

Name _____

Major Applied Biological Sciences

Degree BS

Urban Horticulture Concentration

I. English Proficiency (6 hrs) (University requirement - "C" min required)	<u>Hrs Cr</u>		<u>Trans</u> <u>from</u>	<u>Gr</u>
	<u>ASU</u>	<u>Tr</u>		
ENG 101 First-Year Comp (3) and ENG 102 First-Year Comp (3) or, if eligible, ENG 105 Adv First-Year Comp (3) (see Catalog for eligibility requirements)				
Sub Total (I)				

II. General Studies (35 hrs) (see Catalog for approved courses)

A. Humanities & Social Sciences (15 hrs) Combined requirement: Six hours in one area, nine hours in the other, and three hours must be upper-division.

Humanities/Fine Arts (6-9 hrs min.) (HU)

	<u>Hrs Cr</u>	<u>Trans</u>	<u>Gr</u>

Social/Behavioral Sciences (6-9 hrs min) (SB)

	<u>Hrs Cr</u>	<u>Trans</u>	<u>Gr</u>

Awareness Areas- Cultural, Global and Historical awareness areas must be satisfied. Courses that are listed for a core and awareness area may satisfy both requirements concurrently, as may courses that are listed for more than one awareness area.

C:

G:

H:

	<u>Hrs Cr</u>	<u>Trans</u>	<u>Gr</u>

B. Literacy/Critical Inquiry (6 hrs min)

L:

L:

	<u>Hrs Cr</u>	<u>Trans</u>	<u>Gr</u>

C. Natural Sciences (8 hrs min) SQ/SG- At least four hours must be SQ

SQ/SG: BIO 187 General Biology 1 SG (4)

SQ/SG: BIO 188 General Biology 2 SQ (4)

	<u>Hrs Cr</u>	<u>Trans</u>	<u>Gr</u>

D. Mathematical Studies (6 hrs min) One MA (mathematics course) and one CS (Computer/statistics/quantitative applications) course.

MA: MAT 210 Brief Calculus (3)

CS: ABS 350 Applied Statistics or equivalent (3)

	<u>Hrs Cr</u>	<u>Trans</u>	<u>Gr</u>

Sub Total (II) _____

III. Applied Biological Sciences Core (*May be cross listed with General Studies)

ABS 150 Environmental Biology (3)			
ABS 301 Technology and Biology (2)			
ABS 302 Policy and Biology (2)			
ABS 312 Structure & Function (4)			
ABS 350 Applied Statistics or equivalent (3) CS			
BIO 187 General Biology I (4) SG			
BIO 188 General Biology II (4) SQ			
BIO 340 General Genetics (4)			
Choose between the two courses below:			
BIO 360 Animal Physiology (3)			
OR			
PLB 308 Plant Physiology (4)			
MAT 210 Brief Calculus (3) MA			
Total: (32 - 33)			

IV. Urban Horticulture Concentration	<u>Hrs Cr</u>		<u>Trans</u> <u>from</u>	<u>Gr</u>
	<u>ASU</u>	<u>Tr</u>		
ABS 225 Soils (3)				
ABS 226 Soils Lab (1)				
ABS 260 Fund. of Urban Horticulture SG (4)				
ABS 362 Landscape Plants (4)				
ABS 363 Landscape Practices (4)				
ABS 364 Urban Forestry (4)				
Choose between the two courses below:				
ABS 462 Greenhouse Nursery Mgt (4)				
OR				
ABS 463 Sports and Recreational Turf (3)				
Choose between the two courses below::				
PLB 414 Plant Pathology L (4)				
OR				
PGM 466 Integrated Pest Control (2)				
Choose between the two courses below:				
ABS 484 Internship (3)				
OR				
ABS 465 Senior Enterprise Project (3)				
OR				
ABS 492 Honors Directed Study (3)				
CHM 101 Introductory Chemistry SQ (4)				
CHM 231 Elem. Organic Chemistry SQ (3)				
Approved Upper-Division Electives: (6)				
Total: (40 - 44)				

Note: BIO 187, BIO 188, MAT 210, and ABS 350 must be used for both General Studies and concentration requirements to allow graduation within 120 hours.

TOTAL PROGRAM HOURS:

I. English			
II. General Studies			
III. ABS Core			
IV. Urban Horticulture Concentration			
Upper-Division Electives			
Total Program Hours			

Graduation Requirements (Regular Curriculum -120 hours)
Total upper-division hours _____ (minimum required 45)