Arizona State University
ASU Main Campus
1998-1999 TRANSFER GUIDE
FOR PIMA COMMUNITY COLLEGE
Bachelor of Science
Plant Biology
Concentrations in: Molecular Biosciences/Biotechnology,
Environmental Sciences & Ecology,
and Urban Horticulture

The Arizona resident applicant for transfer admission must meet competency requirements and have a cumulative grade point average (GPA) of 2.00 on a four-point (A) scale in all college level work and be in good standing and eligible to return to the last institution attended. Students who have less than 24 semester transfer credits must also meet competency requirements. Arizona residents who have completed an Arizona General Education Curriculum (AGEC) or an associate degree with a minimum 2.00 GPA in the AGEC or associate degree are exempt from admission requirements. A maximum of 64 semester credit hours will be accepted when transferred from community colleges; all transferable community college credits are accepted as lower-division credits and do not satisfy upper-division General Studies or graduation requirements.

For more information, call or write:
(602) 965-3414
Undergraduate Advisor
Department of Plant Biology
Arizona State University
Tempe, Arizona 85287-1601

COLLEGE OF LIBERAL ARTS AND SCIENCES (CLAS) ADMISSION CRITERIA
General University requirements satisfy the admission requirements of this program.

ASU
PCC
Transfer value of a course, including General Studies value, is governed by the Course Equivalency Guide (CEG) in force at the time the course is taken. Summer session is included with the previous academic year.
Community college courses which are equivalent in content to upper division courses at ASU will be transferrable as equivalent but with lower division credit. The course need not be repeated but will not count toward the required number of upper division credit hours.

FIRST YEAR COMPOSITION (3-6)
ENG 101 & 102 First-Year Comp
or
ENG 105 Adv First-Year Comp
or
ENG 107 & 108 Eng Foreign Students
WRT 101 & 102 Writing I & II
or
No PCC equivalent
or
WRT 107 & 108 Writing I & II/Intrnatl Stu

GENERAL STUDIES REQUIREMENTS/COLLEGE DISTRIBUTION REQUIREMENTS
Students completing the Transfer General Education Core Curriculum (TGECC) will still be required to fulfill lower division program requirements and prerequisites within their college and major/minor area of study. In all cases, students have the responsibility for selecting general education coursework that is relevant to the requirements of their intended major and degree.
Select credits from CEG General Studies Insert as follows: 3 L1 credits (those that transfer as PHI, PSY or REL are recommended), 9 HU credits (except those that transfer as ASB 222 or "E") (minimum 6 hours from ARS, MUS, THE), 9 SB credits (except those that transfer as ASM, COM, JUS, MCO and "E"), 3 C credits (except Pima's HUM 260), 3 G credits, and 3 H credits (except those that transfer as "E"). Additional and/or mandated General Studies requirements, if any, are listed in the Major Requirements section with designation in brackets.

COLLEGE PROFICIENCY REQUIREMENTS
Requires knowledge of a second language equivalent to the completion of two years study at the college level. Courses in American Sign Language also satisfy the requirement. (See the 1998-99 Catalog for further information.) Select language courses that transfer to ASU at the 101, 102, 201, 202, 203, 204 and/or 205 level, or courses that transfer to ASU as SHS 174, SHS 175, SHS 274 and SHS 275.
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Bachelor of Science (page 2 of 3)  
Plant Biology/Concentrations in: Molecular Biosciences/Biotechnology, Environmental Sciences & Ecology, and Urban Horticulture

ASU  

MAJOR REQUIREMENTS  
While still a student at PCC, contact the department academic advisor. Only those required courses which have PCC course equivalents are listed below.

Note: It is recommended that majors take upper-division PLB & ERS courses at ASU.

**CORE COURSES**

<table>
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<tr>
<th>ASU</th>
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<tbody>
<tr>
<td>BIO 181</td>
<td>General Biology [S1/S2] &amp;</td>
</tr>
<tr>
<td>BIO 182</td>
<td>General Biology [S2]</td>
</tr>
<tr>
<td>MAT 210</td>
<td>Brief Calculus [N1]</td>
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**REQUIRED SUPPLEMENTARY COURSES**

**Urban Horticulture Concentration**

<table>
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<tr>
<th>ASU</th>
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<tbody>
<tr>
<td>CHM 101</td>
<td>Intro Chemistry [S1/S2]</td>
</tr>
<tr>
<td>CHM 231</td>
<td>Elementary Organic Chem [S1/S2] &amp;</td>
</tr>
<tr>
<td>CHM 235</td>
<td>Elementary Organic Chem Lab [S1/S2]</td>
</tr>
<tr>
<td>ERS 225</td>
<td>Soils &amp;</td>
</tr>
<tr>
<td>ERS 226</td>
<td>Soils Laboratory</td>
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**Molecular Biosciences/Biotechnology Concentration**

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<tr>
<th>ASU</th>
<th>PCC</th>
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<tbody>
<tr>
<td>CHM 113</td>
<td>General Chemistry [S1/S2]</td>
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<tr>
<td>CHM 115</td>
<td>Gen Chemistry with Qualit Analysis [S1/S2]</td>
</tr>
<tr>
<td>CHM 231</td>
<td>Elementary Organic Chem [S1/S2] &amp;</td>
</tr>
<tr>
<td>CHM 235</td>
<td>Elementary Organic Chem Lab [S1/S2]</td>
</tr>
<tr>
<td>PHY 121</td>
<td>University Physics I: Mechanics [S1/S2] &amp;</td>
</tr>
<tr>
<td>PHY 122</td>
<td>University Physics Lab I [S1/S2]</td>
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### Required Supplementary Courses (cont'd)

#### Environmental Sciences & Ecology Concentration
- **ASU**: CHM 113 General Chemistry [S1/S2]  
- **PCC**: CHM 151 General Chemistry I
- **ASU**: CHM 115 Gen Chemistry with Qualit Analysis [S1/S2]  
- **PCC**: CHM 152 General Chemistry II
- **ASU**: CHM 231 Elementary Organic Chem [S1/S2] & CHM 235 Elementary Organic Chem Lab [S1/S2]  
- **PCC**: CHM 140 Fund Organic & Biochemistry

Take either this sequence:
- **ASU**: GLG 101 Introduction to Geology I [S1/S2] & GLG 103 Introduction to Geology I Lab [S1/S2]  
- **PCC**: GLG 101 Introductory Geology I

or
- **ASU**: GLG 110 Environmental Geology [S2] & GLG 111 Environmental Geology Lab [S2]  
- **PCC**: No PCC equivalent

### Minor Requirements

(Only those required courses which have PCC course equivalents are listed.)
- **ASU**: BIO 181 General Biology [S1/S2] & BIO 182 General Biology [S2]  
- **PCC**: BIO 181 General Bio (Majors) I & BIO 182 General Bio (Majors) II

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Approved by Dr. J. Kenneth Hoober  
Department Chair

Dr. Leonard Gordon  
Associate Dean for Academic Programs  
College of Liberal Arts and Sciences

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1. Although a course may satisfy a core area requirement and an awareness area requirement concurrently, a course may **not** be used to satisfy requirements in two core areas simultaneously, even if approved for those areas. A course may satisfy two awareness areas concurrently.