Arizona State University

ASU Main Campus

1999-2000 TRANSFER GUIDE

FOR CENTRAL ARIZONA COLLEGE

Bachelor of Science

Plant Biology

Concentrations in: Plant Biochemistry & Molecular Biology, Environmental Sciences & Ecology, and Urban Horticulture

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:
(480) 965-3414
Undergraduate Advisor
Department of Plant Biology
Arizona State University
Tempe, Arizona 85287-1601

COLLEGE OF LIBERAL ARTS AND SCIENCES (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 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 should 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

CAC

ENG 101 & ENG 102 English Comp III & IV

No CAC equivalent

No CAC equivalent

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

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.

Select credits from CEG General Studies Insert as follows: 3 L1 credits (except those that transfer as COM or “E”), 9 HU credits (maximum 6 hours from ARS, MUS, THE); 9 SB credits (except those that transfer as ASM, COM, JUS, MCO and REC), 3 C credits (except those that transfer as JUS), 3 G credits (except those that transfer as ERS), 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 current 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.
ASU 1999-2000 Transfer Guide for Central Arizona College  
Bachelor of Science (page 2 of 3)  
Plant Biology/Concentrations in: Plant Biochemistry & Molecular Biology, Environmental Sciences & Ecology, and Urban Horticulture

**MAJOR REQUIREMENTS**
While still a student at CAC, contact the department academic advisor. Only those required courses which have CAC course equivalents are listed below.  
*Note: It is recommended that majors take upper-division PLB & ERS courses at ASU.*

<table>
<thead>
<tr>
<th><strong>ASU</strong></th>
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</table>
| **CORE COURSES** | **BIO 181  Gen Biology (Majors) I**  
BIO 182  Gen Biology (Majors) II |
| MAT 210  Brief Calculus [N1] | **BIO 181  Gen Biology (Majors) I**  
BIO 182  Gen Biology (Majors) II |
| **REQUIRED SUPPLEMENTARY COURSES** | **MAT 211  Brief Calculus Standard**  
or  
MAT 212  Brief Calculus |
| **Urban Horticulture Concentration** | **CHM 101  Intro Chemistry [S1/S2]**  
CHM 231  Elementary Organic Chem [S1/S2] &  
CHM 235  Elementary Organic Chem Lab [S1/S2]  
ERS 225  Soils &  
ERS 226  Soils Laboratory** |
| **Plant Biochemistry & Molecular Biology Concentration** | **CHM 100  Fund Chemistry**  
CHM 113  General Chemistry [S1/S2]  
CHM 115  Gen Chemistry with Qualit Analysis [S1/S2]  
CHM 231  Elementary Organic Chem [S1/S2] &  
CHM 235  Elementary Organic Chem Lab [S1/S2]  
PHY 121  University Physics I: Mechanics [S1/S2] &  
PHY 122  University Physics Lab I [S1/S2]** |

| **COURSES** | **CHM 100  Fund Organic Chem**  
CHM 200  Fund Organic Chem** |

| **RECOMMENDED** | **CHM 101  General Chemistry I**  
CHM 201  General Chemistry I** |

| **No CAC equivalent** | **CHM 200  Fund Organic Chem**  
CHM 201  General Chemistry I** |

| **No CAC equivalent** | **PHY 261  University Physics I: Mechanics** |

| **No CAC equivalent** | **PHY 261  University Physics I: Mechanics** |
ASU 1999-2000 Transfer Guide for Central Arizona College
Bachelor of Science (page 3 of 3)
Plant Biology/Concentrations in: Plant Biochemistry & Molecular Biology, Environmental Sciences & Ecology, and Urban Horticulture
REQUIRED SUPPLEMENTARY COURSES (cont’d)

ASU
Environmental Sciences & Ecology Concentration
CHM 113 General Chemistry [S1/S2]
CHM 115 Gen Chemistry with Qualit Analysis [S1/S2]
CHM 231 Elementary Organic Chem[S1/S2] &
CHM 235 Elementary Organic Chem Lab [S1/S2]

Take either this sequence:
GLG 101 Introduction to Geology I [S1/S2] &
GLG 103 Introduction to Geology I Lab [S1/S2]
or
GLG 110 Environmental Geology [S2] &
GLG 111 Environmental Geology Lab [S2]

CAC
CHM 101 General Chemistry I
No CAC equivalent
CHM 200 Fund Organic Chem

Environmental Sciences & Ecology Concentration

CHM 115 Gen Chemistry with Qualit Analysis [S1/S2]
CHM 231 Elementary Organic Chem[S1/S2] &
CHM 235 Elementary Organic Chem Lab [S1/S2]

Take either this sequence:
GLG 101 Introduction to Geology I [S1/S2] &
GLG 103 Introduction to Geology I Lab [S1/S2]
or
GLG 110 Environmental Geology [S2] &
GLG 111 Environmental Geology Lab [S2]

or

CHM 101 General Chemistry I
No CAC equivalent
CHM 200 Fund Organic Chem

MINOR REQUIREMENTS (Only those required courses which have CAC course equivalents are listed.)

BIO 181 General Biology [S1/S2]
BIO 182 General Biology [S2]

Approved by Dr. J. Kenneth Hoober
Department Chair

Date

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.
Arizona State University
ASU Main Campus
1999-2000 TRANSFER GUIDE
FOR CENTRAL ARIZONA COLLEGE
Bachelor of Science
Molecular Biosciences/Biotechnology

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FIRST YEAR COMPOSITION (3-6)

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or
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or
ENG 107 & ENG 108 Eng Foreign Students

**CAC**
ENG 101 & 102 Freshman Composition
No CAC equivalent
ENG 107 & ENG 108 English Comp III & IV (ESL)

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MAJOR REQUIREMENTS
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**CORE COURSES**

**REQUIRED SUPPLEMENTARY COURSES**

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<td><strong>CHM 113</strong></td>
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