

BS in Landscape Management (285825) MAP Sheet

Life Sciences, Plant and Wildlife Sciences

For students entering the degree program during the 2017-2018 curricular year.



University Core and Graduation Requirements				Suggested Sequence of Courses			
University Core Requirements:				FRESHMAN YEAR			
Requirements	#Classes	Hours	Classes	<u>1st Semester</u>		JUNIOR YEAR	
Religion Cornerstones				First-year Writing or American Heritage	3.0	<u>5th Semester</u>	
Teachings and Doctrine of The Book of Mormon	1	2.0	REL A 275	PWS 100	3.0	FIN 201	3.0
Jesus Christ and the Everlasting Gospel	1	2.0	REL A 250	PWS 103	3.0	Civilization 2	3.0
Foundations of the Restoration	1	2.0	REL C 225	PWS 191	1.0	PWS 319	3.0
The Eternal Family	1	2.0	REL C 200	Religion Cornerstone course	2.0	BIO 430 or PWS 112 or PWS 210 or PWS 213 or PWS 330 or	3-4.0
The Individual and Society				General Education courses, university requirements, and/or		PWS 380	2.0
American Heritage	1-2	3-6.0	ECON 110* + additional course	general electives	2.0	Religion elective	2.0
Global and Cultural Awareness	1	3.0	from approved list	Quantitative Reasoning (if needed)	3.0	General electives	3.0
Skills				Total Hours	14-17.0	Total Hours	17-18.0
First Year Writing	1	3.0	from approved list	<u>2nd Semester</u>		<u>6th Semester</u>	
Advanced Written and Oral Communications	1	3.0	ENGL 316 or M COM 320 recommended	A HTG 100 or 1st Year Writing	3.0	PWS 214	2.0
Quantitative Reasoning	1	3.0	ACC 200*	ACC 200	3.0	PWS 301	3.0
Languages of Learning (Math or Language)	1	3.0	STAT 121	PWS 105	3.0	PWS 320	3.0
Arts, Letters, and Sciences				CHEM 101 or 105	3-4.0	PWS 331	3.0
Civilization 1	1	3.0	from approved list	Religion Cornerstone course	2.0	Major elective	3.0
Civilization 2	1	3.0	from approved list	Total Hours	14-15.0	Religion elective	2.0
Arts	1	3.0	PWS 103 or PWS 112	SOPHOMORE YEAR		SENIOR YEAR	
Letters	1	3.0	from approved list	<u>3rd Semester</u>		<u>7th Semester</u>	
Biological Science	1	3.0	PWS 100*	Biological Science elective	3.0	BUS M 488	3.0
Physical Science	1	3-4.0	CHEM 101* or 105* + additional course	PWS 282, 283	4.0	PWS 431	3.0
Social Science	1	3.0	ECON 110*	MATH 110 (if needed)	0-3.0	Letters elective	3.0
Core Enrichment: Electives				PWS 211	2.0	Religion elective	2.0
Religion Electives	3-4	6.0	from approved list	PWS 212	2.0	Languages of Learning elective	3.0
Open Electives	Variable	Variable	personal choice	ECON 110	3.0	BIO 235	3.0
FOR UNIVERSITY CORE QUESTIONS CONTACT THE ADVISEMENT CENTER — FOR PROGRAM QUESTIONS, SEE YOUR FACULTY ADVISOR.				Religion Cornerstone course	2.0	PWS 481	2.0
*THESE CLASSES FILL BOTH UNIVERSITY CORE AND PROGRAM REQUIREMENTS (9-13 hours overlap).				Total Hours	16-19.0	Total Hours	19.0
Graduation Requirements:				<u>4th Semester</u>		<u>8th Semester</u>	
Minimum residence hours required		30.0		Civilization 1	3.0	BUS M 241 or BUS M 489	3.0
Minimum hours needed to graduate		120.0		Major elective	3.0	Adv. Written & Oral communication	3.0
				Physical Science elective	3.0	PWS 402	3.0
				BIO 430 or PWS 112 or PWS 210 or PWS 213 or PWS 330 or		Global and Cultural Awareness elective	3.0
				PWS 380	3-4.0	Major elective	3.0
				PWS 198R	0.5	Total Hours	15.0
				Religion Cornerstone course	2.0		
				Total Hours	14.5-15.5		
				<u>Spring/Summer</u>			
				PWS 199R	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.			

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2017-2018 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
<i>You may take this course up to 1 time.</i>	
PWS 199R - Academic Internship	3.0v
<i>You may take this course up to 1 time.</i>	
PWS 211 - Landscape Structures	2.0
PWS 212 - Landscape Irrigation	2.0
PWS 214 - Landscape Bidding and Estimating	2.0
PWS 282 - Soil Science	3.0
PWS 283 - (Not currently offered)	
PWS 301 - Plant Growth and Reproduction	3.0
PWS 319 - Turf Science	3.0
PWS 320 - Arboriculture	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 5 courses	
*ACC 200 - Principles of Accounting	3.0
BIO 235 - Field Botany	3.0
BUS M 488 - Agribusiness Management 1	3.0
*ECON 110 - Economic Principles and Problems	3.0
FIN 201 - Principles of Finance	3.0
REQUIREMENT 3 Complete 1 course	
BUS M 241 - Marketing Management	3.0
BUS M 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 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

A MANAGEMENT MINOR IS STRONGLY RECOMMENDED:

Completion of the following courses (some listed above) will meet the requirements for this minor: Acc 200; Bus M 371R, 489; Econ 110; Fin 201; Math 110; Org B 320; Stat 221.

The following courses are also suggested: Bus M 372; 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; Tech 201, 202.

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 221; Phscs 105, 106; PWS 440, 513.

NOTE:

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.

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 Management 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.

DEPARTMENT INFORMATION

Department of Plant and Wildlife Sciences

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ADVISEMENT CENTER INFORMATION

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