



Arizona State University

ASU Main Campus

1998-99 TRANSFER GUIDE

FOR EASTERN ARIZONA 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

EAC

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

ENG 101 & 102 Written Communications
No EAC equivalent
No EAC equivalent

GENERAL STUDIES REQUIREMENTS/COLLEGE DISTRIBUTION REQUIREMENTS¹

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 PSY are recommended), 9 HU credits (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 (except those that transfer as ERS 346), 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.



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EAC

MAJOR REQUIREMENTS (for BS only)

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

CSE 100	Principles of Programming [N3]	CMP 104	Intro Comp Science I
		or	
		CMP 130	C Programming I
or			
CSE 183	Applied Prob Solving with Fortran [N3]	CMP 210	Fortran
		or	
		EGR 210	Computer Programming
MAT 270	Cal/Analytic Geo I [N1] &	MAT 220	Calculus I
MAT 271	Cal/Analytic Geo II [N1] &	MAT 230	Calculus II
		or	
		MAT 231	Calculus &
MAT 272	Cal/Analytic Geo III [N1] &	MAT 240	Calculus III
		or	
		MAT 241	Calculus and Diff Equations
		or	
		MAT 245	Calculus and Diff Equations
		and	
MAT 274	Elem Diff Equations [N1]	MAT 260	Differential Equations
		or	
		MAT 241	Calculus and Diff Equations
		or	
		MAT 245	Calculus and Diff Equations

APPLIED OPTION

CSE 100	Principles of Programming [N3]	CMP 104	Intro Comp Science I
or		or	
		CMP 130	C Programming I
CSE 200	Concepts of Computer Science [N3]*		No EAC equivalent
and			
CSE 210	Data Structures & Algorithms I [N3]*		No EAC equivalent
	* The CSE 200-210 sequence is recommended.		
MAT 272	Cal/Analytic Geo III [N1] &	MAT 240	Calculus III
		or	
		MAT 241	Calculus and Diff Equations
		or	
		MAT 245	Calculus and Diff Equations
		and	
MAT 274	Elem Diff Equations [N1]	MAT 260	Diff Equations
		or	
		MAT 241	Calculus and Diff Equations
		or	
		MAT 245	Calculus and Diff Equations
PHY 121	Univ Physics I:Mech [S1/S2] &	PHY 211	Physics with Calculus &
PHY 122	Univ Physics Lab I [S1/S2] &	PHY 212	Physics with Calculus
PHY 131	Univ Physics II:Elec and Magnetism [S1/S2] &		
PHY 132	Univ Physics Lab II [S1/S2]		

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COMPUTATIONAL OPTION

CSE 200	Concepts of Computer Science [N3]	No EAC equivalent
and		
CSE 210	Data Structures & Algorithms I [N3]	No EAC equivalent
MAT 272	Cal/Analytic Geo III [N1] &	MAT 240 Calculus III or MAT 241 Calculus and Diff Equations or MAT 245 Calculus and Diff Equations and MAT 260 Diff Equations or MAT 241 Calculus and Diff Equations or MAT 245 Calculus and Diff Equations
MAT 274	Elem Diff Equations [N1]	

GENERAL OPTION

MAT 272	Cal/Analytic Geo III [N1] &	MAT 240 Calculus III or MAT 241 Calculus and Diff Equations or MAT 245 Calculus and Diff Equations and MAT 260 Diff Equations or MAT 241 Calculus and Diff Equations or MAT 245 Calculus and Diff Equations
MAT 274	Elem Diff Equations [N1]	

PURE OPTION

CSE 200	Concepts of Computer Science [N3]	No EAC equivalent
MAT 272	Cal/Analytic Geo III [N1] &	MAT 240 Calculus III or MAT 241 Calculus and Diff Equations or MAT 245 Calculus and Diff Equations and MAT 260 Diff Equations or MAT 241 Calculus and Diff Equations or MAT 245 Calculus and Diff Equations
MAT 274	Elem Diff Equations [N1]	

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or		or	
CSE 183	Applied Prob Solving with Fortran [N3]	CMP 130	C Programming I
		CMP 210	Fortran
		or	
		EGR 210	Computer Programming
MAT 270	Cal/Analytic Geo I [N1] &	MAT 220	Calculus I
MAT 271	Cal/Analytic Geo II [N1] &	MAT 230	Calculus II
		or	
MAT 272	Cal/Analytic Geo III [N1] &	MAT 231	Calculus &
		MAT 240	Calculus III
		or	
		MAT 241	Calculus and Diff Equations
		or	
		MAT 245	Calculus and Diff Equations
		and	
MAT 274	Elem Diff Equations [N1]	MAT 260	Differential Equations
		or	
		MAT 241	Calculus and Diff Equations
		or	
		MAT 245	Calculus and Diff Equations

 Approved by Dr. Eric J. Kostelich Date
 Associate Chair for Undergraduate Programs

 Dr. Leonard Gordon Date
 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.