Arizona State University

ASU Main Campus

1999-2000 TRANSFER GUIDE

FOR THE MARICOPA COMMUNITY COLLEGES

Bachelor of Science

Microbiology

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) 965-3904
Dr. Jean M. Schmidt
Head Undergraduate Advisor
Department of Microbiology
Arizona State University
Tempe, Arizona  85287-2701

COLLEGE OF LIBERAL ARTS AND SCIENCES (CLAS) ADMISSION CRITERIA

1. General University requirements satisfy the admission requirements of this program.
2. Students transferring MIC 205 or any other nonmajor introductory microbiology course must take a diagnostic examination to obtain credits.

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>MCCCD</th>
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</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 ENG 105 Adv First-Year Comp</td>
<td>No MCCCD equivalent</td>
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<tr>
<td>or ENG 107 &amp; ENG 108 Eng Foreign Students</td>
<td>ENG 107 &amp; ENG 108 First-Yr Comp for ESL</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 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 AIS, ASM, CDE 232, COM, DEC(FAS), JUS, MCO, REC, SPE, SPF, SWU, or "E"); 3 C credits (except those that transfer as AIS, 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.
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.

CSE 180  Computer Literacy [N3]  BPC 105  Survey Computer Info Sys
or  BPC 110  Computr Usage/Applicatn
or  BPC 110AA  Computer Usage * &
      BPC 110AB  Computer Applications *
* BPC 110AA & BPC 110AB together are equivalent to CSE180.
      or  CIS 105  Survey Computer Info Sys
or  CIS 183AA  Microsoft Works
or  CIS 183AA  Microsoft Works

or  CSE 183  Applied Prob Solving with Fortran [N3]  CSC 183  Appld Prob Solv Fortran
or  MAT 210  Brief Calculus [N1]  MAT 212  Brief Calculus
or  MAT 270  Cal/Analytic Geo I [N1]  MAT 220  Analytic Geom & Calc I
      or  MAT 221  Calc Analytic Geom I

REQUIRED COURSES FOR MAJOR

BIO 181  General Biology [S1/S2]  BIO 181  General Bio (Majors) I *
BIO 182  General Biology [S2]  BIO 182  General Bio (Majors) II *
*It is strongly recommended that the entire BIO sequence be completed at one institution, either MCCCD or ASU.

MIC 205  Microbiology * [S2] &  BIO 205  Microbiology *
MIC 206  Microbiology Lab [S2] *
* May not be used for Microbiology majors unless a diagnostic test is passed.
## Microbiology

### ASU Required Supplementary Courses

<table>
<thead>
<tr>
<th>ASU Course</th>
<th>MCCCD Equivalent</th>
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<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 Qual Analysis [S1/S2]</td>
<td>CHM 151LL General Chemistry I Lab *</td>
</tr>
<tr>
<td>CHM 231 Elem Org Chem [S1/S2]</td>
<td>CHM 235 General Organic Chem I *</td>
</tr>
<tr>
<td>CHM 235 Elementary Organic Chem Lab [S1/S2]</td>
<td>CHM 235LL Gen Organic Chem I Lab *</td>
</tr>
<tr>
<td>CHM 331 General Organic Chem</td>
<td>CHM 236 Gen Organic Chem IIA *</td>
</tr>
<tr>
<td>CHM 335 Gen Organic Chem Lab</td>
<td>CHM 238 Gen Organic Chem IIB * &amp;</td>
</tr>
<tr>
<td>CHM 332 General Organic Chem</td>
<td>CHM 236LL Gen Organic Chem IIA Lab *</td>
</tr>
<tr>
<td>CHM 336 Gen Organic Chem Lab</td>
<td>CHM 238LL Gen Organic Chem IIB Lab *</td>
</tr>
</tbody>
</table>

* Acceptable, but not recommended. The department recommends that students take the required upper-division chemistry courses at ASU.

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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.