

Institution: The University of Arkansas Fayetteville				
Degree Title: Horticulture, Landscape and Turf Sciences	HLTS-BS			
CIP Code: 01.0603				
Degree Code: 3451				
Total Degree Credit Hours (including prerequisites):	120			
Effective Date (Term/Year):	Fall/2013			
Required State General Education Core (35 credit hours)	Course Number	Course Title	Credit Hours	
English (6 semester credit hours)				
	ENGL 1013	Composition I	3	
	ENGL 1023	Composition II	3	
Communication (0-3 semester credit hours)				
	COMM 1313	Public Speaking	3	
Mathematics (3 semester credits hours)				
	MATH 1203	College Algebra	3	
College Algebra, Comparable Course or Higher	OR	Any higher level mathematics course		
Lab Science (8 semester credit hours)				
	BIOL 1543/1541L	Principles of Biology and Lab	4	
	BIOL 1613/1611L	Plant Biology and Lab	4	
Fine Arts/Humanities (6 semester credit hours)				
The major does not specify the exact Fine Arts course or Humanities course to be taken, as long as the University/State requirement is met.		*One course from Fine Arts		
		*One course from Humanities	OR	
		*See attached UA University Core Course selection list for qualifying courses.		
U.S. History/Government (3 semester credit hours)				
This major does not specify the exact US History/Government course to be taken, as long as the University/State requirement is met.		*One course from US History or Government		
		*See attached UA University Core Course selection list for qualifying courses.		

Social Sciences (6-9 semester credit hours)				
The UA specifies that 9 hours of social sciences must be completed from at least two fields of study.		*Two courses from Social Sciences		
his major does not specify the exact Social Science courses to be taken, as long as the University/State requirement is met, except, one course must be from either AGEC or ECON.		*See attached UA University Core Course selection list for qualifying courses.		
Total Credit Hours - General Education Core: 0				
35				
Institutional Requirements	Course Number	Course Title	Credit Hours	
	CHEM 2613/2611L	Organic Physiological Chemistry and Lab	4	
	Choose either:			
	CHEM 1073/1071L	Fundamentals of Chemistry and Lab	4	
	or			
	CHEM 1103/1101L	University Chemistry I and Lab , and	4	
	CHEM 1123/1121L	University Chemistry II and Lab	4	
Total Credit Hours - Institutional Requirements:				
			0	
	Course Number	Course Title	Credit Hours	
Prerequisite Courses Required for Degree Major				
	CHEM 1073/1071	Fundamentals of Chemistry	4	
	BIOL 1613/1611L	Principles of Biology	4	
Total Credit Hours - Required Prerequisites:				
				Prerequisite Courses
Courses Required for Degree Major (30 credits minimum)	Course Number	Course Title	Credit Hours	Prerequisite Course Number

(20 credits minimum of upper-level courses)				
Required Courses	AFLS 1011	Freshman Orientation		
	CSES 2003/2001L	Soil Science	4	CHEM 1103 or 1073
	HORT 2003/2000L	Principles of Horticulture science	3	
	HORT 3901	Horticultural Career Development	1	
	HORT 4403/4400L	Plant Propagation	3	BIOL 1613/1611L
	HORT 462v	Horticulture Internship	3	COMM 1313
Communication intensive course from a list approved by the College Curriculum Committee			3	
Students must choose 2 of the 3 following courses	CSES 4143	Principles of Weed Control	3	CHEM 2613/2611L
	PLPA 3004/3000L	Principles of Plant Pathology and Lab	4	
	ENTO 3013	Introduction to Entomology	3	BIOL 1543/1541L
Horticulture Electives	HORT 2303/200L	Intro to Turfgrass Management	3	
Select courses for a total minimum of 18 credit hours	HORT 3103/3100L	Woody Landscape Plants	3	
	HORT 3113/3110L	Herbaceous and Indoor Plants	3	
	HORT 3303	Vegetable Crops	3	
	HORT 3403/3400L	Turfgrass Management and Lab	3	HORT 2303
	HORT 3503	Sustainable and Organic Horticulture	3	
	HORT 3803	Horticulture Physiology	3	HORT2003 and CHEM 1073
	HORT 4033	Professional Landscape Installatino and Construction	3	HORT 2003 and HORT 3103
	HORT 4043	Professional Landscape Management	3	HORT 2003 and HORT 3103
	HORT 4103/4100L	Fruit Production Science and Lab	3	HORT 2003
	HORT 4603	Practical Landscape Planning	3	HORT 3103
	HORT 4703	Greenhouse Management	3	HORT 2003 and CHEM 1073
	HORT 4701	Greenhouse Management Lab	1	
	HORT 4803	Greenhouse Crop Production	3	HORT 4703
	HORT 4801	Greenhouse Crop Production Lab	1	
	HORT 4903/4900L	Golf and Spoirts Turf Management	3	HORT 2303 or HORT 3403
	HORT 4921	Golf Course Operations	1	HORT 4903
	HORT 4932	Turfgrass IPM	2	HORT2303, CSES4143, PLPA 3004
	HORT 400v	Horticulture Special Problems	v	
	HORT 401v	Horticulture Special Topics	v	
	Course Number	Course Title	Credit Hours	
Total Credit Hours - Degree Major:	30			
Other Upper-Level Courses			na	
Total Upper-Level Credit Hours Required for Degree: (including upper-level major course credits)			39	
Directed Electives (Specified)				
	HORT 1103	Plants in the Home Environment	3	

	<u>HORT 3123</u>	<u>International Horticulture</u>	<u>3</u>	
	<u>HORT 3203</u>	<u>Sustainable Landscape Practices</u>	<u>3</u>	
	<u>HORT 3803</u>	<u>Horticulture Crop Physiology</u>	<u>3</u>	
	<u>HORT 4503/4500L</u>	<u>Sustainable Nursery Management</u>	<u>3</u>	
	<u>AGME 3102/3101L</u>	<u>Small Power Units and Turf Equipment, and Lab</u>	<u>3</u>	
	<u>AGME 3153</u>	<u>Surveying in Agriculture</u>	<u>3</u>	
	<u>AGME 4973</u>	<u>Irrigation</u>	<u>3</u>	
	<u>LARC 2113</u>	<u>Landscape Design Communications</u>	<u>3</u>	
	<u>ANSC 3123</u>	<u>Principles of Genetics</u>	<u>3</u>	
	<u>PHYS 1023/1021L</u>	<u>Physics and Human Affairs, and Lab</u>	<u>4</u>	
		<u>or Any AGEC AGME, BIOL, CHEM, CSES, ENSC, ENTO, HORT, PLPA course not listed above</u>		
<u>Total Credit Hours - Directed Electives (Specified):</u>			<u>12</u>	
<u>Total Credit Hours - Electives (Unspecified):</u>				
			<u>15-26</u>	
<u>Total Credit Hours Required for Degree:</u>			<u>120</u>	