Arizona State University
ASU Main Campus
1998-1999 TRANSFER GUIDE
FOR CENTRAL ARIZONA COLLEGE
Bachelor of Science
Chemistry

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) 965-3461
Undergraduate Programs Committee
Department of Chemistry & Biochemistry
Arizona State University
Tempe, Arizona 85287-1604

COLLEGE OF LIBERAL ARTS (CLAS) ADMISSION CRITERIA
General university requirements satisfy the admission requirements of this program.

ASU
CAC
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 & ENG 102 English Comp III & IV No CAC equivalent
ENG 107 & ENG 108 English Comp III & IV (ESL)

GENERAL STUDIES REQUIREMENTS/COLLEGE DISTRIBUTION REQUIREMENTS
Students completing the Transfer General Education Core Curriculum (TGEC) 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 (except those that transfer as “E” or COM), 3 N2 or N3 credits (those that transfer as PSY 230 are recommended), 9 HU credits (maximum 6 hours from ARS, MUS, THE); 9 SB credits (except those that transfer as ASM, COM, JUS, MCO and REC), 3 C credits, 3 G credits (except those that transfer as ERS 346), and 3 H credits (except those that transfer as “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.
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**Bachelor of Science (page 2 of 2)**  
**Chemistry**

### MAJOR REQUIREMENTS

While still a student at CAC, contact the department academic advisor. Only those required courses which have CAC course equivalents are listed below.

<table>
<thead>
<tr>
<th>ASU</th>
<th>CAC</th>
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<tbody>
<tr>
<td>CHM 113 General Chemistry [S1/S2]</td>
<td>CHM 101 General Chemistry I</td>
</tr>
<tr>
<td>CHM 115 Gen Chemistry with Qualit Analysis [S1/S2]</td>
<td>No CAC equivalent</td>
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<tr>
<td>MAT 270 Cal/Analytic Geo I [N1]</td>
<td>MAT 220 Calc/Analytic Geo I</td>
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<td></td>
<td>or MAT 221 Analyt Geom /Calc I</td>
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<tr>
<td>MAT 271 Cal/Analytic Geo II [N1]</td>
<td>MAT 230 Calc/Analytic Geo II</td>
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<td>or MAT 231 Analyt Geom/Calc II</td>
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<tr>
<td>MAT 272 Cal/Analytic Geo III [N1]</td>
<td>MAT 240 Calc/Analytic Geo III</td>
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<tr>
<td></td>
<td>or MAT 241 Analyt Geom/Calc III</td>
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<tr>
<td>PHY 121 Univ Physics I:Mech [S1/S2] &amp;</td>
<td>PHY 261 University Phys I &amp;</td>
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<tr>
<td>PHY 122 Univ Physics Lab I [S1/S2] &amp;</td>
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<tr>
<td>PHY 131 Univ Physics II Elec and Magnetism [S1/S2] &amp;</td>
<td>PHY 262 University Phys II</td>
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<tr>
<td>PHY 132 Univ Physics Lab II [S1/S2]</td>
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*Comment: Chemistry majors should be advised to take ASU's PHY 241.*

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Approved by Dr. Theodore Brown  
Associate Department Chair  

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.