

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> |
| ASU Tr | from Gr |

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)

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

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 SG (4)

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

BIO 188 General Biology II (4) SQ

ABS 300 Environmental Biology (3)

ABS 302 Ethical and Policy Issues in Biology (2)

BIO 340 General Genetics (4)

ABS 350 Applied Statistics (3) CS

Choose one of the three courses below:

BIO 360 Animal Physiology (3)

OR

PLB 308 Plant Physiology (4)

OR

ABS 311 Applied Cell Biology

MAT 210 Brief Calculus (3) MA

CHM 113 General Chemistry (4) SQ

Total: (30 - 31)

IV. Urban Horticulture Concentration

| | |
|---------------|--------------|
| <u>Hrs Cr</u> | <u>Trans</u> |
| ASU Tr | from Gr |

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 231 Elem. Organic Chemistry SQ (3)

Approved Upper-Division Electives: (6)

Total: (36 - 40)

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)

