Arizona State University
ASU Main Campus
1999-2000 TRANSFER GUIDE
FOR THE MARICOPA COMMUNITY COLLEGES
Bachelor of Science
Plant Biology
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:
(480) 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.
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 should not be repeated but will not count toward the required number of upper division credit hours.

FIRST YEAR COMPOSITION (3-6)

<table>
<thead>
<tr>
<th>ASU</th>
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<tbody>
<tr>
<td>ENG 101 &amp; 102 First-Year Comp or ENG 105 Adv First-Year Comp or ENG 107 &amp; ENG 108 Eng Foreign Students</td>
<td>ENG 101 &amp; 102 First-Year Composition or No MCCCD equivalent or ENG 107 &amp; ENG 108 First-Yr Comp for ESL</td>
</tr>
</tbody>
</table>

GENERAL STUDIES REQUIREMENTS/COLLEGE DISTRIBUTION REQUIREMENTS
Students completing the Arizona General Education Curriculum (AGEC) 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 DEC/DAH), ENG 200 or 218, GPH, DEC(HUM), PHI, POS, PSY, REL or DEC/REL, and THE are recommended; 9 HU credits (maximum 6 hours from ARS, DAH, MUS, THE)(except those that transfer as ASB, COM, EED, FRE 205, HCR, INT, LAT 201, LAT 202, RDG, DEC(WST) or "E"); 9 SB credits (except those that transfer as AIS, ASM, CDE 232, COM, JUS, DEC(FAS), MCO, REC, SPE, SPF, SWU, or "E"); 3 C credits (except those that transfer as AIS, CCS, COM, JUS, MCE, SPE, or "E"); 3 G credits (except those that transfer as COM, HCR, or "E") and 3 H credits (except those that transfer as INT, SWU or "E"). Additional and/or mandated General Studies requirements, if any, are listed in the Major Requirements section with designation in brackets.
## ASU 1999-2000 Transfer Guide for the Maricopa Community Colleges
### Bachelor of Science (page 2 of 3)
#### Plant Biology/Concentrations in: Plant Biochemistry & Molecular Biology, Environmental Sciences & Ecology, and Urban Horticulture

### 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 current 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.

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

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

| ASU | Core Courses | MCCC | \[
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<tr>
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<tbody>
<tr>
<td>BIO 181</td>
<td>General Biology [S1/S2] &amp;</td>
<td>BIO 181</td>
<td>General Bio (Majors) I</td>
</tr>
<tr>
<td>BIO 182</td>
<td>General Biology [S2]</td>
<td>BIO 182</td>
<td>General Bio (Majors) II</td>
</tr>
<tr>
<td>MAT 210</td>
<td>Brief Calculus [N1]</td>
<td>MAT 212</td>
<td>Brief Calculus</td>
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</table>

#### Urban Horticulture Concentration ONLY

| ASU | Required Supplementary Courses | MCCC | \[
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>CHM 101</td>
<td>Intro Chemistry [S1/S2]</td>
<td>CHM 130</td>
<td>Fundamental Chemistry &amp;</td>
</tr>
<tr>
<td>CHM 130LL</td>
<td>Fundamental Chem Lab</td>
<td>CHM 230</td>
<td>Fundamental Organic Chem &amp;</td>
</tr>
<tr>
<td>CHM 230LL</td>
<td>Fund Organic Chem Lab</td>
<td>AGS 183</td>
<td>Ornamental Plant Id &amp; Use *</td>
</tr>
<tr>
<td>AGS 183</td>
<td>Ornamental Plant Id &amp; Use *</td>
<td>*AGS183 satisfies Horticulture Option</td>
<td></td>
</tr>
<tr>
<td>CHM 235</td>
<td>Elementary Organic Chem Lab [S1/S2]</td>
<td>CHM 235</td>
<td>Elementary Organic Chem Lab [S1/S2]</td>
</tr>
<tr>
<td>ERS 225</td>
<td>Soils &amp;</td>
<td>ERS 226</td>
<td>Soils Laboratory</td>
</tr>
<tr>
<td>ERS 260</td>
<td>Origin/Composition of Soils</td>
<td>AGS 260</td>
<td>Origin/Composition of Soils</td>
</tr>
<tr>
<td>CHM 113</td>
<td>General Chemistry [S1/S2]</td>
<td>CHM 113</td>
<td>General Chemistry [S1/S2]</td>
</tr>
<tr>
<td>CHM 115</td>
<td>Gen Chemistry with Qualit Analysis [S1/S2]</td>
<td>CHM 151</td>
<td>General Chemistry I &amp;</td>
</tr>
<tr>
<td>CHM 151LL</td>
<td>General Chemistry I Lab</td>
<td>CHM 154</td>
<td>Gen Chem II with Qual &amp;</td>
</tr>
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<td>CHM 230</td>
<td>Fundamental Organic Chem &amp;</td>
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<td>CHM 231</td>
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<td>CHM 235</td>
<td>Elementary Organic Chem Lab [S1/S2]</td>
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<td>Elementary Organic Chem Lab [S1/S2]</td>
</tr>
<tr>
<td>PHY 121</td>
<td>University Physics I: Mechanics [S1/S2] &amp;</td>
<td>PHY 121</td>
<td>Univ Physics I: Mechanics</td>
</tr>
<tr>
<td>PHY 122</td>
<td>University Physics Lab I [S1/S2]</td>
<td>PHY 122</td>
<td>University Physics Lab I [S1/S2]</td>
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Plant Biology/Concentrations in: Plant Biochemistry & Molecular Biology, Environmental Sciences & Ecology, and Urban Horticulture

### Environmental Sciences & Ecology Concentration

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<tr>
<td>CHM 113 General Chemistry [S1/S2]</td>
<td>CHM 151 General Chemistry I &amp; CHM 151LL General Chemistry I Lab</td>
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<tr>
<td>CHM 115 Gen Chemistry with Qualit Analysis [S1/S2]</td>
<td>CHM 154 Gen Chem II with Qual &amp; CHM 154LL Gen Chem II with Qual Lab</td>
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Take either this sequence:

- GLG 101 Introduction to Geology I [S1/S2] & GLG 103 Introduction to Geology I Lab [S1/S2]
- GLG 110 Environmental Geology [S2] & GLG 111 Environmental Geology Lab [S2]

or

- GLG 101 Intro Geol I-PhysicL Lec & GLG 103 Intro Geol I-PhysicL Lab
- GLG 110 Environmental Geology & GLG 111 Environmental Geology Lab

### Minor Requirements (Only those required courses which have MCCCD course equivalents are listed.)

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**MCCCD**
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ASU

CORE COURSES

TYPE

ASU

MCCCD

REQUIRED SUPPLEMENTARY COURSES

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BIO 182 General Biology [S2] BIO 182 General Bio (Majors) II

CHM 113 General Chemistry [S1/S2]
CHM 115 Gen Chemistry with Qualit Analysis [S1/S2]
CHM 231 Elementary Organic Chem [S1/S2] &
CHM 235 Elementary Organic Chem Lab [S1/S2]

CHM 151 General Chemistry I &
CHM 151LL General Chemistry I Lab
CHM 154 Gen Chem II with Qual &
CHM 154LL Gen Chem II with Qual Lab
CHM 230 Fundamental Organic Chem &
CHM 230LL Fund Organic Chem Lab

PHY 111 General Physics [S1/S2] & PHY 111 General Physics
PHY 113 General Physics Lab I [S1/S2]

PHY 112 General Physics [S1/S2] & PHY 112 General Physics
PHY 114 General Physics [S1/S2]

Approved by Dr. J. Kenneth Hoober Date
Department Chair

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

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