

Name \_\_\_\_\_

Major Applied Biological Sciences

Degree BS

**Urban Horticulture Concentration**

<b>I. English Proficiency (6 hrs)</b> (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>ASU</u>	<u>Tr</u>	<u>Trans</u> <u>from</u>	<u>Gr</u>

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

	<u>ASU</u>	<u>Tr</u>	<u>Trans</u> <u>from</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:				

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

L:				
L:				

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

SQ/SG: BIO 187 General Biology 1 <i>SG</i> (4)				
SQ/SG: BIO 188 General Biology 2 <i>SQ</i> (4)				

**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)				
Sub Total (II)				

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

BIO 187 General Biology I (4) <i>SG</i>				
BIO 188 General Biology II (4) <i>SQ</i>				
ABS 300 Environmental Biology (3)				
ABS 302 Ethical and Policy Issues in Biology (2)				
BIO 340 General Genetics (4)				
ABS 350 Applied Statistics or equivalent (3) <i>CS</i>				
Choose one of the three courses below:				
BIO 360 Animal Physiology (3)				
<b>OR</b>				
PLB 308 Plant Physiology (4)				
<b>OR</b>				
ABS 311 Applied Cell Biology				
MAT 210 Brief Calculus (3) <i>MA</i>				
CHM 113 General Chemistry (4) <i>SQ</i>				
Total: (30 - 31)				

<b>IV. Urban Horticulture Concentration</b>	<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 <i>SG</i> (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)				
<b>OR</b>				
ABS 463 Sports and Recreational Turf (3)				
Choose between the two courses below:				
PLB 414 Plant Pathology <i>L</i> (4)				
<b>OR</b>				
PGM 466 Integrated Pest Control (2)				
Choose between the two courses below:				
ABS 484 Internship (3)				
<b>OR</b>				
ABS 465 Senior Enterprise Project (3)				
<b>OR</b>				
ABS 492 Honors Directed Study (3)				
CHM 231 Elem. Organic Chemistry <i>SQ</i> (3)				
Approved Upper-Division Electives: (6)				
<b>Total: (36 - 40)</b>				

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				
<b>Total Program Hours</b>				

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

