Arizona State University  
ASU Main Campus  
1998-99 TRANSFER GUIDE  
FOR ARIZONA WESTERN COLLEGE  
Bachelor of Science  
Physics/Options 1 and 2

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) 965-3561  
Department of Physics  
Arizona State University  
Tempe, Arizona  85287-1504

COLLEGE OF LIBERAL ARTS AND SCIENCES (CLAS) ADMISSION CRITERIA
1. General University requirements satisfy the admission requirements of this program.
2. Calculus (MAT 270) is a prerequisite of the first course within the physical core.

ASU
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  

AWC
ENG 101 & 102 Freshman Composition  
No AWC equivalent

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 103 are recommended), 3 N1 credits and 3 N2 or N3 credits (those that transfer as CSE or STP are recommended), 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 C credits, 3 G credits (except AGB 453), and 3 H credits (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 1998-99 Transfer Guide for Arizona Western College  
Bachelor of Science (page 2 of 2)  
Physics/Options 1 and 2

**ASU**  
**AWC**

### 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.

<table>
<thead>
<tr>
<th>ASU</th>
<th>AWC</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 270 Cal/Analytic Geo I [N1]</td>
<td>MAT 221 Calc I w/Analytic Geom</td>
</tr>
<tr>
<td>MAT 271 Cal/Analytic Geo II [N1]</td>
<td>MAT 231 Calc II w/Analytic Geom</td>
</tr>
<tr>
<td>MAT 272 Cal/Analytic Geo III [N1]</td>
<td>MAT 241 Analytic Geom &amp; Calculus III</td>
</tr>
<tr>
<td>PHY 121 Univ Physics I:Mech [S1/S2] * &amp;</td>
<td>PHY 221 General Physics</td>
</tr>
<tr>
<td>PHY 122 Univ Physics Lab I [S1/S2]*</td>
<td></td>
</tr>
<tr>
<td>PHY 131 Univ Physics II:Elec and Magnetism [S1/S2]* &amp;</td>
<td>PHY 222 General Physics</td>
</tr>
<tr>
<td>PHY 132 Univ Physics Lab II [S1/S2]*</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OR the sequence [PHY 150, 151] fulfills the requirement for the ASU physics major.</td>
</tr>
<tr>
<td>PHY 252 Physics III [S1/S2]</td>
<td>No AWC equivalent</td>
</tr>
</tbody>
</table>

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.