

Arizona State University

ASU Main Campus

FALL 2000 TRANSFER GUIDE

FOR EASTERN ARIZONA COLLEGE

Bachelor of Science

Physics/Options 1 and 2

Students applying for admission with transferable hours must meet transfer GPA, freshman aptitude, and competency requirements www.asu.edu/admissions/applyingtoasu. Students transferring 24 or more semester hours do not have to meet freshman aptitude requirements. Students who are 22 years of age or older or have completed an Arizona General Education Curriculum (AGEC) or any associate degree or higher do not have to meet competency requirements. A maximum of 64 transferable semester hours completed at a regionally accredited two-year institution may be transferred to ASU. 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) 965-3561

Department of Physics

Arizona State University

Tempe, Arizona 85287-1504

COLLEGE OF LIBERAL ARTS AND SCIENCES (CLAS) ADMISSION CRITERIA

1. General University requirements satisfy the admission requirements of this program.
2. Calculus (MAT 270) is a prerequisite of the first course within the physical core.

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.

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

EAC

ENG 101 & 102 Written Communications

No EAC equivalent

No EAC equivalent

GENERAL STUDIES REQUIREMENTS¹

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 The ASU General Studies Guides (http://www.asu.edu/provost/articulation/eac_main.html#gsr) as follows: 3 [CS] credits, 3 [L] credits, 3 [MA] credits, 6 [HU] credits, 6 [SB] credits, 8 [SQ] OR 4 [SQ] + 4 [SG] credits, 3 [C] credits, 3 [G] credits, and 3 [H] credits.

COLLEGE OF LIBERAL ARTS AND SCIENCES GRADUATION REQUIREMENTS¹

<http://www.asu.edu/provost/articulation/chksheets/00-01/00CKCLAS.HTML/00clas-gradreqfortgs.pdf>

CLAS requires knowledge of a second language equivalent to the completion of two years study at the college level. Students who choose to complete their CLAS second language graduation requirement in Greek, Latin, Portuguese, or Romanian must take both the 201 and 202 classes in order for this requirement to be met.

In addition to the language requirement, students may also take one lower division Social/Behavioral Science or Humanities from those that transfer as AFH, AFS, ASB, CSH, CSS, ENG (literature only), ECN, GCU, HIS, HUM, PGS, PHI/HPS, POS, REL, SOC, WSH, or WST. This course is separate from those taken for the university general studies and may not be used to meet both requirements.

Students may also choose to take 6 credits to meet the CLAS Natural Science/Mathematics requirement. This requirement is separate from the SQ and SG requirement of the university general studies and may not be used to meet the university requirement. Students may select 2 courses from those that transfer as ASM, BIO, CHM, BCH, CSE, GPH, GLG, MAT (above the college algebra level), STP, MIC, MBB, PHY, AST, PHS, PLB, MBB, PSY 230 or PSY 290.

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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.

ASU

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

PHY 121 Univ Physics I:Mech [SQ]* &
PHY 122 Univ Physics Lab I [SQ] * &
PHY 131 Univ Physics II:Elec & Magntsm [SQ]* &
PHY 132 Univ Physics Lab II [SQ] *

* Either the ASU sequence [PHY 121, 122, 131, 132]OR the sequence [PHY 150, 151] fulfills the requirement for the ASU physics major.

EAC

MAT 220 Calculus I
MAT 230 Calculus II
MAT 240 Calculus III

PHY 211 Physics with Calculus &
PHY 212 Physics with Calculus

Approved by Dr. Howard Voss
Department Chair

Date

Approved by Dr. Leonard Gordon
Associate Dean for Academic Programs
College of Liberal Arts and Sciences

Date

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.