS 301: 3.0
- PWS 320: 3.0
- PWS 331: 3.0
- Major elective: 3.0
- Religion elective: 2.0

**Total Hours:** 16.0

### SENIOR YEAR

**7th Semester**
- STRAT 488: 3.0
- PWS 431: 3.0
- Letters elective: 3.0
- Religion elective: 2.0
- Languages of Learning elective: 3.0
- BIO 235: 3.0
- PWS 481: 2.0

**Total Hours:** 19.0

**8th Semester**
- MKTG 201 or STRAT 489: 3.0
- Adv. Written & Oral communication: 3.0
- PWS 402: 3.0
- Global and Cultural Awareness elective: 3.0
- Major elective: 3.0

**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 Landscape Management (285825)
2019-2020 Program Requirements (65.5 - 69.5 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 2 times.
PWS 199R - Academic Internship 3.0v
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 Growth and Reproduction 3.0
PWS 310 - Turf Science 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 - 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 202 - Marketing Management 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 112 - Floral Design 3.0
PWS 210 - Herbaceous Plants 3.0
PWS 213 - Interior Plants and Landscapes 3.0
PWS 330 - Rangeland Plant Identification and Ecology 3.0
PWS 380 - Plant Community Design 2.0

REQUIREMENT 6 Complete 1 course
*ECON 110 - 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 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; Phsks 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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