Arizona State University
ASU Main Campus
FALL 2000
TRANSFER GUIDE
FOR NORTHLAND PIONEER COLLEGE
Bachelor of Science
Chemistry

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) 965-3461
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.

Transfer value of a course, including General Studies value, is governed by the Course Applicability System (CAS) 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 should not be repeated but will not count toward the required number of upper division credit hours.

FIRST YEAR COMPOSITION (3-6)

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<th>ASU</th>
<th>NPC</th>
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<tr>
<td>ENG 101 &amp; 102 First-Year Comp</td>
<td>ENL 101 &amp; 102 College Composition I &amp; II</td>
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<tr>
<td>or</td>
<td>No NPC equivalent</td>
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<tr>
<td>ENG 105 Adv First-Year Comp</td>
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<td>ENG 107 &amp; ENG 108 Eng Foreign Students</td>
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GENERAL STUDIES REQUIREMENTS/COLLEGE DISTRIBUTION 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.


COLLEGE OF LIBERAL ARTS AND SCIENCES GRADUATION REQUIREMENTS
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.
MAJOR REQUIREMENTS
While still a student at NPC, contact the department academic advisor. Only those required courses which have NPC course equivalents are listed below.

**ASU**
- CHM 113 General Chemistry [SQ]
- CHM 115 General Chemistry with Qual Analysis [SQ]
- CHM 331 General Organic Chem &
- CHM 335 Gen Organic Chem Lab
- CHM 332 Gen Organic Chem &
- CHM 336 Gen Organic Chem Lab

**NPC**
- CHM 151 General Chemistry I
- No NPC equivalent
- CHM 235 Organic Chemistry
- CHM 236 Organic Chemistry II

**ASU**
- MAT 270 Cal/Analytic Geo I [MA] &
- MAT 271 Cal/Analytic Geo II [MA] &
- MAT 272 Cal/Analytic Geo III [MA]

**NPC**
- MAT 221 Calc & Analyt Geometry I
- MAT 231 Calc & Analyt Geometry II
- MAT 241 Calc & Analyt Geometry III

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

Approved by Dr. Seth Rose  
Associate Department Chair

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

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.