### UNIVERSITY CORE AND GRADUATION REQUIREMENTS

<table>
<thead>
<tr>
<th>Requirements</th>
<th>#Classes</th>
<th>Hours</th>
<th>Classes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Doctrinal Foundation</strong></td>
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<tr>
<td>Book of Mormon</td>
<td>2</td>
<td>4.0</td>
<td>Rel A 121 and 122</td>
</tr>
<tr>
<td>New Testament</td>
<td>1</td>
<td>2.0</td>
<td>Rel A 211 or 212</td>
</tr>
<tr>
<td>Doctrine and Covenants</td>
<td>1</td>
<td>2.0</td>
<td>Rel C 324 or 325</td>
</tr>
<tr>
<td><strong>The Individual and Society</strong></td>
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<tr>
<td>American Heritage</td>
<td>1–2</td>
<td>3–6.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Global &amp; Cultural Awareness</td>
<td>1</td>
<td>3.0</td>
<td>from approved list</td>
</tr>
<tr>
<td><strong>Skills</strong></td>
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<tr>
<td>First-Year Writing</td>
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<td>3.0</td>
<td>from approved list</td>
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<tr>
<td>Adv Written &amp; Oral Communication</td>
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<td>3.0</td>
<td>Engl 315 or M Com 320</td>
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<tr>
<td><strong>Quantitative Reasoning</strong></td>
<td>0–1</td>
<td>0–3.0</td>
<td>from approved list</td>
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<tr>
<td><strong>Languages of Learning (Math or Language)</strong></td>
<td>1–4</td>
<td>3–20.0</td>
<td>from approved list</td>
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<tr>
<td><strong>Arts, Letters, and Sciences</strong></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Civilization 1 and 2</td>
<td>2</td>
<td>6.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Arts</td>
<td>1</td>
<td>3.0</td>
<td>PWS 112*</td>
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<tr>
<td>Letters</td>
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<td>3.0</td>
<td>from approved list</td>
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<td>Scientific Principles &amp; Reasoning</td>
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<tr>
<td>Biological Science</td>
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<td>3–5.0</td>
<td>from approved list</td>
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<tr>
<td>Physical Science</td>
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<td>3–7.0</td>
<td>from approved list</td>
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<tr>
<td>Social Science</td>
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<td>3.0</td>
<td>Econ 110*</td>
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<tr>
<td><strong>Core Enrichment: Electives</strong></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>
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<tr>
<td><strong>GRADUATION REQUIREMENTS:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minimum residence hours required</td>
<td></td>
<td>30.0</td>
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</tr>
<tr>
<td>Minimum hours needed to graduate</td>
<td></td>
<td>120.0</td>
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</tbody>
</table>

### PROGRAM REQUIREMENTS (64.5–68.5 total hours)

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours</th>
<th>Classes</th>
</tr>
</thead>
<tbody>
<tr>
<td>PWS 100 Living With Plants</td>
<td>3.0</td>
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<tr>
<td>PWS 103 Residential Landscape Design</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>PWS 105 Landscape Design Graphics</td>
<td>2.0</td>
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</tr>
<tr>
<td>PWS 191 Introduction to Landscape Management</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>PWS 198R BYU Grounds Practicum</td>
<td>0.5</td>
<td>Econ 110*</td>
</tr>
<tr>
<td>PWS 199R Academic Internship (1 hour required)</td>
<td>3.0</td>
<td>Math 110</td>
</tr>
<tr>
<td>PWS 211 Landscape Structures</td>
<td>2.0</td>
<td></td>
</tr>
<tr>
<td>PWS 212 Landscape Laboratory</td>
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<td></td>
</tr>
<tr>
<td>PWS 214 Landscape Bidding and Estimating</td>
<td>2.0</td>
<td></td>
</tr>
<tr>
<td>PWS 282 Introduction to Soil Science</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>PWS 283 Introduction to Soil Science Lab</td>
<td>1.0</td>
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</tr>
<tr>
<td>PWS 301 Plant Growth and Reproduction</td>
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</tr>
<tr>
<td>PWS 319 Turf Science</td>
<td>2.0</td>
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</tr>
<tr>
<td>PWS 320 Arboriculture</td>
<td>3.0</td>
<td></td>
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<tr>
<td>PWS 331 Science of Plant Pest Control</td>
<td>3.0</td>
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<tr>
<td>PWS 391R Careers in Landscape Management</td>
<td>2.0</td>
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</tr>
<tr>
<td>PWS 402 Urban Soils and Water</td>
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</tr>
<tr>
<td>PWS 431 Integrated Management of Plant Pests</td>
<td>3.0</td>
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</tbody>
</table>

**Recommended Courses**
- For students planning to pursue a master's degree in landscape architecture (MLA), the following courses are also recommended:
  - Bio 350.
  - CM 105.
  - PWS 380.

**Complete the following required non-departmental courses:**
- Acc 200.
- Bus M 301.
- Bus M 489.
- Econ 110.
- I Sys 100.
- I Sys 102.
- Math 119* or Stat 221.*

**Complete one course from the following:**
- Chem 101.
- Chem 105.

**Complete three courses from the following:**
- Bio 235.
- Bio 430.
- PWS 112*.
- PWS 210.
- PWS 213.
- PWS 318.
- PWS 330.
- PWS 380.

*THESE CLASSES FILL BOTH UNIVERSITY CORE AND PROGRAM REQUIREMENTS (3–10.0 hours overlap)*

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**FOR UNIVERSITY CORE QUESTIONS CONTACT THE ADVISEMENT CENTER**

**FOR PROGRAM QUESTIONS SEE YOUR FACULTY ADVISOR**
BS in LANDSCAPE MANAGEMENT (285825)
2012–2013

Suggested Sequence of Courses:

FRESHMAN YEAR

1st Semester
- 1st Year Writing 3.0
- or A Htg 100 (3.0)
- PWS 100 3.0
- PWS 103 3.0
- PWS 191 1.0
- Rel A 121 2.0
- General electives 2.0
- Quantitative Reasoning (if needed) 3.0
Total Hours 14–17.0

2nd Semester
- A Htg 100 3.0
- or 1st Year Writing (3.0)
- Acc 200 3.0
- PWS 105 3.0
- Chem 101 or 105 3–4.0
- Rel A 122 (FWSpSu) 2.0
Total Hours 14–15.0

Note: The above course of study provides a guide for planning. However, to meet special needs and interests of each student the courses taken and the order in which they are taken may require alteration. Study the requirements, plan a course of study, and consult with an advisor early in the program. This will save considerable time and minimize frustration. All students should take the exact courses listed during the winter semester of their junior year (6th semester at left). This core of courses will better facilitate attendance at national meetings.

SECONDARY 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 1.0
- Major elective 3.0
- Rel A 211 or 212 2.0
Total Hours 15–18.0

4th Semester
- Civilization 1 3.0
- Major Elective 3.0
- I Sys 100 and 102 1.0
- Physical Science elective 3.0
- PWS 112 (Arts elective) 3.0
- PWS 198R 0.5
- Religion elective 2.0
Total Hours 15.5

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.

Note: The above course of study provides a guide for planning. However, to meet special needs and interests of each student the courses taken and the order in which they are taken may require alteration. Study the requirements, plan a course of study, and consult with an advisor early in the program. This will save considerable time and minimize frustration. All students should take the exact courses listed during the winter semester of their junior year (6th semester at left). This core of courses will better facilitate attendance at national meetings.

JUNIOR YEAR

5th Semester
- Bus M 201 3.0
- Civilization 2 3.0
- PWS 319 2.0
- PWS 391R (Landscape Management) 1.0
- Rel C 324 or 325 2.0
- General elective 3.0
Total Hours 14.0

6th Semester (Junior-Year Core)
- PWS 214 2.0
- PWS 301 3.0
- PWS 320 3.0
- PWS 331 3.0
- Econ 110 (Social Science) 3.0
- Religion electives 2.0
Total Hours 16.0

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

SENIOR YEAR

7th Semester
- Bus M 488 3.0
- Letters elective 3.0
- Religion elective 2.0
- Languages of Learning elective 3.0
Total hours 14.0

8th Semester
- Bus M 489 3.0
- Adv. Written & Oral Communication 3.0
- PWS 402 4.0
- Global & Cultural Awareness elective 3.0
- Major elective 3.0
Total Hours 16.0

Note: The above course of study provides a guide for planning. However, to meet special needs and interests of each student the courses taken and the order in which they are taken may require alteration. Study the requirements, plan a course of study, and consult with an advisor early in the program. This will save considerable time and minimize frustration. All students should take the exact courses listed during the winter semester of their junior year (6th semester at left). This core of courses will better facilitate attendance at national meetings.

CAREER OPPORTUNITIES:
Landscape management prepares students for employment in design, construction, arboriculture, turf, irrigation, and ornamental horticulture. A minor from the Marriott School of Management is strongly recommended. The major also prepares students for a wide variety of graduate school opportunities including landscape architecture, business, science, law, and planning. The program is accredited by the Professional Landcare Network (PLANET).

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 PLANET Student Career Days. Students are also strongly encouraged to network with industry professionals and pursue certifications and licenses to advance their career opportunities.