

MATH 252 Calculus with Analytic Geometry III 4

Select at least five units from the following:

ACCT 116A	Financial Accounting	4
ACCT 116B	Managerial Accounting	4
BIOL 210A	Introduction to the Biological Sciences I	4
BIOL 210B	Introduction to the Biological Sciences II	4
CHEM 200	General Chemistry I – Lecture	3
CHEM 200L	General Chemistry I – Laboratory	2
CISC 181	Principles of Information Systems	4
CISC 186	Visual Basic Programming	4
CISC 190	Java Programming	4
CISC 192	C/C++ Programming	4
ECON 120	Principles of Macroeconomics	3
ECON 121	Principles of Microeconomics	3
GEOL 100	Physical Geology	3
GEOL 101	Physical Geology Laboratory	1
MATH 119	Elementary Statistics	3
MATH 245	Discrete Mathematics	3
MATH 254	Introduction to Linear Algebra	3
MATH 255	Differential Equations	3
PHIL 100	Logic and Critical Thinking	3
PHIL 101	Symbolic Logic	3
PHYN 100	Survey of Physical Science	3
PHYS 195	Mechanics	5
PHYS 196	Electricity and Magnetism	5
PHYS 197	Waves, Optics and Modern Physics	5
PSYC 101	General Psychology	3
PSYC 258	Behavioral Science Statistics	3
SOCO 101	Principles of Sociology	3

Total Units = 18

General Education: In addition to the courses listed above, students must complete one of the general education options listed on page 93:

- The IGETC pattern (page 116) is accepted by all CSU campuses and most UC campuses and majors. It is also accepted by some private/independent or out of state universities.
- The CSU GE pattern (page 124) is accepted by all CSU campuses and some private/independent or out of state universities. It is not accepted by the UC system.
- The San Diego Community College District General Education pattern (page 100) may be appropriate for students transferring to a private/independent or out of state university or to a high-unit major. Students selecting this option should meet with a counselor to determine the appropriate General Education courses for their individual transfer goals.

It is strongly recommended that students consult with a counselor to determine which general education option is most appropriate for their individual educational goals.

Electives as needed to meet minimum of 60 units required for the degree.

Associate in Science in Mathematics for Transfer Degree:

The Associate in Science in Mathematics for Transfer Degree is intended for students who plan to complete a bachelor's degree in Mathematics or a related major in the California State University (CSU) system. Students who complete this degree and transfer to a participating CSU campus will be required to complete no more than 60 units after transfer to earn a bachelor's degree. It may not be appropriate preparation for students transferring to a CSU campus that does not accept the degree. Students who plan to complete this degree should consult a counselor for additional information about participating CSU campuses as well as university admission, degree, and transfer requirements.

Courses Required for the Major:		Units
MATH 119	Elementary Statistics*	3
MATH 150	Calculus with Analytic Geometry I*	5
MATH 151	Calculus with Analytic Geometry II*	4
MATH 252	Calculus with Analytic Geometry III*	4
MATH 254	Introduction to Linear Algebra*	3
Total Units = 19		

*Course also fulfills general education requirements for the CSU GE or IGETC pattern.

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- The CSU GE pattern (page 124) is accepted by all CSU campuses and some private/independent or out of state universities. It is not accepted by the UC system.

It is strongly recommended that students consult with a counselor to determine which general education option is most appropriate for their individual educational goals.