

# AA/AS Degree Map

**CAMPUS OPERATOR: (510) 522-7221 COUNSELING: (510) 748-2209 CAREER CENTER:** (510) 748-2208

## 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 CIS<sub>1</sub> 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 GEOG 2 **Cultural Geography** Elective 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

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NOTES:

ASSOCIATE OF SCIENCE (OPTION 2 - MATH 3A)

	JIAI						
	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	
1	MUSIC 15B	Jazz, Blues & Popular Music in the American Culture		3	GE	3 & 5	
	NOTES:						
	15 - 16 Semester Units						
	COURSE			UNITS	REQUIREMENT	COA GE	COMPLETION
	MATH 3B	Calculus II		5	Major	AREA 4B	
48	COUN 30	Personal Growth and Development		3	Elective	2	
U	PSYCH 1A	Introduction to General Psychology	or	J	GE	2	
	PSYCH 1B		or	3	GE	2	
	GEOG 1	Introduction to General Psychology Physical Geography	or	J	GE	1	
œ	BIOL 10	Introduction to Biology	OI .	3 - 4	GE	1	
	LIS 85	Introduction to Information Resources	or	J - <del>4</del>	GE	4C	
	CIS 1	Introduction to information Resources  Introduction to Computer information Systems	UI	2 - 4	GE	4C	
S	NOTES:	introduction to computer information systems		2 - 4	OL .	40	
œ				16 - 19 :	Semester Units	COA CE	
SUMMER	COURSE			UNITS	REQUIREMENT	COA GE AREA	COMPLETION
<b>■</b>	MATH 13	Introduction to Statistics (+213 Support Course)		4-6	Major Elective	4B	
S				4-6	Semester Units		
	COURSE			UNITS	REQUIREMENT	COA GE	COMPLETION
		Coloulus III				AREA	
	MATH 3C	Calculus III Cross Fitness I. Fundamentals*		5 1	Major	4B	
N	KIN 54A AFRAM 30	Cross Fitness I - Fundamentals*  African American History, Africa to 1945	or	'	Elective Elective	2 & 5	
		African-American History: Africa to 1865	or	3	Elective	2 & 5	
	SOC 5	Asian-American History to 1945 Minority Groups	or	3	Elective	2 & 5	
	PSYCH 18	Psychology of Race and Ethnicity in the U.S.	OI.	3	Elective	2 & 5	
4	POSCI 1	Government and Politics in the United States	or	J	Elective	2 & 3	
	POSCI 31	Introduction to Public Administration	UI	3	Elective	2	
Ш	7 000101	THE OCCUPITED ECUPING ACTIONS CONTROLLED TO ACTION			LICCTIVE		
	NOTES:	*Recommended for students who benefit from taking 15 units or more per semester.					
				15	Semester Units		
	COURSE			UNITS	REQUIREMENT	COA GE AREA	COMPLETION
<b>QL</b>	MATH 3E	Linear Algebra		3	Major	4B	
V	MATH 3F	Differential Equations**		3	Major	4B	
(5)	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	
M	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	
S							

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