

2014-2015 Catalog Year - MAPP Mathematics BS

ASU Major

[Mathematics, BS](#) - [\[The College of Liberal Arts and Sciences\]](#)

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Mathematics 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. 3.0 cumulative GPA in all Sun Devil Tracking courses : CSC110, CSC110AA, CSC205, CSC205AA, MAT221, MAT231, MAT 241.

*USE 1100103017 Maricopa Co Cc Dist Course Requirements

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

First Year Composition

ENG 101:	3				C
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First-Year

Composition

 ENG 1101

OR

ENG 107:

First-Year

Composition for

ESL

ENG 102:	3				C
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First-Year

Composition

 ENG 1102

OR

ENG 108:

First-Year

Composition for

ESL



Literacy and Critical Inquiry

Lower Division	3				C
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Literacy and

Critical Inquiry

Mathematical Studies

MAT 221: Calculus with Analytic Geometry I 	4				C
MAT 2220					
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
Humanities and Fine Arts					
Lower Division Humanities and Fine Arts	6	■			C
Social-Behavioral Science					
Lower Division Social and Behavioral Sciences	6	■			C
Natural Science					
PHY 121: University Physics I: Mechanics	4	■		■	C
Lower Division Natural Sciences	4	■			C
General Education Awareness Areas					
Lower Division Cultural Diversity in the US [C]	0-3	■			C
Lower Division Historical or Global [H] or [G]	0-3	■			C
MCCCD Additional Requirements					
COM 100: Introduction to Human Communication  COM 1100	0-3	■			C

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

CSC 205: Object Oriented Programming  CSC 2205 OR CSC 205AA: Object Oriented Programming OR CSC 205AB: Object Oriented Programming A  CSC 2205	3-4	■	C
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MAT 230: Calculus With Analytic Geometry II  MAT 2230 OR MAT 231: Loading...  MAT 2230	4-5	■	C
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MAT 240: Calculus With Analytic Geometry III  MAT 2241 OR MAT 241: Calculus With Analytic Geometry III  MAT 2241	4-5	■	C
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MAT 227: Discrete Mathematical Structures  MAT 2227	3	■	C
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Lower Division	7-0		C	Lower
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Elective

Division
Electives
should be
completed
once all other
requirements
have been met
and only if
needed to
complete
community
college's
associate
degree
requirements.

MAT 262: Differential Equations 	3	■	C
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MAT 2262 OR
MAT 277:
Modern
Differential
Equations

3.0 cumulative
GPA in MAT
241: Calculus
with Analytic
Geometry III,
MAT 231:
Calculus with
Analytic
Geometry II,
MAT 221:
Calculus with
Analytic
Geometry I, CSC
110: Introduction
to Computer
Science (Java)
OR CSC 110AA:
Introduction to
Computer
Science (Java),
CSC 205: Object
Oriented
Programming OR
CSC 205AA:
Object Oriented
Programming

Required Credits 60

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>