College of Alameda

AA/AS Degree Map

CAMPUS OPERATOR: (510) 522-7221
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CAREER CENTER: (510) 748-2208

MATHEMATICS

ASSOCIATE OF SCIENCE (OPTION 1 - MATH 1)

START HERE

FALL 1

COURSE			UNITS	REQUIREMENT	COA GE AREA	COMPLETION
MATH 1	Pre-Calculus (+215 Support Course)		4-6	Prereq for Math 3A	4B	
MATH 50	Trigonometry (+216 Support Course)		3-4	Prereq for Math 3A	4B	
ENGL 1A/1AS	Composition and Reading (w/ support)		4-5	GE	4A	
KIN 54A	Cross Fitness I - Fundamentals		1	Elective		
COMM 1A	Introduction to Speech	or		GE	4D	
COMM 45	Public Speaking		3	GE	4D	

NOTES:

15 - 19 Semester Units

SPRING 1

COURSE			UNITS	REQUIREMENT	COA GE AREA	COMPLETION
MATH 3A	Calculus I		5	Major	4B	
MATH 13	Introduction to Statistics (+213 Support Course)		4 - 6	Major Elective	4B	
PSYCH 1A	Introduction to General Psychology	or		GE	2	
PSYCH 1B	Introduction to General Psychology		3	GE	2	
MUSIC 15A	Jazz, Blues & Popular Music in the American Culture*	or		GE	3 & 5	
MUSIC 15B	Jazz, Blues & Popular Music in the American Culture*		3	GE	3 & 5	

NOTES: *Course may be taken during intersession if offered.

15 - 17 Semester Units

SUMMER

COURSE		UNITS	REQUIREMENT	COA GE AREA	COMPLETION
MATH 3B	Calculus II	5	Major	4B	

5 Semester Units

FALL 2

COURSE			UNITS	REQUIREMENT	COA GE AREA	COMPLETION
MATH 3C	Calculus III		5	Major	4B	
AFRAM 30	African-American History: Africa to 1865**	or		Elective	2 & 5	
ASAME 45A	Asian-American History to 1945**		3	Elective	2 & 5	
SOC 5	Minority Groups*	or		Elective	2 & 5	
PSYCH 18	Psychology of Race and Ethnicity in the U.S.*		3	Elective	2 & 5	
GEOG 1	Introduction to Physical Geography	or		GE	1	
BIOL 10	Introduction to Biology		3 - 4	GE	1	
LIS 85	Introduction to Information Resources	or		GE	4C	
CIS 1	Introduction to Computer information Systems		2 - 4	GE	4C	

NOTES: *Course may be taken during intersession if offered.
**Recommended for students who benefit from taking 15 units or more per semester.

16 - 19 Semester Units

SPRING 2

COURSE			UNITS	REQUIREMENT	COA GE AREA	COMPLETION
MATH 3E	Linear Algebra		3	Major	4B	
MATH 3F	Differential Equations***		3	Major	4B	
KIN 54B	Cross Fitness II - Beginning**		1	Elective	Elective	
DANCE 60	Ballet I**		1	Elective	Elective	
DANCE 68	Modern Dance 1**		1	Elective	Elective	
ECON 1	Principles of Economics (Macro-Economics)	or		Elective	2	
ECON 2	Principles of Economics (Micro-Economics)		3	Elective	2	
ANTHR 3	Introduction to Social and Cultural Anthropology	or		Elective	2	
GEOG 2	Cultural Geography		3	Elective	2	

NOTES: **Recommended for students who benefit from taking 15 units or more per semester.
***Prerequisite challenge might be needed for Math 3F if student has taken 3C instead of 3E.

15 Semester Units

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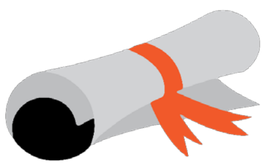

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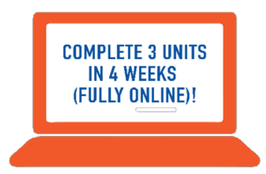
INTERSESSION



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MATHEMATICS

ASSOCIATE IN ARTS FOR TRANSFER [OPTION 1]

START HERE

FALL 1

COURSE			UNITS	REQUIREMENT	CSU GE AREA	COMPLETION
MATH 1	Pre-Calculus (+215 Support Course)		4-6	Prereq for MATH 3A	B4	
MATH 50	Trigonometry (+216 Support Course)		3-4	Prereq for MATH 3A	B4	
ENGL 1A/1AS	Composition and Reading (w/ support)		4-5	GE	A2	
COUN 24	College Success	or		GE	E	
COUN 57	Career and Life Planning		3	GE	E	

NOTES:

14 - 18 Semester Units

SPRING 1

COURSE			UNITS	REQUIREMENT	CSU GE AREA	COMPLETION
MATH 3A	Calculus I		5	Major	B4	
ENGL 5	Critical Thinking in Reading & Writing		3	GE	A3	
COMM 1A	Introduction to Speech	or		GE	A1	
COMM 45	Public Speaking		3	GE	A1	
MUSIC 15A	Jazz, Blues & Popular Music in the American Culture	or		GE	C1	
ART 1	Introduction to Art History		3	GE	C1	
HIST 7A	History of the US to 1877*	or		US History	C2	
HIST 7B	History of the US since 1865*		3	US History	C2	

NOTES: *This course must be taken at College of Alameda to count for the specific CSU GE Area.

17 Semester Units

SUMMER

COURSE		UNITS	REQUIREMENT	CSU GE AREA	COMPLETION
MATH 3B	Calculus II	5	Major	B4	

5 Semester Units

FALL 2

COURSE			UNITS	REQUIREMENT	CSU GE AREA	COMPLETION
MATH 3C	Calculus III		5	Major	B4	
GEOG 1	Introduction to Physical Geography	or		GE	B1	
PHYS 10	Introduction to Physics		3 - 4	GE	B1	
POSCI 1	Government and Politics in the United States	or		US/CA Politics	D	
POSCI 26	U.S. and California Constitution		3	US/CA Politics	D	
PHIL 1	Introduction to Philosophy	or		GE	C2	
ENGL 1B	Composition and Reading		3 - 4	GE	C2	

NOTES:

14 - 16 Semester Units

SPRING 2

COURSE			UNITS	REQUIREMENT	CSU GE AREA	COMPLETION
MATH 3E	Linear Algebra		3	Major, List A	B4	
MATH 3F	Differential Equations		3	Major, List A	B4	
PSYCH 1A	Introduction to General Psychology	or		GE	D	
COMM 6	Intercultural Communication		3	GE	D	
ANTHR 1	Introduction to Physical Anthropology	or		GE	B2	
BIOL 10	Introduction to Biology		3 - 4	GE	B2 & B3	
GEOG 1L	Physical Geography Lab	or		GE	B3	
ANTHR 1L	Physical Anthropology Lab		1	GE	B3	
SOC 5	Minority Groups	or		GE	D	
ECON 2	Principles of Economics (Micro-Economics)		3	GE	D	

NOTES:

16 - 17 Semester Units

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MATHEMATICS

ASSOCIATE OF SCIENCE (OPTION 2 - MATH 3A)

START HERE

FALL 1

COURSE			UNITS	REQUIREMENT	COA GE AREA	COMPLETION
MATH 3A	Calculus I		5	Major	4B	☐
ENGL 1A/1AS	Composition and Reading (w/ support)		4-5	GE	4A	☐
COMM 1A	Introduction to Speech	or		GE	4D	
COMM 45	Public Speaking		3	GE	4D	☐
MUSIC 15A	Jazz, Blues & Popular Music in the American Culture	or		GE	3 & 5	
MUSIC 15B	Jazz, Blues & Popular Music in the American Culture		3	GE	3 & 5	☐

NOTES:

15 - 16 Semester Units

SPRING 1

COURSE			UNITS	REQUIREMENT	COA GE AREA	COMPLETION
MATH 3B	Calculus II		5	Major	4B	☐
COUN 30	Personal Growth and Development		3	Elective	2	☐
PSYCH 1A	Introduction to General Psychology	or		GE	2	
PSYCH 1B	Introduction to General Psychology		3	GE	2	☐
GEOG 1	Physical Geography	or		GE	1	
BIOL 10	Introduction to Biology		3 - 4	GE	1	☐
LIS 85	Introduction to Information Resources	or		GE	4C	
CIS 1	Introduction to Computer information Systems		2 - 4	GE	4C	☐

NOTES:

16 - 19 Semester Units

SUMMER

COURSE		UNITS	REQUIREMENT	COA GE AREA	COMPLETION
MATH 13	Introduction to Statistics (+213 Support Course)	4-6	Major Elective	4B	☐

4 - 6 Semester Units

FALL 2

COURSE			UNITS	REQUIREMENT	COA GE AREA	COMPLETION
MATH 3C	Calculus III		5	Major	4B	☐
KIN 54A	Cross Fitness I - Fundamentals*		1	Elective		☐
AFRAM 30	African-American History: Africa to 1865	or		Elective	2 & 5	
ASAME 45A	Asian-American History to 1945		3	Elective	2 & 5	☐
SOC 5	Minority Groups	or		Elective	2 & 5	
PSYCH 18	Psychology of Race and Ethnicity in the U.S.		3	Elective	2 & 5	☐
POSCI 1	Government and Politics in the United States	or		Elective	2	
POSCI 31	Introduction to Public Administration		3	Elective	2	☐

NOTES: *Recommended for students who benefit from taking 15 units or more per semester.

15 Semester Units

SPRING 2

COURSE			UNITS	REQUIREMENT	COA GE AREA	COMPLETION
MATH 3E	Linear Algebra		3	Major	4B	☐
MATH 3F	Differential Equations**		3	Major	4B	☐
KIN 54B	Cross Fitness II - Beginning*		1	Elective		☐
DANCE 60	Ballet I*		1	Elective		☐
DANCE 68	Modern Dance I*		1	Elective		☐
ECON 1	Principles of Economics (Macro-Economics)	or		Elective	2	
ECON 2	Principles of Economics (Micro-Economics)		3	Elective	2	☐
ANTHR 3	Introduction to Social and Cultural Anthropology	or		Elective	2	
GEOG 2	Cultural Geography		3	Elective	2	☐

NOTES: *Recommended for students who benefit from taking 15 units or more per semester.
**Prerequisite challenge might be needed for Math 3F if student has taken 3C instead of 3E

15 Semester Units

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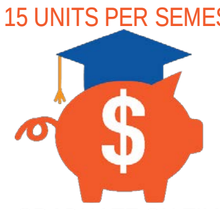

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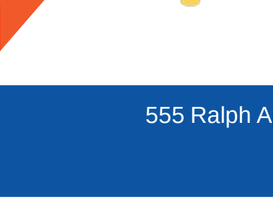

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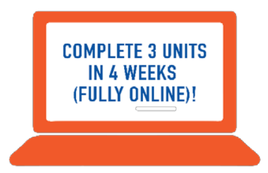

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ASSOCIATE IN ARTS FOR TRANSFER (OPTION 2)

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FALL 1

COURSE			UNITS	REQUIREMENT	CSU GE AREA	COMPLETION
MATH 3A	Calculus I		5	Major	B4	☐
ENGL 1A/1AS	Composition and Reading (w/ support)		4-5	GE	A2	☐
SOC 5	Minority Groups	or		GE	D	
ECON 2	Principles of Economics (Micro-Economics)		3	GE	D	☐
COUN 24	College Success	or		GE	E	
COUN 57	Career and Life Planning		3	GE	E	☐

NOTES:

15 - 16 Semester Units

SPRING 1

COURSE			UNITS	REQUIREMENT	CSU GE AREA	COMPLETION
MATH 3B	Calculus II		5	Major	B4	☐
ENGL 5	Critical Thinking in Reading & Writing		3	GE	A3	☐
COMM 1A	Introduction to Speech	or		GE	A1	
COMM 45	Public Speaking		3	GE	A1	☐
MUSIC 15A	Jazz, Blues & Popular Music in the American Culture	or		GE	C1	
ART 1	Introduction to Art History		3	GE	C1	☐
HIST 7A	History of the US to 1877*	or		US History	C2	
HIST 7B	History of the US since 1865*		3	US History	C2	☐

NOTES: *This course must be taken at College of Alameda to count for the specific CSU GE Area.

17 Semester Units

FALL 2

COURSE			UNITS	REQUIREMENT	CSU GE AREA	COMPLETION
MATH 3C	Calculus III		5	Major	B4	☐
GEOG 1	Introduction to Physical Geography	or		GE	B1	
PHYS 10	Introduction to Physics		3 - 4	GE	B1	☐
POSCI 1	Government and Politics in the United States	or		US/CA Politics	D	
POSCI 26	U.S. and California Constitution		3	US/CA Politics	D	☐
PHIL 1	Introduction to Philosophy	or		GE	C2	
ENGL 1B	Composition and Reading		3 - 4	GE	C2	☐

NOTES:

14 - 16 Semester Units

SPRING 2

COURSE			UNITS	REQUIREMENT	CSU GE AREA	COMPLETION
MATH 3E	Linear Algebra		3	Major, List A	B4	☐
MATH 3F	Differential Equations		3	Major, List A	B4	☐
KIN 54B	Cross Fitness II - Beginning		1	Elective		☐
ANTHR 1	Introduction to Physical Anthropology	and		GE	B2	
ANTHR 1L	Physical Anthropology Lab	or		GE	B3	
BIOL 10	Introduction to Biology		4	GE	B2 & B3	☐
PSYCH 1A	Introduction to General Psychology	or		GE	D	
COMM 6	Intercultural Communication		3	GE	D	☐

NOTES:

14 Semester Units

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