**I. English Proficiency (6 hrs)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Trans</th>
<th>Grade</th>
<th>ASU</th>
<th>Tr</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101 First-Year Comp (3) and ENG 105 Adv First-Year Comp (3) or, if eligible, ENG 102 First-Year Comp (3)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(University requirement - "C" min required)

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: PLB 414 Plant Pathology L (3)

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

  - SG: 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: 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**)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Trans</th>
<th>Grade</th>
<th>ASU</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 187 General Biology I (4) SQ</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIO 188 General Biology II (4) SQ</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ABS 270 Sustainable Biological Systems (3)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ABS 302 Ethical &amp; Policy Issues in Biology (2)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIO 340 General Genetics (4)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ABS 350 Applied Statistics or Equivalent CS (3)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAT 210 Brief Calculus (3) MA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHM 113 General Chemistry (4) SQ</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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)

Sub Total (III) _________

**IV. Urban Horticulture Concentration**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Trans</th>
<th>Grade</th>
<th>ASU</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABS 225 Soils (3)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ABS 226 Soils Lab (1)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ABS 260 Fund. Of Urban Horticulture SG (4)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ABS 362 Landscape Plants (4)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ABS 363 Landscape &amp; Turf Irrigation (4)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ABS 364 Urban Forestry (3)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHM 231 Elem. Organic Chemistry (3)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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

**TOTAL PROGRAM HOURS**

*Graduation Requirements (Regular Curriculum –120 hours)*

Total upper-division hours _______ (minimum required – 45)