2014-2015 Catalog Year - MAPP
Biological Sciences (Conservation Biology & Ecology) BS

**ASU Major**

Biological Sciences (Conservation Biology and Ecology), BS - [College of Liberal Arts and Sciences]

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Science degree and AGEC-S, meets major map requirements at ASU, and guarantees admission to the Biological Sciences (Conservation Biology & Ecology) B.S. degree program. Special Requirements: 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of “C” or better.

**Maricopa Community College District Course Requirements**

<table>
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<tr>
<th>Required Courses</th>
<th>Pathway</th>
<th>AGEC-S</th>
<th>Program</th>
<th>ASU</th>
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<th>Min.</th>
<th>Grade</th>
<th>Notes</th>
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<td><strong>First Year Composition</strong></td>
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<td>ENG 101: First-Year Composition</td>
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<td>ENG 1102 OR ENG 108: First-Year Composition for ESL</td>
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<td><strong>Literacy and Critical Inquiry</strong></td>
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<td>Lower Division</td>
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<td>Literacy and Critical Inquiry (L): Recommend selecting a course that satisfies L and SB OR L and HU OR L and COM or L and</td>
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CRE 101 requirements simultaneously.

Mathematical Studies
MAT 221: Calculus With Analytic Geometry 4 C
MAT 2220

Humanities and Fine Arts
Lower Division 6 C
Humanities and Fine Arts

Social-Behavioral Science
Lower Division 6 C
Social and Behavioral Science

Natural Science
BIO 181: General Biology (Majors) I 4 C
BIO 1181
BIO 182: General Biology (Majors) II 4 C
BIO 1182

Subject Options
CHM 151: General Chemistry I 4 C
CHM 1151 OR
CHM 151LL: General Laboratory I 4 C
CHM 1151 OR
CHM 150AA: General Chemistry I 4 C
CHM 1151 OR
CHM 151AA: General Chemistry II 4 C
CHM 1151
CHM 152: General Chemistry II 4 C
CHM 1152 AND

Pre-Health students should choose two-semester options for chemistry and physics courses.
CHM 152LL:
General Chemistry II Laboratory
(ORE) CHM 1152
OR
CHM 152AA:
General Chemistry II
(ORE) CHM 1152

AGEC Awareness Areas

Lower Division 0-3 C
Cultural Diversity in the US [C]

Lower Division 0-3 C
Historical or Global [H] or [G]

MCCCD Additional Requirements

COM 100: 0-3 C
Introduction to Human Communication
(ORE) COM 1100
OR
COM 110: Interpersonal Communication
OR
COM 225: Public Speaking OR
COM 230: Small Group Communication

CRE 101: College Critical Reading 0-3 C
Complete CRE 101 or equivalent.

Additional Lower Division Requirements

MAT 206: 3 C
Elements Of Statistics (ORE)
MAT 1160

CHM 230: 4-8 C
Fundamental Organic Chemistry
(ORE) CHM 2230
AND
CHM 230LL:
Fundamental
Organic Chemistry Laboratory  
CHM 2230 OR CHM 235: General Organic Chemistry I  
CHM 2235 AND CHM 235LL: General Organic Chemistry I Laboratory  
CHM 2235 AND CHM 236: General Organic Chemistry IIA  
CHM 2236 AND CHM 236LL: General Organic Chemistry IIA Laboratory  

GPH 111: 4 C  
Introduction to Physical Geography OR GPH 112: Introduction to Physical Geography AND GPH 113: Introduction to Physical Geography Laboratory OR GLG 101: Introduction to Geology I - Physical Lecture  
GLG 1101 AND GLG 103: Introduction to Physical Geology I - Physical Laboratory  
GLG 1101 OR PHY 101: Introduction to Physics OR PHY 112: General
ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits