

2012-2013 Catalog Year - MAPP Computer Science BS

ASU Major

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

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCCDC Associate in Science degree and AGECS, 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 Co Cc Dist Course Requirements

Required Courses	Pathway	AGEC-S Program	ASU ASU	Min.	Notes
	Credits	Reqs	Trk LD	Grade	

First Year Composition

ENG 101: First Year Composition	3	•	•	C	
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 ENG 1101

OR

ENG 107: First Year Composition for ESL					
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ENG 102: First Year Composition	3	•	•	C	
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 ENG 1102

OR

ENG 108: First Year Composition for ESL					
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Literacy & Critical Inquiry

Lower Division	0-3	•		C	Literacy and
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Literacy and
Critical Inquiry

Critical Inquiry
- Recommend
selecting a
course 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.

Mathematical Studies

MAT 221: Calculus with Analytic Geometry I	4	■	■	C
 MAT 2220				



Humanities and Fine Arts

Humanities and Fine Arts	6	■		C	See note regarding Literacy and Critical Inquiry for 3 of the 6 required HU hours.
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Social and Behavioral Science

Lower Division Social and Behavioral Sciences	6	■		C	See note regarding Literacy and Critical Inquiry for 3 of the 6 required SB hours.
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Natural Science

BIO 181: General Biology (Majors) I  BIO 1181 AND BIO 182: General Biology (Majors) II  BIO 1182 OR CHM 151: General	8	■	■	C	Select the Biology, Chemistry, or Physics sequence. Fulfills the Lab Science requirement.
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Chemistry I
 SUN# CHM 1151
 AND
 CHM 151LL:
 General
 Chemistry I
 Laboratory SUN#
 CHM 1151 AND
 CHM 152:
 General
 Chemistry II
 SUN# CHM 1152
 AND
 CHM 152LL:
 General
 Chemistry II
 Laboratory SUN#
 CHM 1152 OR
 PHY 121:
 University
 Physics I:
 Mechanics AND
 PHY 131:
 University
 Physics II:
 Electricity and
 Magnetism SUN#
 PHY 1131

Subject Options

MAT 231: Calculus with Analytic Geometry II SUN# MAT 2230	4	■	■	C
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MAT 241: Calculus with Analytic Geometry III SUN# MAT 2241	4	■	■	C
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General Education - AGECS Awareness Areas

Lower Division Cultural Diversity in the US [C]	0-3	■		C
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Lower Division Historical or Global [H] or [G]	0-3	■		C
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MCCCD Additional Requirements

COM 100: Introduction to	0-3	■		C
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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.
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Additional Lower Division Requirements

MAT 227: Discrete Mathematical Structures  MAT 2227	3	•	C
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CSC 110: Introduction to Computer Science (Java) OR CSC 110AA: Introduction to Computer Science (Java)	3	•	C
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CSC 120: Digital Design Fundamentals OR EEE 120: Digital Design Fundamentals	4	•	C
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CSC 205: Object Oriented Programming and Data Structures  CSC 2205 OR CSC 205AA: Object Oriented Programming and Data Structures  CSC 2205	3	•	C
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CSC 230:	4	•	C
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Computer
Organization and
Assembly
Language OR
EEE 230:
Computer
Organization and
Assembly
Language

CSC 240: Introduction to Different Programming Languages	3	•	C
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ECE 102: Engineering Analysis Tools and Techniques OR ECE 102AA: Engineering Analysis Tools and Techniques AND ECE 103: Engineering Problem Solving and Design OR ECE 103AB: Engineering Problem Solving and Design	4	•	C
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3.00 cumulative
transfer GPA

Required Credits 62

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>