**2015-2016 Catalog Year - MAPP**

**Applied Biological Sciences (Applied Biological Sciences) BS**

**ASU Major**

*Applied Biological Sciences (Applied Biological Sciences), BS - [College of Integrative Sciences and Arts]*

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Applied Biological Sciences (Applied Biological Sciences) 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. 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

**Maricopa Community College District Course Requirements**

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Pathway</th>
<th>AGEC-A</th>
<th>Program</th>
<th>ASU</th>
<th>ASU</th>
<th>Min. Grade</th>
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<tr>
<td><strong>First Year Composition</strong></td>
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<tr>
<td>ENG 101: First-Year Composition</td>
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<td>ENG 1101</td>
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<td>ENG 107: First-Year Composition for ESL</td>
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<tr>
<td>ENG 1102</td>
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<td><strong>Literacy and Critical Inquiry</strong></td>
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<tr>
<td>MAT 212: Brief Calculus OR</td>
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<td>MAT 213: Brief Calculus</td>
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<td><strong>Lower Division Computer/Statistics/Quantitative Applications</strong></td>
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<td>Humanities, Arts, and Design</td>
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<tr>
<td>Social-Behavioral Science</td>
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<td>AGEC Awareness Areas</td>
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<td>Additional Lower Division</td>
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</tbody>
</table>

**Humanities, Arts, and Design**

- Lower Division Humanities, Arts, and Design

**Social-Behavioral Science**

- Lower Division Social-Behavioral Science

**Natural Science**

- BIO 181: General Biology
  - (Majors) I
  - SUNY BIO 1181
- BIO 182: General Biology
  - (Majors) II
  - SUNY BIO 1182

**AGEC Awareness Areas**

- Lower Division Cultural Diversity in the US
- Lower Division Historical or Global

**Additional Lower Division**

- COM 100: Introduction to Human Communication
  - SUNY
- COM 1100 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**

- BIO 201: Human Anatomy and Physiology I
  - SUNY BIO 2201
  - OR
- BIO 202: Human Anatomy and Physiology II
  - SUNY BIO 2202
  - OR
- BIO 205: Microbiology
  - SUNY BIO 2205

- CHM 150: General Chemistry I
  - SUNY CHM 1151 AND
  - CHM 151LL: General
  - 4-5 | C
Chemistry I Laboratory
CHM 1151 OR
CHM 151: General Chemistry I
CHM 1151 AND
CHM 151LL: General Chemistry I Laboratory
CHM 1151 OR
CHM 150AA: General Chemistry I
CHM 1151 OR
CHM 151AA: General Chemistry I
CHM 1151 AND
CHM 152: General Chemistry II
CHM 1152 AND
CHM 152LL: General Chemistry II Laboratory
CHM 1152
CHM 230: Fundamental Organic Chemistry
CHM 1152 AND
CHM 230LL: Fundamental Organic Chemistry Laboratory
CHM 1152 OR
CHM 235: General Organic Chemistry I
CHM 1152 AND
CHM 235LL: General Organic Chemistry I Laboratory
CHM 1152 AND
CHM 236: General Organic Chemistry IIA
CHM 1152 AND
CHM 236LL: General Organic Chemistry IIA Laboratory
CHM 1152
PHY 101: Introduction to Physics OR
PHY 111: General Physics I
PHY 1111 AND
PHY 112: General Physics II
PHY 1112
Lower Division Elective

Select either CHM 230/230LL or CHM 235/235LL & CHM 236/236LL sequence.

Lower Division Electives should be completed once all other requirements have been met and only
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