

AA/AS Degree Map

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MATHEMATICS

ASSOCIATE OF SCIENCE (OPTION 1 - MATH 1) **START HERE** COA GE COMPLETION REQUIREMENT UNITS **AREA COURSE** Pre-Calculus (+215 Support Course) MATH 1 Prereq for Math 3A 4B Trigonometry (+216 Support Course) MATH 50 Prereq for Math 3A 4B Composition and Reading (w/ support) GE 4-5 4A Cross Fitness I - Fundamentals **KIN 54A** Elective Introduction to Speech GE COMM 1A 4D or COMM 45 **Public Speaking** GE 4D 3 **NOTES:** 15 - 19 Semester Units COA GE COMPLETION **COURSE** REQUIREMENT UNITS **AREA** Calculus I Major MATH 3A 5 **4B** Introduction to Statistics (+213 Support Course) Major Elective **MATH 13 4B** Introduction to General Psychology GE **PSYCH 1A** Introduction to General Psychology PSYCH 1B GE 3 Jazz, Blues & Popular Music in the American Culture* MUSIC 15A 3 & 5 or MUSIC 15B Jazz, Blues & Popular Music in the American Culture* GE 3 3 & 5 NOTES: *Course may be taken during intersession if offered. 15 - 17 Semester Units SUMMER COA GE COMPLETION COURSE UNITS REQUIREMENT Calculus II MATH 3B Major 5 4B Semester Units **COA GE** COMPLETION COURSE UNITS REQUIREMENT AREA Calculus III MATH 3C Major 5 **4B** African-American History: Africa to 1865** Elective 2 & 5 AFRAM 30 or ASAME 45A Asian-American History to 1945** Elective 3 2 & 5 Minority Groups* Elective SOC 5 2 & 5 or Psychology of Race and Ethnicity in the U.S.* PSYCH 18 Elective 2 & 5 3 Introduction to Physical Geography GE GEOG 1 1 or Introduction to Biology GE BIOL 10 3 - 4 1 Introduction to Information Resources GE LIS 85 4C or GE Introduction to Computer information Systems 2 - 4 4C CIS₁ 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 **COA GE** COMPLETION COURSE UNITS REQUIREMENT AREA Linear Algebra Major MATH 3E 3 **4B** Differential Equations*** Major MATH 3F **4B** 3 Cross Fitness II - Beginning** Elective **KIN 54B Elective** DANCE 60 Ballet I** Elective **Elective** Modern Dance 1** **DANCE 68** Elective **Elective** Principles of Economics (Macro-Economics) Elective ECON 1 2 or Principles of Economics (Micro-Economics) ECON 2 Elective 3 2 Introduction to Social and Cultural Anthropology ANTHR 3 Elective 2 or **Cultural Geography** Elective GEOG 2 3 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.

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MATHEMATICS

START HERE

ASSOCIATE OF SCIENCE (OPTION 2 - MATH 3A)

	SIAR						
	COURSE			UNITS	REQUIREMENT	COA GE AREA	COMPLETION
	MATH 3A	Calculus I		5	Major	4B	
T	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	
1		Jazz, Blues & Popular Music in the American Culture		3	GE	3 & 5	
_							
	NOTES:						
	15 - 16 Semester Units						
	COURSE			UNITS	REQUIREMENT	COA GE	COMPLETION
T	MATH 3B	Calculus II		5	Major	AREA 4B	
/ D	COUN 30	Personal Growth and Development		3	Elective	2	
U	PSYCH 1A	Introduction to General Psychology	or	3	GE	2	
7	PSYCH 1B	Introduction to General Psychology	OI .	3	GE	2	
	GEOG 1		or	3	GE	1	
N	BIOL 10	Physical Geography Introduction to Biology	UI	3 - 4	GE	1	
	LIS 85	Introduction to Biology Introduction to Information Resources	or	J - 4	GE	4C	
	CIS 1	Introduction to information Resources Introduction to Computer information Systems	OI .	2 - 4	GE	4C	
5	NOTES:	introduction to Computer information Systems			OL.	40	
~				16 - 19	Semester Units		
SUMMER	COURSE			UNITS	REQUIREMENT	COA GE AREA	COMPLETION
\geq	MATH 13	Introduction to Statistics (+213 Support Course)	_	4-6	Major Elective	4B	
SU		madadion to otationos (1210 oupport oourse)					
				4 - 6	Semester Units		
	COURSE			4 - 6 UNITS	Semester Units REQUIREMENT	COA GE AREA	COMPLETION
	COURSE MATH 3C	Calculus III					COMPLETION
		Calculus III Cross Fitness I - Fundamentals*		UNITS	REQUIREMENT	AREA	COMPLETION
7	MATH 3C	Cross Fitness I - Fundamentals*	or	UNITS	REQUIREMENT Major	AREA	COMPLETION
7	MATH 3C KIN 54A AFRAM 30		or	UNITS	REQUIREMENT Major Elective	AREA 4B	COMPLETION
-L 2	MATH 3C KIN 54A AFRAM 30	Cross Fitness I - Fundamentals* African-American History: Africa to 1865	or	UNITS 5 1	REQUIREMENT Major Elective Elective	4B 2 & 5	COMPLETION
	MATH 3C KIN 54A AFRAM 30 ASAME 45A	Cross Fitness I - Fundamentals* African-American History: Africa to 1865 Asian-American History to 1945 Minority Groups		UNITS 5 1	REQUIREMENT Major Elective Elective Elective	AREA 4B 2 & 5 2 & 5	COMPLETION
ALL 2	MATH 3C KIN 54A AFRAM 30 ASAME 45A SOC 5	Cross Fitness I - Fundamentals* African-American History: Africa to 1865 Asian-American History to 1945		5 1 3	REQUIREMENT Major Elective Elective Elective Elective Elective	AREA 4B 2 & 5 2 & 5 2 & 5	COMPLETION
FALL 2	MATH 3C KIN 54A AFRAM 30 ASAME 45A SOC 5 PSYCH 18	Cross Fitness I - Fundamentals* African-American History: Africa to 1865 Asian-American History to 1945 Minority Groups Psychology of Race and Ethnicity in the U.S.	or	5 1 3	Major Elective Elective Elective Elective Elective Elective Elective	AREA 4B 2 & 5 2 & 5 2 & 5 2 & 5 2 & 5	COMPLETION
FALL 2	MATH 3C KIN 54A AFRAM 30 ASAME 45A SOC 5 PSYCH 18 POSCI 1	Cross Fitness I - Fundamentals* African-American History: Africa to 1865 Asian-American History to 1945 Minority Groups Psychology of Race and Ethnicity in the U.S. Government and Politics in the United States	or	UNITS 5 1 3	Major Elective Elective Elective Elective Elective Elective Elective Elective	AREA 4B 2 & 5 2 & 5 2 & 5 2 & 5 2 & 5 2 & 5	COMPLETION
FALL 2	MATH 3C KIN 54A AFRAM 30 ASAME 45A SOC 5 PSYCH 18 POSCI 1 POSCI 31	Cross Fitness I - Fundamentals* African-American History: Africa to 1865 Asian-American History to 1945 Minority Groups Psychology of Race and Ethnicity in the U.S. Government and Politics in the United States Introduction to Public Administration	or	UNITS 5 1 3 3	Major Elective Elective Elective Elective Elective Elective Elective Elective Elective	AREA 4B 2 & 5 2 & 5 2 & 5 2 & 5 2 & 5 2 & 5	COMPLETION
FALL 2	MATH 3C KIN 54A AFRAM 30 ASAME 45A SOC 5 PSYCH 18 POSCI 1	Cross Fitness I - Fundamentals* African-American History: Africa to 1865 Asian-American History to 1945 Minority Groups Psychology of Race and Ethnicity in the U.S. Government and Politics in the United States	or	UNITS 5 1 3 3	Major Elective Elective Elective Elective Elective Elective Elective Elective Elective	AREA 4B 2 & 5 2 & 5 2 & 5 2 & 5 2 & 5 2 & 5	COMPLETION
FALL 2	MATH 3C KIN 54A AFRAM 30 ASAME 45A SOC 5 PSYCH 18 POSCI 1 POSCI 31	Cross Fitness I - Fundamentals* African-American History: Africa to 1865 Asian-American History to 1945 Minority Groups Psychology of Race and Ethnicity in the U.S. Government and Politics in the United States Introduction to Public Administration	or	UNITS 5 1 3 3	Major Elective Elective Elective Elective Elective Elective Elective Elective Elective	AREA 4B 2 & 5 2 & 5 2 & 5 2 & 5 2 & 2 2	COMPLETION
FALL 2	MATH 3C KIN 54A AFRAM 30 ASAME 45A SOC 5 PSYCH 18 POSCI 1 POSCI 31	Cross Fitness I - Fundamentals* African-American History: Africa to 1865 Asian-American History to 1945 Minority Groups Psychology of Race and Ethnicity in the U.S. Government and Politics in the United States Introduction to Public Administration	or	UNITS 5 1 3 3	Major Elective Elective Elective Elective Elective Elective Elective Elective Elective er semester.	AREA 4B 2 & 5 2 & 5 2 & 5 2 & 5 2 & 5 2 & 5	COMPLETION
PALL 2	MATH 3C KIN 54A AFRAM 30 ASAME 45A SOC 5 PSYCH 18 POSCI 1 POSCI 31	Cross Fitness I - Fundamentals* African-American History: Africa to 1865 Asian-American History to 1945 Minority Groups Psychology of Race and Ethnicity in the U.S. Government and Politics in the United States Introduction to Public Administration *Recommended for students who benefit from taking 15 ur	or	UNITS 5 1 3 3 more position	Major Elective Elective Elective Elective Elective Elective Elective Elective Elective Semester.	AREA 4B 2 & 5 2 & 5 2 & 5 2 & 5 2 & 5 2 & 5 COAGE	
PALL 2	MATH 3C KIN 54A AFRAM 30 ASAME 45A SOC 5 PSYCH 18 POSCI 1 POSCI 31 NOTES: COURSE	Cross Fitness I - Fundamentals* African-American History: Africa to 1865 Asian-American History to 1945 Minority Groups Psychology of Race and Ethnicity in the U.S. Government and Politics in the United States Introduction to Public Administration *Recommended for students who benefit from taking 15 ur Linear Algebra	or	UNITS 5 1 3 3 units UNITS	Major Elective Elective Elective Elective Elective Elective Elective Elective Elective Semester. Semester Units REQUIREMENT	AREA 4B 2 & 5 2 & 5 2 & 5 2 & 5 2 & 2 COA GE AREA	
5 2 FALL 2	MATH 3C KIN 54A AFRAM 30 ASAME 45A SOC 5 PSYCH 18 POSCI 1 POSCI 31 NOTES: COURSE MATH 3E	Cross Fitness I - Fundamentals* African-American History: Africa to 1865 Asian-American History to 1945 Minority Groups Psychology of Race and Ethnicity in the U.S. Government and Politics in the United States Introduction to Public Administration *Recommended for students who benefit from taking 15 ur	or	UNITS 5 1 3 3 UNITS UNITS 3	Major Elective Major	AREA 4B 2 & 5 2 & 5 2 & 5 2 & 5 2 & 5 2 4B COA GE AREA 4B	
G 2 FALL 2	MATH 3C KIN 54A AFRAM 30 ASAME 45A SOC 5 PSYCH 18 POSCI 1 POSCI 31 NOTES: COURSE MATH 3E MATH 3F	Cross Fitness I - Fundamentals* African-American History: Africa to 1865 Asian-American History to 1945 Minority Groups Psychology of Race and Ethnicity in the U.S. Government and Politics in the United States Introduction to Public Administration *Recommended for students who benefit from taking 15 un Linear Algebra Differential Equations**	or	UNITS 5 1 3 3 UNITS UNITS 3 3	Major Elective Elective Elective Elective Elective Elective Elective Elective Elective Semester. Semester Units REQUIREMENT Major Major Major	AREA 4B 2 & 5 2 & 5 2 & 5 2 & 5 2 & 5 2 4B COA GE AREA 4B	
NG 2 FALL 2	MATH 3C KIN 54A AFRAM 30 ASAME 45A SOC 5 PSYCH 18 POSCI 1 POSCI 31 NOTES: COURSE MATH 3E MATH 3F KIN 54B	Cross Fitness I - Fundamentals* African-American History: Africa to 1865 Asian-American History to 1945 Minority Groups Psychology of Race and Ethnicity in the U.S. Government and Politics in the United States Introduction to Public Administration *Recommended for students who benefit from taking 15 ur Linear Algebra Differential Equations** Cross Fitness II - Beginning*	or	UNITS 5 1 3 3 UNITS 15 UNITS 3 3 1	Major Elective	AREA 4B 2 & 5 2 & 5 2 & 5 2 & 5 2 & 5 2 4B COA GE AREA 4B	
ING 2 FALL 2	MATH 3C KIN 54A AFRAM 30 ASAME 45A SOC 5 PSYCH 18 POSCI 1 POSCI 31 NOTES: COURSE MATH 3E MATH 3F KIN 54B DANCE 60	Cross Fitness I - Fundamentals* African-American History: Africa to 1865 Asian-American History to 1945 Minority Groups Psychology of Race and Ethnicity in the U.S. Government and Politics in the United States Introduction to Public Administration *Recommended for students who benefit from taking 15 un Linear Algebra Differential Equations** Cross Fitness II - Beginning* Ballet I*	or	UNITS 5 1 3 3 UNITS 15 UNITS 3 3 1	Major Elective Elective Elective Elective Elective Elective Elective Elective Elective Rective Elective	AREA 4B 2 & 5 2 & 5 2 & 5 2 & 5 2 & 5 2 4B COA GE AREA 4B	
RING 2 FALL 2	MATH 3C KIN 54A AFRAM 30 ASAME 45A SOC 5 PSYCH 18 POSCI 1 POSCI 31 NOTES: COURSE MATH 3E MATH 3F KIN 54B DANCE 60 DANCE 68	Cross Fitness I - Fundamentals* African-American History: Africa to 1865 Asian-American History to 1945 Minority Groups Psychology of Race and Ethnicity in the U.S. Government and Politics in the United States Introduction to Public Administration *Recommended for students who benefit from taking 15 ur Linear Algebra Differential Equations** Cross Fitness II - Beginning* Ballet I* Modern Dance I*	or or	UNITS 5 1 3 3 UNITS 15 UNITS 3 3 1	Major Elective	AREA 4B 2 & 5 2 & 5 2 & 5 2 & 5 2 & 5 2 4 4 COA GE AREA 4B 4B 4B	
PRING 2 FALL 2	MATH 3C KIN 54A AFRAM 30 ASAME 45A SOC 5 PSYCH 18 POSCI 1 POSCI 31 NOTES: COURSE MATH 3E MATH 3F KIN 54B DANCE 60 DANCE 68 ECON 1	Cross Fitness I - Fundamentals* African-American History: Africa to 1865 Asian-American History to 1945 Minority Groups Psychology of Race and Ethnicity in the U.S. Government and Politics in the United States Introduction to Public Administration *Recommended for students who benefit from taking 15 ur Linear Algebra Differential Equations** Cross Fitness II - Beginning* Ballet I* Modern Dance I* Principles of Economics (Macro-Economics)	or or	UNITS 5 1 3 3 UNITS 15 UNITS 3 1 1 1 1	Major Elective	AREA 4B 2 & 5 2 & 5 2 & 5 2 & 5 2 & 5 2 4B COA GE AREA 4B 4B 4B	
SPRING 2 FALL 2	MATH 3C KIN 54A AFRAM 30 ASAME 45A SOC 5 PSYCH 18 POSCI 1 POSCI 31 NOTES: COURSE MATH 3E MATH 3F KIN 54B DANCE 60 DANCE 68 ECON 1 ECON 2	Cross Fitness I - Fundamentals* African-American History: Africa to 1865 Asian-American History to 1945 Minority Groups Psychology of Race and Ethnicity in the U.S. Government and Politics in the United States Introduction to Public Administration *Recommended for students who benefit from taking 15 ur Linear Algebra Differential Equations** Cross Fitness II - Beginning* Ballet I* Modern Dance I* Principles of Economics (Macro-Economics) Principles of Economics (Micro-Economics)	or or	UNITS 5 1 3 3 UNITS 15 UNITS 3 1 1 1 1	REQUIREMENT Major Elective	AREA 4B 2 & 5 2 & 5 2 & 5 2 & 5 2 & 5 2 & 5 2 & 8 4B COA GE AREA 4B 4B 4B	
SPRING 2 FALL 2	MATH 3C KIN 54A AFRAM 30 ASAME 45A SOC 5 PSYCH 18 POSCI 1 POSCI 31 NOTES: COURSE MATH 3E MATH 3F KIN 54B DANCE 60 DANCE 68 ECON 1 ECON 2 ANTHR 3	Cross Fitness I - Fundamentals* African-American History: Africa to 1865 Asian-American History to 1945 Minority Groups Psychology of Race and Ethnicity in the U.S. Government and Politics in the United States Introduction to Public Administration *Recommended for students who benefit from taking 15 ur Linear Algebra Differential Equations** Cross Fitness II - Beginning* Ballet I* Modern Dance I* Principles of Economics (Macro-Economics) Principles of Economics (Micro-Economics) Introduction to Social and Cultural Anthropology	or or or	UNITS 5 1 3 3 4 1 1 1 3	Major Elective	AREA 4B 2 & 5 2 & 5 2 & 5 2 & 5 2 & 5 2 2 2 2 2 2 2 2 2 2 2 2	

**Prerequisite challenge might be needed for Math 3F if student has taken 3C instead of 3E

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