Arizona State University  
ASU Main Campus  
1998-1999 TRANSFER GUIDE  
FOR THE MARICOPA COMMUNITY COLLEGES  
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:
(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  
MCCCD  
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  
ENG 101 & 102 First-Year Composition  
or  
No MCCCD equivalent  
or  
ENG 107 & 108 Eng for Speakr Othr Lang

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 ENG, GPH, PHI, PSY or DEC(REL) are recommended); 3 N1 credits; 9 HU credits (except those that transfer as ASB 222, FRE 205, LAT 201, LAT 202, "E", and DEC(WST)) (maximum 6 hours from those that transfer as ARS, DAH, MUS, THE); 9 SB credits (except those that transfer as ASM, CDE 232, COM, JUS, REC, DEC(FAS), "E" and MCCCD's CFS 157); 6 credits from any two of C (except those that transfer as COM, MCE and "E"), G (except those that transfer as COM and "E"), and H (except those that transfer as INT, SWU and "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.
## 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. Students are strongly encouraged to complete lower division course requirements at the community college.

### Major Field Requirements

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<tr>
<th>ASU</th>
<th>MCCCD</th>
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<tbody>
<tr>
<td>BIO 181 General Biology [S1/S2]</td>
<td>BIO 181 General Bio (Majors) I</td>
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<tr>
<td>BIO 182 General Biology [S2]</td>
<td>BIO 182 General Bio (Majors) II</td>
</tr>
<tr>
<td>MIC 205 Microbiology [S2] &amp;</td>
<td>BIO 205 Microbiology</td>
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<tr>
<td>MIC 206 Microbiology Lab [S2]</td>
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### Required Supplementary Courses

- **CHM 113** General Chemistry [S1/S2]
- **CHM 115** Gen Chemistry with Qualit Analysis [S1/S2]

Take either this sequence:

- **CHM 231** Elem Org Chem [S1/S2] &
- **CHM 235** Elementary Organic Chem Lab [S1/S2]

or the sequence below:

- **CHM 331** General Organic Chem
- **CHM 335** Gen Organic Chem Lab
- **CHM 332** General Organic Chem

CHM 336 Gen Organic Chem Lab

CHM 331/335 and CHM 332/336 be taken at ASU to contribute to the upper division requirement.

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<tr>
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<tr>
<td>CHM 230 Fundamental Organic Chem &amp;</td>
<td>CHM 151 General Chemistry I &amp;</td>
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<tr>
<td>CHM 230LL Fund Organic Chem Lab</td>
<td>CHM 151LL General Chemistry I Lab</td>
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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.

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<tr>
<td>MAT 210 Brief Calculus [N1]</td>
<td>MAT 212 Brief Calculus</td>
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<tr>
<td>PHY 101 Intro to Physics [S1/S2]</td>
<td>PHY 101 Introduction to Physics</td>
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or the sequence below:

- **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]

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

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.