

Required / Recommended Area B-3 GE Math Courses

INTENDED MAJOR		APPROPRIATE MATH CLASS (required, unless indicated)
Agricultural Studies		Math 1600: Statistics
Anthropology	OR	Math 1000: Excursions into Mathematics (recommended) Math 1600: Statistics (graduate school or research track)
Art		Math 1000: Excursions into Mathematics (recommended)
Biological Sciences BA	OR	Math 1600: Statistics (recommended) Math 1100: Precalculus (if taking Phys 2100: Basic Physics I)
Biological Sciences BS	OR OR	Math 1600: Statistics Math 1610: Statistics for Decision Making Math 1410: Calculus I*
Business Administration (and all concentrations)	AND	Math 1610: Statistics for Decision Making Math 1500: Finite Math
Chemistry (for BA)	AND	Math 1410: Calculus I*
Chemistry (for BS add)	AND	Math 1420: Calculus II
Chemistry (for ASC BS add)	OR	Math 2410: Multivariate Calculus Math 2460: Introduction to Differential Eqns. Math 2530: Linear Algebra
Child Development	OR	Math 1000: Excursions into Mathematics (recommended) Math 1600: Statistics (recommended)
Cognitive Studies	OR	Math 1600: Statistics Math 1620: Probability and Statistics (check prerequisite)
Communication Studies	OR	Math 1600: Statistics Math 1610: Statistics for Decision Making
Computer Science	AND AND AND	Math 1410: Calculus I* Math 1420: Calculus II Math 1620: Probability and Statistics OR Math 1600: Statistics Math 2300: Discrete Structures
Criminal Justice		
Forensics		Math 1600: Statistics (required)
All others		Math 1600: Statistics (recommended)
Economics	OR	Math 1600: Statistics Math 1610: Statistics for Decision Making
English		Math 1000: Excursions into Mathematics (recommended)
Environmental Science	OR	Math 1600: Statistics Math 4630: Probability Theory (has prereqs.)
Ethnic Studies		Math 1000: Excursions into Mathematics (recommended)
Gender Studies		Math 1000: Excursions into Mathematics (recommended) Math 1600: Statistics (graduate school or research track)
Geography		Math 1000: Excursions into Mathematics (recommended)
Geology	OR OR	Math 1070: College Algebra AND Math 1080: Trigonometry Math 1100: Precalculus Math 1410: Calculus I*
History		Math 1000: Excursions into Mathematics (recommended)
Kinesiology		
Exercise Science		Math 1600: Statistics (required)
Health Promotion		Math 1600: Statistics (required)
Single Subject		Math 1000: Excursions into Mathematics (recommended)
Liberal Studies	AND	Math 1030: Elementary Foundations of Math I Math 1040: Elementary Foundations of Math II
Mathematics (SEE MATH ADVISOR)	OR OR OR	Math 1070: College Algebra Math 1080: Trigonometry Math 1100: Precalculus Math 1410: Calculus I*

Modern Languages Music		Math 1000: Excursions into Mathematics (recommended) Math 1000: Excursions into Mathematics (recommended)
Nursing		Math 1600: Statistics
Philosophy	OR OR	Math 1070: College Algebra Math 1100: Precalculus Math 1410: Calculus I* Motivated students should also consider Math 3400: Set Theory and Logic (has prereqs.)
Physical Science	AND	Math 1410: Calculus I* Math 1420: Calculus II
Physics	AND AND	Math 1410: Calculus I* Math 1420: Calculus II Math 2410: Multivariate Calculus
Political Science		Math 1600: Statistics
Psychology	OR OR	Math 1600: Statistics Math 1610: Statistics for Decision Making Math 1620: Probability and Statistics
Social Sciences		Math 1000: Excursions into Mathematics (recommended)
Sociology		Math 1600: Statistics (recommended)
Spanish		Math 1000: Excursions into Mathematics (recommended)
Theatre		Math 1000: Excursions into Mathematics (recommended)

* Math 1410, Calculus I, has prerequisite of either Math 1100 (Precalculus) or both Math 1070 (College Algebra) and Math 1080 (Trigonometry). Remember, a college-level math class moves at three times the pace of a high school math course. If a student has completed through Calculus and scored 3 or less on the AP Calculus exam and is a science major, you should recommend that the student repeat Calculus I. If a student took Precalculus in high school and earned a B- or lower, you should recommend that the student repeat Precalculus at Stanislaus.