Arizona State University  
ASU Main Campus  
1999-2000 TRANSFER GUIDE  
FOR COCHISE COLLEGE  
Bachelor of Science  
Biology

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) 965-5340
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.

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>
<th>CC</th>
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<tbody>
<tr>
<td>ENG 101 &amp; 102  First-Year Comp</td>
<td>ENG 101 &amp; 102 Composition</td>
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<tr>
<td>or Eng 105 Adv First-Year Comp</td>
<td>No CC equivalent</td>
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<tr>
<td>or</td>
<td>ENG 107 &amp; ENG 108 Eng Foreign Students</td>
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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 PSY are recommended), 3 N1 credits, 9 HU credits (except those that transfer as LAT 201 or LAT 202) (maximum 6 hours from ARS, MUS, THE), 9 SB credits (except those that transfer as ASM, COM, JUS and MCO), 3 C credits (except those that transfer as JUS or ‘E’), 3 G credits, 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 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 CC, contact the department academic advisor. Only those required courses which have CC course equivalents are listed below. Students are strongly encouraged to complete lower division course requirements at the community college.

MAJOR FIELD REQUIREMENTS

**ASU**  
BIO 181  General Biology [S1/S2]  
BIO 182  General Biology [S2]  
MIC 205  Microbiology [S2] &  
MIC 206  Microbiology Lab [S2]  

**CC**  
BIO 184  Plant Biology & *  
BIO 190  Animal Biology *  
* BIO 184 & BIO 190 together are equivalent to ASU’s BIO 181 & BIO 182.  
BIO 205  Microbiology

**REQUIRED SUPPLEMENTARY COURSES**

CHM 113  General Chemistry [S1/S2]  
CHM 115  General Chemistry with Qualitative[S1/S2]  

CHM 151  General Chemistry I  
No Cochise CC equivalent course

Take either this sequence:  
CHM 231  Elem Org Chem [S1/S2] &  
CHM 235  Elementary Organic Chem Lab [S1/S2]  
or sequence below:  
CHM 331  General Organic Chem &  
CHM 335  Gen Organic Chem Lab  
CHM 332  General Organic Chem &  
CHM 336  Gen Organic Chem Lab  
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.

CHM 140  Fund Organic & Bio Chem  
CHM 235  Gen Organic Chemistry I  
CHM 236  Gen Organic Chemistry II

MAT 210  Brief Calculus [N1]  
PHY 101  Intro to Physics [S1/S2]  
PHY 111  General Physics [S1/S2] &  
PHY 113  General Physics Lab [S1/S2]  
PHY 112  General Physics [S1/S2] &  
PHY 114  General Physics Lab [S1/S2]  

MAT 212  Calculus for Business  
No CC equivalent  
PHY 111  General Physics I  
PHY 112  General Physics II

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

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.