



Arizona State University

ASU Main Campus 1998-1999 TRANSFER GUIDE FOR EASTERN ARIZONA COLLEGE **Bachelor of Science** Chemistry Biochemistry Emphasis

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

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.

EAC

FIRST YEAR COMPOSITION (3-6)

ENG 101 & 102 First-Year Comp

ENG 101 & 102 Written Communications

or

ENG 105 Adv First-Year Comp

No EAC equivalent

or

ENG 107 & 108 Eng Foreign Students

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), 3 N2 or N3 credits (those that transfer as CSE, PSY or STP 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 (except those that transfer as ERS 346), 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.



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Bachelor of Science (page 2 of 2)
Chemistry/Biochemistry Emphasis

ASU

EAC

MAJOR REQUIREMENTS

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

BIO 181 General Biology [S1/S2] &
 BIO 182 General Biology [S2]
 CHM 113 General Chemistry [S1/S2]
 CHM 116 General Chemistry [S1/S2]

BIO 181 Gen Biology I(Majors)
 BIO 182 Gen Biology II(Majors)
 CHM 151 General Chemistry I
 CHM 152 General Chemistry II

CHM 325 Analytical Chemistry
 CHM 331 General Organic Chem &
 CHM 335 Gen Organic Chem Lab
 CHM 332 General Organic Chem &
 CHM 336 Gen Organic Chem Lab

No EAC equivalent
 CHM 235 General Organic Chemistry I
 CHM 236 General Organic Chemistry II

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

MAT 220 Calculus I
 MAT 230 Calculus II

MAT 272 Cal/Analytic Geo III [N1] &
 MAT 274 Elem Diff Equations [N1]

or
 MAT 231 Calculus &
 MAT 240 Calculus III &
 MAT 260 Differential Equations
 or
 MAT 241 Calculus and Diff Equations
 or
 MAT 245 Calculus and Diff Equations

or
 MAT 290 Calculus I [N1] &
 MAT 291 Calculus II

No EAC equivalent
 No EAC equivalent

PHY 121 Univ Physics I:Mech [S1/S2] &
 PHY 122 Univ Physics Lab I [S1/S2] &
 PHY 131 Univ Physics II:Elec and Magnetism
 [S1/S2] &
 PHY 132 Univ Physics Lab II [S1/S2]

PHY 211 Physics with Calculus * &
 PHY 212 Physics with Calculus *
 * The EAC sequence [PHY 211, PHY 212] will be accepted, for transfer purposes, as equivalent to the ASU sequence [PHY 121, PHY 122, PHY 131, PHY 132].

Comment: Chemistry majors should be advised to take ASU's PHY 241.

RECOMMENDED COURSES

CSE 183 Applied Prob Solving with Fortran [N3]

CMP 210 Fortran
 or
 EGR 210 Computer Programming

 Approved by Dr. Theodore Brown Date
 Associate Department Chair

 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.