Arizona State University
ASU Main Campus
1998-99 TRANSFER GUIDE
FOR YAVAPAI 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:
(602) 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.

ASU
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 transferrable as equivalent but with lower division credit. The course need not be repeated but will not satisfy upper division credit requirements.

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

GENERAL STUDIES REQUIREMENTS/COLLEGE DISTRIBUTION REQUIREMENTS
Students completing the Transfer General Education Core Curriculum (TGECC) 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 or PHI are recommended), 9 HU credits (except those that transfer as ASB 222) (maximum 6 hours from ARS, MUS, THE), 9 SB credits (except those that transfer as ASM, COM and JUS), 3 C credits, 3 G credits, and 3 H credits. 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.
ASU 1998-99 Transfer Guide for Yavapai College
Bachelor of Science or Arts (page 2 of 3)
Mathematics

ASU

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

<table>
<thead>
<tr>
<th>ASU Course</th>
<th>YC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSE 100 Principles of Programming [N3]</td>
<td>CSA 165 Programming in C++</td>
</tr>
<tr>
<td>CSE 183 Applied Prob Solving with Fortran [N3]</td>
<td>No YC equivalent</td>
</tr>
<tr>
<td>MAT 270 Cal/Analytic Geo I [N1]</td>
<td>MTH 151 Calc &amp; Analytic Geom I</td>
</tr>
<tr>
<td>MAT 271 Cal/Analytic Geo II [N1]</td>
<td>MTH 152 Calc &amp; Analytic Geom II</td>
</tr>
<tr>
<td>MAT 272 Cal/Analytic Geo III [N1]</td>
<td>MTH 251 Calculus III</td>
</tr>
</tbody>
</table>

GENERAL OPTION
MAT 274 Elem Diff Equations [N1] MTH 274 Elem Differential Equa

PURE OPTION
CSE 200 Concepts of Computer Science [N3] No YC equivalent
MAT 274 Elem Diff Equations [N1] MTH 274 Elem Differential Equa

APPLIED OPTION
CSE 100 Principles of Programming [N3] CSA 165 Programming in C++
CSE 200 Concepts of Computer Science [N3]* No YC equivalent
and
CSE 210 Data Structures & Algorithms I [N3]*
*The CSE 200-210 sequence is recommended.
MAT 274 Elem Diff Equations [N1] MTH 274 Elem Differential Equa

PHY 121 Univ Physics I:Mech [S1/S2] & PHY 155 Engineer Physics I ** &
PHY 122 Univ Physics Lab I [S1/S2] & PHY 251 Engineer Physics II **
PHY 131 Univ Physics II:Elect and Magnetism [S1/S2] &
PHY 132 Univ Physics Lab II [S1/S2] &
** The YC sequence [PHY 155, PHY 251] will be accepted, for transfer purposes, as equivalent to the ASU sequence [PHY 121, PHY 122, PHY 131, PHY 132].

COMPUTATIONAL OPTION
CSE 200 Concepts of Computer Science [N3] No YC equivalent
and
CSE 210 Data Structures & Algorithms I [N3]* No YC equivalent
MAT 274 Elem Diff Equations [N1] MTH 274 Elem Differential Equa

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

<table>
<thead>
<tr>
<th>ASU Course</th>
<th>YC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSE 100 Principles of Computing [N3]</td>
<td>CSA 165 Programming in C++</td>
</tr>
<tr>
<td>CSE 183 Applied Prob Solving with Fortran [N3]</td>
<td>No YC equivalent</td>
</tr>
<tr>
<td>MAT 270 Cal/Analytic Geo I [N1]</td>
<td>MTH 151 Calc &amp; Analytic Geom I</td>
</tr>
<tr>
<td>MAT 271 Cal/Analytic Geo II [N1]</td>
<td>MTH 152 Calc &amp; Analytic Geom II</td>
</tr>
<tr>
<td>MAT 272 Cal/Analytic Geo III [N1]</td>
<td>MTH 251 Calculus III</td>
</tr>
<tr>
<td>MAT 274 Elem Diff Equations [N1]</td>
<td>MTH 274 Elem Differential Equa</td>
</tr>
</tbody>
</table>
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.