2013-2014 Catalog Year - MAPP
Computer Science BS, Computer Science (Information Assurance) BS, Computer Science (Software Engineering) BS

ASU Major

Computer Science (Software Engineering), BS - [Ira A. Fulton Schools of Engineering]
Computer Science, BS - [Ira A. Fulton Schools of Engineering]
Computer Science (Cybersecurity), BS - [Ira A. Fulton Schools of Engineering]

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 Computer Science B.S. degree program. Special Requirements: All courses must be completed with a grade of "C" or better. In addition to university requirements, the Fulton School of Engineering requires that students must complete the MAPP with a 3.0 cumulative transfer GPA. Note that Arizona State University calculates GPA's differently than the Maricopa Community College District, thus guaranteed admission to the Computer Science BS program is dependent upon calculation of the 3.0 cumulative transfer GPA. Also, MAPP students must have an associate degree in progress or a completed associate degree posted on their transcript when applying for admission or they will be held to regular admission procedures and will not receive MAPP benefits.

use 1100103017 Maricopa Community College Dist
Course Requirements

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Pathway</th>
<th>AGEC-S Program</th>
<th>ASU</th>
<th>ASU LD</th>
<th>Min. Grade</th>
<th>Notes</th>
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<td>Credits</td>
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<tr>
<td>First Year Composition</td>
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<td>ENG 101: First Year Composition</td>
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<td>ENG 1101</td>
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<td>ENG 102: First Year Composition</td>
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<td>ENG 1102 OR</td>
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Literacy & Critical Inquiry

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<tr>
<th>Lower Division</th>
<th>0-3</th>
<th>C</th>
<th>Recommend select a course</th>
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</thead>
</table>
Critical Inquiry which satisfies L (Literacy and Critical Inquiry) and SB (Social & Behavioral Sciences) OR L and HU (Humanities and Fine Arts) OR L and COM OR L and CRE 101 requirements simultaneously.

<table>
<thead>
<tr>
<th>Mathematical Studies</th>
<th>4</th>
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<tbody>
<tr>
<td>MAT 221: Calculus with Analytic Geometry I</td>
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<td>MAT 2220</td>
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<tr>
<th>Humanities and Fine Arts</th>
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<td>Humanities and Fine Arts</td>
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<table>
<thead>
<tr>
<th>Social and Behavioral Science</th>
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<tr>
<td>Lower Division Social and Behavioral Sciences</td>
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<tr>
<th>Natural Science</th>
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<tr>
<td>BIO 181: General Biology (Majors) I</td>
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<tr>
<td>BIO 1181 AND BIO 1182 OR CHM 151: General Chemistry I</td>
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<td>CHM 1151</td>
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AND
CHM 151LL:
General Chemistry
I Laboratory
CHM 1151 AND
CHM 152:
General Chemistry
II CHM
1152 AND
CHM 152LL:
General Chemistry
II Laboratory
CHM 1152
OR
PHY 121:
University Physics
I: Mechanics AND
PHY 131:
University Physics
II: Electricity and
Magnetism
PHY 1131

Subject Options
MAT 231:  4  C
Calculus with
Analytic
Geometry II
MAT 2230

MAT 241:  4  C
Calculus with
Analytic
Geometry III
MAT 2241

General Education - AGEC-S 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
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 227: Discrete Mathematical Structures
MAT 2227

CSC 110: Introduction to Computer Science (Java) OR
CSC 110AA: Introduction to Computer Science (Java)

CSC 120: Digital Design Fundamentals OR
EEE 120: Digital Design Fundamentals

CSC 205: Object Oriented Programming and Data Structures
CSC 2205 OR
CSC 205AA: Object Oriented Programming and Data Structures
CSC 2205

CSC 230: Computer Organization and Assembly Language OR
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