

Name \_\_\_\_\_

Major Applied Biological Sciences

Degree BS

**Urban Horticulture Concentration**

Page 1 of 1

I. English Proficiency (6 hrs) (University requirement - "C" min required)	Hrs Cr		Trans fr	Gr
	ASU	Tr		
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)**

	ASU	Tr	Trans fr	Gr

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

	ASU	Tr	Trans fr	Gr

**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:	ASU	Tr	Trans fr	Gr
G:				
H:				

**B. Literacy/Critical Inquiry (6 hrs min)**

L:	ASU	Tr	Trans fr	Gr
PLB 414 Plant Pathology L (3)				
L:				

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

SG:	ASU	Tr	Trans fr	Gr
BIO 187 General Biology I (4)				
SQ: BIO 188 General Biology II (4)				

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

MA:	ASU	Tr	Trans fr	Gr
MAT 210 Brief Calculus (3)				
CS:	ASU	Tr	Trans fr	Gr
ABS 350 Applied Statistics or Equivalent (3)				

Sub Total (II) \_\_\_\_\_

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

BIO 187 General Biology I (4) SQ				
BIO 188 General Biology II (4) SQ				
ABS 270 Sustainable Biological Systems (3)				
ABS 302 Ethical & Policy Issues in Biology (2)				
BIO 340 General Genetics (4)				
ABS 350 Applied Statistics or Equivalent CS (3)				
MAT 210 Brief Calculus (3) MA				
CHM 113 General Chemistry (4) SQ				
Choose one of the three courses below:				
BIO 360 Animal Physiology (3)				
OR				
ABS 498 Applied Plant Physiology (3)				
OR				
ABS 311 Applied Cell Biology (3)				
Total: (30) _____				

IV. Urban Horticulture Concentration	Hrs Cr		Trans from	Gr
	ASU	Tr		
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 & Turf Irrigation (4)				
ABS 364 Urban Forestry (3)				
CHM 231 Elem. Organic Chemistry (3)				
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 (3)				
OR				
PGM 466 Integrated Pest Control (2)				
Choose between the three courses below:				
ABS 484 Internship (3)				
OR				
ABS 465 Senior Enterprise Project (3)				
OR				
ABS 492 Honors Directed Study (3)				

Approved Upper Division Electives: (6)


Total: (36-38)

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.

**General Elective required for all Freshman**  
ASU 101: The ASU Experience (1)

**TOTAL PROGRAM HOURS:**

I. English				
II. General Studies				
III. ABS Core				
IV. Urban Horticulture Concentration				
Upper-Division Electives				
<b>TOTAL PROGRAM HOURS</b>				

Graduation Requirements (Regular Curriculum -120 hours)

Total upper-division hours \_\_\_\_\_ (minimum required - 45)