Arizona State University
ASU Main Campus
1999-2000 TRANSFER GUIDE
FOR MOHAVE COMMUNITY COLLEGE
Bachelor of Science or Arts
Mathematics

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) 965-7195
Associate Chair for Undergraduate Mathematics
Department of Mathematics
Arizona State University
Tempe, Arizona 85287-1804

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 values, is governed by the Course Equivalency Guide in force at the time the course is taken. Summer session is indicated with the previous academic year. Community college courses which are equivalent in content to upper division courses at ASU will be transferable as equivalent but with lower division credit. The course should not be repeated but will not satisfy upper division credit requirements.

FIRST YEAR COMPOSITION (3-6)

<table>
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<tr>
<th>ASU</th>
<th>MCC</th>
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<tbody>
<tr>
<td>ENG 101 &amp; 102 First-Year Comp</td>
<td>ENG 101 &amp; 102 Eng Comp I &amp; II</td>
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<tr>
<td>or</td>
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<tr>
<td>ENG 105 Adv First-Year Comp</td>
<td>No MCC equivalent</td>
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<td>or</td>
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<tr>
<td>ENG 107 &amp; ENG 108 Eng Foreign Students</td>
<td>No MCC equivalent</td>
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GENERAL STUDIES REQUIREMENTS/COLLEGE DISTRIBUTION REQUIREMENTS
1,2
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 ENG are recommended), 9 HU credits (except those that transfer as COM) (maximum 6 hours from ARS, MUS, THE), 9 SB credits (except those that transfer as ASM, COM, JUS and REC), 3 C credits, 3 G credits, and 3 H credits (except those that transfer as 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.
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Bachelor of Science or Arts (page 2 of 3)
Mathematics

MAJOR REQUIREMENTS (for BA only)
While still a student at MCC, contact the department academic advisor. Only those required courses which have MCC course equivalents are listed below.

**ASU**
- CSE 100 Principles of Programming [N3]
- or
- CSE 183 Applied Prob Solving with Fortran [N3]
- or
- CSE 200 Concepts of Computer Science [N3]

**MCC**
- CIS 204 Program in C@
- CIS 201 Program in Fortran
- No MCC equivalent

MAT 270 Cal/Analytic Geo I [N1]
MAT 271 Cal/Analytic Geo II [N1]
MAT 272 Cal/Analytic Geo III [N1]

Comment: Course by course equivalency may be granted to MAT 270, MAT 271 & MAT 272. However, to ensure continuity of instruction, completion of an entire sequence at one institution is recommended.

The following courses can be used for this degree, but are not required.

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<tr>
<td>MAT 274 Elem Diff Equations [N1]</td>
<td>MAT 260 Diff Equations</td>
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</table>

MAJOR REQUIREMENTS (for BS only)
While still a student at MCC, contact the department academic advisor. Only those required courses which have MCC course equivalents are listed below.


MAT 270 Cal/Analytic Geo I [N1]
MAT 271 Cal/Analytic Geo II [N1]
MAT 272 Cal/Analytic Geo III [N1]

Comment: Course by course equivalency may be granted to MAT 270, MAT 271 & MAT 272. However, to ensure continuity of instruction, completion of an entire sequence at one institution is recommended.

The following courses can be used for this degree, but are not required.

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<td>MAT 274 Elem Diff Equations [N1]</td>
<td>MAT 260 Diff Equations</td>
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COMPUTATIONAL MATHEMATICAL SCIENCE CONCENTRATION

CSE 200 Concepts of Computer Science [N3] or CSE 210 Data Structures & Algorithms I [N3]

MAT 270 Cal/Analytic Geo I [N1]
MAT 271 Cal/Analytic Geo II [N1]
MAT 272 Cal/Analytic Geo III [N1]
MAT 274 Elem Diff Equations [N1]

Comment: Course by course equivalency may be granted to MAT 270, MAT 271 & MAT 272. However, to ensure continuity of instruction, completion of an entire sequence at one institution is recommended.

CHM 151 General Chemistry I
CHM 116 General Chemistry[S1/S2] CHM 152 General Chemistry II
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.