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) 965-5340
Undergraduate Advisor
Department of Biology
Arizona State University
Tempe, Arizona 85287-1501

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

ASU  
AWC
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)

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

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 (PHI 103 is recommended); 3 N1 credits, 9 HU credits (maximum 6 hours from ARS, MUS, THE), 9 SB credits (except those that transfer as CDE, COM, JUS, REC and “E”), 3 credits from G (except AGB 453) and 3 credits from H (except those that transfer as SWU). 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.
ASU 1998-1999 Transfer Guide for Arizona Western College
Bachelor of Science (page 2 of 2)
Biology

**ASU**

**MAJOR REQUIREMENTS**
While still a student at AWC, contact the department academic advisor. Only those required courses which have AWC course equivalents are listed below. Students are strongly encouraged to complete lower division course requirements at the community college.

### MAJOR FIELD REQUIREMENTS

<table>
<thead>
<tr>
<th>ASU Course</th>
<th>AWC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 181</td>
<td>BIO 181</td>
</tr>
<tr>
<td>General Biology [S1/S2]</td>
<td>General Biology (Majors) I &amp;</td>
</tr>
<tr>
<td>BIO 182</td>
<td>BIO 182</td>
</tr>
<tr>
<td>General Biology [S2]</td>
<td>General Biology (Majors) II</td>
</tr>
<tr>
<td>MIC 205</td>
<td>BIO 205</td>
</tr>
<tr>
<td>Microbiology [S2] &amp;</td>
<td>Microbiology</td>
</tr>
<tr>
<td>MIC 206</td>
<td></td>
</tr>
<tr>
<td>Microbiology Lab [S2]</td>
<td></td>
</tr>
</tbody>
</table>

### REQUIRED SUPPLEMENTARY COURSES

<table>
<thead>
<tr>
<th>ASU Course</th>
<th>AWC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 113</td>
<td>CHM 151</td>
</tr>
<tr>
<td>General Chemistry [S1/S2]</td>
<td>General Chemistry I</td>
</tr>
<tr>
<td>CHM 115</td>
<td>CHM 154</td>
</tr>
<tr>
<td>Gen Chemistry with Qualit Analysis [S1/S2]</td>
<td>General Chemistry II</td>
</tr>
<tr>
<td>CHM 231</td>
<td>CHM 140</td>
</tr>
<tr>
<td>Elem Org Chem [S1/S2] &amp;</td>
<td>Fund Organic Chemistry</td>
</tr>
<tr>
<td>CHM 235</td>
<td></td>
</tr>
<tr>
<td>Elementary Organic Chem Lab [S1/S2]</td>
<td></td>
</tr>
</tbody>
</table>

Take either this sequence:

<table>
<thead>
<tr>
<th>ASU Course</th>
<th>AWC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 331</td>
<td>CHM 235</td>
</tr>
<tr>
<td>General Organic Chem &amp;</td>
<td>Organic Chemistry I</td>
</tr>
<tr>
<td>CHM 335</td>
<td>CHM 236</td>
</tr>
<tr>
<td>Gen Organic Chem Lab</td>
<td>Organic Chemistry II</td>
</tr>
<tr>
<td>CHM 332</td>
<td></td>
</tr>
<tr>
<td>General Organic Chem &amp;</td>
<td></td>
</tr>
<tr>
<td>CHM 336</td>
<td></td>
</tr>
<tr>
<td>Gen Organic Chem Lab</td>
<td></td>
</tr>
</tbody>
</table>

It is recommended that the one year organic chemistry sequence CHM 331/335 and CHM 332/336 be taken at ASU to contribute to the upper division requirement.

<table>
<thead>
<tr>
<th>ASU Course</th>
<th>AWC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 210</td>
<td>MAT 212</td>
</tr>
<tr>
<td>Brief Calculus [N1]</td>
<td>Elements of Calculus</td>
</tr>
<tr>
<td>PHY 101</td>
<td></td>
</tr>
<tr>
<td>Intro to Physics [S1/S2]</td>
<td></td>
</tr>
<tr>
<td>PHY 111</td>
<td>PHY 201</td>
</tr>
<tr>
<td>General Physics [S1/S2] &amp;</td>
<td>College Physics</td>
</tr>
<tr>
<td>PHY 113</td>
<td>PHY 202</td>
</tr>
<tr>
<td>General Physics Lab [S1/S2]</td>
<td>College Physics</td>
</tr>
<tr>
<td>PHY 114</td>
<td></td>
</tr>
<tr>
<td>General Physics [S1/S2] &amp;</td>
<td></td>
</tr>
</tbody>
</table>

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Approved by Dr. James Collins
Department Chair, Department of Biology

Approved by 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.