**BIOLOGY – Ecology, Evolutionary, & Organismal Biology Option**

CSU, FRESNO LOWER DIVISION†  TRANSFER MAJOR PREPARATION

2009-10 CATALOG

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### CAREER OPPORTUNITIES IN BIOLOGY – ECOLOGY, EVOLUTIONARY & ORGANISMAL BIOLOGY OPTION

- Field Ecologist
- Evolutionary Biologist
- Entomologist
- Wildlife Biologist

Some career options may require more than a bachelor’s degree. For more career options, visit the FCC Career Center located in the Student Services Building in the Counseling Center.

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Students can meet with a counselor to run an unofficial degree audit for this transfer major using E.CSFRESNO.BIO.E.E

**ASSOCIATE DEGREE REQUIREMENTS**

For an Associate in Arts degree with a Liberal Arts major you must complete a minimum of 60 semester units with a 2.0 GPA or higher including:

- CSU General Education Pattern
- HLTH 1, CHDEV/PSY 38, PSY 2/2H, or PSY 33
- Two PE/Dance courses (see catalog for exclusions)
- Computer Literacy: pass an approved course or the exam (see catalog)

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### FCC COMPARABLE COURSES:

<table>
<thead>
<tr>
<th>FCC Course</th>
<th>CSUF GE Area</th>
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<tbody>
<tr>
<td>BIOL 1/1H, Principles of Biology</td>
<td>CSUF GE Area B2</td>
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<tr>
<td>BIOL 4, Principles of Zoology AND BIOL 6, Principles of Botany</td>
<td>CSUF GE Area B2</td>
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### ADDITIONAL MAJOR REQUIREMENTS:

<table>
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<tr>
<th>CSUF Course</th>
<th>FCC Equivalent</th>
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<tbody>
<tr>
<td>CHEM 1A, Introductory General Chemistry OR CHEM 1A, General Chemistry</td>
<td>*CHEM 1A, Intro Gen Chem (CSUF GE Area B1) OR CHEM 1A, General Chem 1A (CSUF GE Area B1)</td>
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<tr>
<td>MATH 5A, Mathematical Analysis I OR No Comparable Course</td>
<td>MATH 75, Calculus I (CSUF GE Area B4) OR MATH 70, Calculus for Life Sciences</td>
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<tr>
<td>PSY/MATH 42, Statistics for the Behavioral Sci</td>
<td>+PSYCH 42, Introductory Statistics</td>
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<tr>
<td>PHYS 2A, General Physics 1</td>
<td>PHYS 2A, General Physics</td>
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### NOTES:

1. The Bachelor of Science degree with an Ecology, Evolutionary & Organismal Biology Option in the Biology major at CSUF requires a minimum of 120 semester units of which a maximum of 70 semester units can be from the community colleges. Students may not elect CR/NC graded coursework to satisfy major, major G.E., or major additional requirements unless the course has been designated CR/NC only. If there are lower division requirements which FCC does not offer, they must be taken after transfer to CSUF. If there is a “break” in your attendance, you will be required to fulfill current CSUF catalog requirements. Consult the CSUF catalog for complete degree requirements. Contact your counselor if you have questions.

2. This option is intended for students who wish to study organisms, their evolutionary change, and their relationships with their environments. Students may obtain an emphasis in marine science by selecting electives offered at the Moss Landing Marine Laboratories.

3. "Students planning to enter professional and graduate programs should take CHEM 1A and 128A-B, rather than CHEM 3A and 8, and should consult an adviser upon transferring about additional mathematics requirements as well. FCC's CHEM 28A & 29A and CHEM 28B & 29B are articulated with CHEM 128AB and 129AB. CHEM 28AB and 29AB will meet subject matter requirements only; not upper division unit credit.

4. See "Natural Sciences (Teacher Preparation – Single Subject Waiver Program)" major sheet for secondary teaching.

5. +See the CSUF catalog for additional selections.

6. The Biology major at CSUF is being revised for 2010-2011. It is highly recommended that students complete the CHEM 1A and 1B sequence instead of CHEM 3A.

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### CSU FRESNO ADMISSION REQUIREMENTS

The California State University requires a total of 60 transferable units for admission, including at least 30 units of general education requirements. All of General Education Area A & B4 must be completed for a letter grade; C or higher for transfer. Students must obtain the CSU General Education requirement sheet so that they can plan their transfer program (both major and GE requirements) at FCC appropriately. A request for certification should be made when requesting final transcripts upon transfer.

See a counselor regularly for assistance as you plan to meet transfer requirements.

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The material in this publication has been prepared as carefully as possible. Fresno City College does not assume responsibility for inaccuracies or changes in the information contained herein after the date of publication.

Counselor: _______________ Date: _______________

CSUF/BIOLOGY E&E&O OPTION (06-17-09) RS/klr

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