



Financial Aid Eligible



VA Eligible

**MATHEMATICS (ASSOCIATE IN SCIENCE) (SB1440) (01585)**

YES

YES

This sample course map does not represent a contract or guarantee of course availability or transfer guarantee, nor does it replace meeting with a [Counselor to discuss your goals and create a custom Student Education Plan](#) designed to fit your unique individual needs.

This plan includes GE recommendations [California State University General Education Breadth Requirements](#)  
Please see the [California State University General Education Breadth Requirements for additional GE options.](#)

This plan assumes the student is placed into transfer level Math and English  
[Southwestern College Graduation, Certificates, and Degree Requirements](#)

1ST SEMESTER			
Course	Course Title	Units	Requirement Area
MATH 250	Analytic Geometry and Calculus I	5	M, GE A2
GE 1A	GE 1A	4	GE 1A
GE A4	GE A4	3	3GE A4
GE 1C	GE 1C	3	GE 1C
		<b>TOTAL UNITS</b>	<b>15</b>

2ND SEMESTER			
Course	Course Title	Units	Requirement Area
MATH 251	Analytic Geometry and Calculus II	4	M
MATH 130	Introduction to Computer Programming	3	M
GE A4	GE A4	3	GE A4
GE 1B	GE 1B	3	GE 1B
GE A4	GE A4	3	GE A4
		<b>TOTAL UNITS</b>	<b>16</b>

3RD SEMESTER			
Course	Course Title	Units	Requirement Area
MATH 252	Analytic Geometry and Calculus III	4	M, GE A2
MATH 119	Elementary Statistics	4	ELECTIVE
GE 3A	GE 3A	3	GE 3A
GE 5B	GE 5B	3	GE 5B
		<b>TOTAL UNITS</b>	<b>14</b>

**4TH SEMESTER**

<b>Course</b>	<b>Course Title</b>	<b>Units</b>	<b>Requirement Area</b>
MATH 254	Introduction to Linear Algebra	3	M, GE A2
GE 5A	GE 5A	3	GE 5A
GE 5C	GE 5C	1	GE 5C
GE 3A	GE 3A	3	GE 3A
GE 3B	GE 3B	3	GE 3B
GE 6 (IF NEEDED) OR UC ELECTIVE	GE 6 (IF NEEDED) OR UC ELECTIVE	2	GE 6 (IF NEEDED) OR UC ELECTIVE
<b>TOTAL UNITS</b>		<b>15</b>	

**Requirement Codes:****M: Major Requirement****GE: General Education Requirement****GE Content Areas: 1A, 1B, 1C, AREA 2, 3B, 3A, 3B OR 3A, AREA 4, 5A, 5B, 5C, AREA 6, US-1, US-2, and US-3****E: Elective**