Arizona State University

ASU Main Campus

1999-2000 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:
(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>MCCCD</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101 &amp; 102 First-Year Comp</td>
<td>ENG 101 &amp; 102 First-Year Composition</td>
</tr>
<tr>
<td>or</td>
<td>No MCCCD equivalent</td>
</tr>
<tr>
<td>ENG 105 Adv First-Year Comp</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td></td>
</tr>
<tr>
<td>ENG 107 &amp; ENG 108 Eng Foreign Students</td>
<td>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 ENG 218, GPH, DEC(HUM), PHI, POS, PSY, REL, DEC(REL), and THE are recommended); 3 N1 credits; 9 HU credits (except those that transfer as ASB, , COM, EED, FRE 205, HCR, INT, LAT 201, LAT 202, RDG, DEC(WST, or 'E') (maximum 6 hours from those that transfer as ARS, DAH, MUS, THE); 9 SB credits (except those that transfer as AFS, ASM, CDE 232, COM, DEC(FAS), JUS, MCO, REC, SPE, SPF, SWU, or "E"); 3 C credits (except those that transfer as AFS, 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.

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.
**ASU 1999-2000 Transfer Guide for the Maricopa Community Colleges**  
**Bachelor of Science (page 2 of 2)**  
**Biology**

### 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

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

##### MCCCD
- BIO 181 General Bio (Majors) I
- BIO 182 General Bio (Majors) II
- BIO 205 Microbiology

#### REQUIRED SUPPLEMENTARY COURSES

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

Take either this sequence:
- CHM 230 Fundamental Organic Chem &

or the sequence below:
- CHM 235LL Fund Organic Chem Lab

- CHM 331 General Organic Chem
- 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.

<table>
<thead>
<tr>
<th>ASU</th>
<th>MCCCD</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 210 Brief Calculus [N1]</td>
<td>MAT 212 Brief Calculus</td>
</tr>
<tr>
<td>PHY 101 Intro to Physics [S1/S2]</td>
<td>PHY 101 Introduction to Physics</td>
</tr>
<tr>
<td>or the sequence below:</td>
<td>PHY 111 General Physics I</td>
</tr>
<tr>
<td>PHY 111 General Physics [S1/S2] &amp;</td>
<td>PHY 112 General Physics II</td>
</tr>
<tr>
<td>PHY 113 General Physics Lab [S1/S2]</td>
<td></td>
</tr>
<tr>
<td>PHY 112 General Physics [S1/S2] &amp;</td>
<td></td>
</tr>
<tr>
<td>PHY 114 General Physics Lab [S1/S2]</td>
<td></td>
</tr>
</tbody>
</table>

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

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

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.