2014-2015 Catalog Year - MAPP
Biochemistry BA

ASU Major

Biochemistry, BA - [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 Biochemistry B.A. 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>
<thead>
<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 1101 OR ENG 107: First-Year Composition for ESL</td>
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<td>ENG 102: 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 Literacy and Critical Inquiry</td>
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<td>Recommend selecting a course which satisfies L (Literacy and Critical Inquiry) and SB (Social &amp; Behavioral Sciences) OR L and HU (Humanities and Fine Arts) OR L and COM OR L</td>
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</tbody>
</table>
and CRE 101 requirements simultaneously.

Mathematical Studies
MAT 221: 4  C
Calculus with Analytic Geometry I
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
CHM 151: 4-5  C
General Chemistry I
AND CHM 151LL:
General Chemistry I Laboratory
CHM 1151 OR
CHM 151AA:
General Chemistry I
CHM 1151 OR
CHM 150AA:
General Chemistry I
CHM 1151

CHM 152: 4  C
General Chemistry II
AND CHM 152LL:
General Chemistry II Laboratory
CHM 1152

Subject Options
BIO 181: General Biology (Majors) I
BIO 1181
BIO 182: General Biology (Majors)
II BIO 1182

General Education 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: Introduction to Human Communication

OR
COM 110: Interpersonal Communication
OR
COM 225: Public Speaking OR
COM 230: Small Group Communication

CRE 101: College Critical Reading

Complete CRE 101 or equivalent

Additional Lower Division Requirements
PHY 101: Introduction to Physics
PHY 101AA: Introduction To Physics OR
PHY 111: General Physics I
PHY 1112 AND
PHY 112: General Physics II

Students who are interested in medical school, must take ASU PHY 111 and PHY 113 instead of PHY 101. Students must also take ASU PHY 112 and PHY 114.

PHY 111: General Physics I
PHY 1111

PHY 112: General Physics II

PHY 1112
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](https://transfer.asu.edu/credits)