

2014-2015 Catalog Year - MAPP Computer Science BS, Computer Science (Software Engineering), Computer Science (Information Assurance)

ASU Major

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

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

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

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC 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. A total of 64 credit hours will transfer to Arizona State University.

*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						
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Literacy and Critical Inquiry

Lower Division Literacy and Critical Inquiry	0-3	■			C	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.
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Mathematical Studies

MAT 221: Calculus with Analytic Geometry I  MAT 2220	4	■		■	C	
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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-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	8	■		■	C	Select the Biology, Chemistry or Physics sequence. Fulfills the Lab
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(Majors) II 

BIO 1182 OR

CHM 151:

General

Chemistry I

 CHM 1151

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

CHM 152AA:

General

Chemistry II

 CHM 1152

OR

CHM 150AA:

General

Chemistry I

 CHM 1151

OR

CHM 151AA:

General

Chemistry I

 CHM 1151

OR

PHY 121:

University

Physics I:

Mechanics 

PHY 1121 AND

PHY 131:

University

Physics II:

Electricity and

Magnetism 

PHY 1131

Science
requirement.

Subject Options

MAT 230: 4-5

Calculus With

Analytic

Geometry II

C

 MAT 2230

OR

MAT 231:

Calculus With

Analytic

Geometry II

 MAT 2230

MAT 240:	4-5	■	■	C
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Calculus With

Analytic

Geometry III

 MAT 2241

OR

MAT 241:

Calculus With

Analytic

Geometry III

 MAT 2241

AGEC Awareness Areas

Lower Division	0-3	■	C
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Cultural

Diversity in the

US [C]

Lower Division	0-3	■	C
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Historical or

Global [H] or

[G]

MCCCD Additional Requirements

COM 100:	0-3	■	C
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Introduction to

Human

Communication

 COM 1100

OR

COM 110:

Interpersonal

Communication

OR

COM 225:

Public Speaking

OR

COM 230: Small

Group

Communication

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

Additional Lower Division Requirements

Complete a lab	4	■	C	ASU degree
science that				requires 4

transfers to ASU
with a SG or SQ,
course may be in
BIO, CHM,
GLG, or PHY.


additional lab
science credits
that include
GLG as an
option


MAT 227: Discrete Mathematical Structures 	3	•	C
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MAT 2227

CSC 110: Introduction to Computer Science (Java) OR CSC 110AA: Introduction to Computer Science (Java) OR CSC 110AB: Intro To Computer Science (Java)	3-4	•	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 	3-4	•	C
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CSC 2205 OR
CSC 205AA:
Object Oriented
Programming
and Data
Structures 

CSC 2205 OR
CSC 205AB:
Object Oriented
Programming A
 CSC 2205

CSC 230: Computer Organization and Assembly Language OR EEE 230:	4	•	C
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Computer Organization and Assembly Language			
CSC 240: Introduction to Different Programming Languages	3	•	C
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
3.00 cumulative transfer GPA			
Required Credits	66		

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>