Arizona State University

ASU Main Campus

1999-2000 TRANSFER GUIDE

FOR COCHISE COLLEGE

Bachelor of Science in Engineering

Civil Engineering

Environmental Engineering Option

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.

Civil Engineers are concerned with the impact of their project on the public and the environment, and they attempt to coordinate the needs of society with technical and economic feasibility.

For further information, call or write:

(480) 965-3589
Department of Civil and Environmental Engineering
College of Engineering and Applied Sciences
Arizona State University
Tempe, Arizona 85287-5306

SCHOOL OF ENGINEERING ADMISSION CRITERIA

1. A minimum of 2.50 cumulative GPA is required from community college transfer students.
2. Students whose native language is not English must also submit a TOEFL score of 550 points in addition to meeting the minimum GPA requirements.
3. Transfer students are encouraged to have completed science and math courses applicable to the engineering degree.
4. A preprofessional category of admission is available for applicants deficient in School of Engineering admission requirements.
5. Students admitted to the preprofessional program are restricted to taking lower-division courses. After completing a minimum of 30 semester hours of required or approved elective courses with a cumulative minimum GPA of 2.50, one may apply for admission to the professional program. The cumulative GPA is calculated using all credits from ASU and from all other colleges and universities attended.

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 transferable 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.

FIRST YEAR COMPOSITION (3-6)

ASU

ENG 101 & 102  First-Year Comp
or
ENG 105 Adv First-Year Comp
or
ENG 107 & ENG 108 Eng Foreign Students

CC

ENG 101 & ENG 102 English Comp III & IV
No CC equivalent

or

ENG 107 & ENG 108 English Comp III & IV (ESL)

GENERAL STUDIES REQUIREMENTS

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.

Students in an engineering program must complete 16 hours of Humanities [HU] and Social/Behavioral Sciences [SB] courses. One course must be taken at ASU, as it must be upper division. In your selection of HU and SB credits, two courses must be from the same department (or have the same prefix). Select credits from CEG General Studies Insert as follows: 6 or 7 HU credits, 6 or 7 SB credits (which must include those that transfer as ECN 111 or ECN 112), 3 C credits, 3 G credits, and 3 H credits. It is beneficial for students to select HU or SB courses that concurrently satisfy C, G or H requirements. Additional and/or mandated General Studies requirements, if any, are listed in the Major Requirements section below with designation in brackets, e.g. [N3].
MAJOR REQUIREMENTS

ASU
CHM 114  General Chemistry for Engineers [S1/S2] or
CHM 113  General Chemistry [S1/S2]
and
CHM 116  General Chemistry [S1/S2]
CHM 231  Elem Org Chemistry
or
CHM 113  General Chemistry [S1/S2] CHM 151  General Chemistry I
and
CHM 116  General Chemistry [S1/S2] CHM 152  General Chemistry II
CHM 140  Fund Organic & Bio Chem* CHM 140 transfers to ASU as CHM 231 [S1/S2] &
CHM 235 [S1/S2].
CHM 231  Elem Org Chemistry CHM 140  Fund Organic & Bio Chem
* CHM 140 transfers to ASU as CHM 231 [S1/S2] &
CHM 235 [S1/S2].
ECN 111  Macroeconomic Principles [SB] or
ECN 112  Microeconomic Principles [SB] ECN 201  Principles Macroeconomics
MAT 270  Cal/Analytic Geo I [N1] MAT 220  Calculus I
MAT 271  Cal/Analytic Geo II [N1] MAT 231  Calculus II
MAT 272  Cal/Analytic Geo III [N1] MAT 241  Calculus III
MAT 274  Elem Diff Equations [N1] MAT 262  Differential Equations
MIC 205  Microbiology [S2] &
MIC 206  Microbiology Lab [S2] BIO 205  Microbiology
PHY 121  Univ Physics I: Mech [S1/S2] & PHY 230  Physics with Calculus I &
PHY 122  Univ Physics Lab I [S1/S2] & PHY 231  Physics with Calculus II
PHY 131  Univ Physics II: Elec & Magnts [S1/S2] & PHY 132  Univ Physics Lab II [S1/S2]
ECE 100  Intro Engrg Design [N3] No CC equivalent

Approved by Marilyn L. Hart Date
Coordinator, Academic Administration

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. A course may satisfy two awareness areas concurrently.
2. When selecting HU or SB core courses, students must keep in mind that A. two courses from the same department must be taken in either core area; B. courses from at least two departments must be taken. These two conditions may, but need not be satisfied in the same core area. At least one course within the 16 semester hours **must** be an upper-division course taken only at ASU.