Arizona State University
ASU Main Campus
FALL 2000 TRANSFER GUIDE
FOR THE MARICOPA COMMUNITY COLLEGES
Bachelor of Science
Chemistry

Students applying for admission with transferable hours must meet transfer GPA, freshman aptitude, and competency requirements www.asu.edu/admissions/applyingtoasu. Students transferring 24 or more semester hours do not have to meet freshman aptitude requirements. Students who are 22 years of age or older or have completed an Arizona General Education Curriculum (AGEC) or any associate degree or higher do not have to meet competency requirements. A maximum of 64 transferable semester hours completed at a regionally accredited two-year institution may be transferred to ASU. 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) 965-3461
Undergraduate Programs Committee
Department of Chemistry and 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.

Transfer value of a course, including General Studies value, is governed by the Course Applicability System (CAS) 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)

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<th>ASU</th>
<th>MCCCD</th>
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<td>ENG 101 &amp; 102 First-Year Comp or ENG 105 Adv First-Year Comp or ENG 107 &amp; ENG 108 Eng Foreign Students</td>
<td>ENG 101 &amp; 102 First-Year Composition or No MCCCD equivalent or ENG 107 &amp; ENG 108 First-Yr Comp for ESL</td>
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GENERAL STUDIES REQUIREMENTS/COLLEGE DISTRIBUTION REQUIREMENTS¹
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 The ASU General Studies Guides (http://www.asu.edu/provost/articulation/maricopa_main.html#gsr) as follows:

COLLEGE OF LIBERAL ARTS AND SCIENCES GRADUATION REQUIREMENTS¹
http://www.asu.edu/provost/articulation/chksheets/00-01/00CKCLAS.HTML/00clas-gradreqfortgs.pdf
CLAS requires knowledge of a second language equivalent to the completion of two years study at the college level. Students who choose to complete their CLAS second language graduation requirement in Greek, Latin, Portuguese, or Romanian must take both the 201 and 202 classes in order for this requirement to be met. In addition to the language requirement, students may also take one lower division Social/Behavioral Science or Humanities from those that transfer as AFH, AFS, ASB, CSH, CSS, ENG (literature only), ECN, GCU, HIS, HUM, PGS, PHI/HPS, POS, REL, SOC, WSH, or WST. This course is separate from those taken for the university general studies and may not be used to meet both requirements. Students may also choose to take 6 credits to meet the CLAS Natural Science/Mathematics requirement. This requirement is separate from the SQ and SG requirement of the university general studies and may not be used the meet the university requirement. Students may select 2 courses from those that transfer as ASM, BIO, CHM, BCH, CSE, GPH, GLG, MAT (above the college algebra level), STP, MIC, MBB, PHY, AST, PHS, PLB, MBB, PSY 230 or PSY 290.
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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.

**ASU**
CHM 113  General Chemistry [SQ]

**MCCCD**
CHM 151  General Chemistry I * &
CHM 151LL  General Chemistry I Lab *

*CHM 151 & CHM 151LL together are equivalent to CHM 113.

CHM 115  Gen Chemistry with Qualit Analysis [SQ]

CHM 154  Gen Chem II with Qual * &
CHM 154LL Gen Chem II with Qual Lab *

*CHM 154 & CHM 154LL together are equivalent to CHM 115.

CHM 325  Analytical Chemistry
CHM 326  Analytical Chemistry Lab

CHM 220  Analytical Chemistry
CHM 220LL Analytical Chemistry Lab

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

CHM 235  General Organic Chem I
CHM 235LL Gen Organic Chem I Lab
CHM 236  Gen Organic Chem IIA

or
CHM 238  Gen Organic Chem IIB

CHM 336  Gen Organic Chem Lab

CHM 236LL Gen Organic Chem IIA Lab

or
CHM 238LL Gen Organic Chem IIB Lab

**MAT 270**  Cal/Analytic Geo I [MA] &
**MAT 271**  Cal/Analytic Geo II [MA] &
**MAT 272**  Cal/Analytic Geo III [MA]

**MAT 220**  Analytic Geom & Calc I
**MAT 221**  Calc Analytic Geom I
**MAT 220**  Analytic Geom & Calc II
**MAT 230**  Calc Analytic Geom II

**MAT 241**  Calc Analytic Geom III
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**ASU**
PHY 121  Univ Physics I:Mech [SQ] &
PHY 122  Univ Physics Lab I [SQ] &
PHY 131  Univ Physics II:Elec and Mag [SQ] &
PHY 132  Univ Physics Lab II [SQ]

**MCCCD**
PHY 115  University Physics I &
PHY 116  University Physics II

or
PHY 121  Univ Physics I:Mechanics &
PHY 131  Univ Physics II: Elec/Magnets

Approved by Dr. Seth Rose  Date
Associate Department Chair

Dr. Leonard Gordon  Date
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.