California Lutheran University
Requirements for Bachelor of Science in Mathematics

California Lutheran University Mathematics	Ventura College
Required:	
MATH 241 Discrete Mathematics	MATH V52 DISCRETE STRUCTURES
MATH 251 Calculus I	Math 21A CALCULUS WITH ANALYTIC GEOMETRY I
MATH 252 Calculus II	Math 21B CALCULUS WITH ANALYTIC GEOMETRY II
MATH 261 Calculus III	Math 21C MULTIVARIABLE CALCULUS
PHYS 211/211L Mechanics and Thermodynamics-Calculus and Mechanics and Thermodynamics-Calculus Lab & PHYS 212/212L Electricity, Magnetism, and Optics – Calculus and Electricity, Magnetism, and Optics - Calculus Lab	PHYS 03AGENERAL PHYSICS I: CALCULUS-BASED/03AL GENERAL PHYSICS I: CALCULUS-BASED LAB PHYS 03B GENERAL PHYSICS II: CALCULUS-BASED/03BL GENERAL PHYSICS II: CALCULUS-BASED LAB
CSC 210 Introduction to Computer Programming	CS 42 INTERMEDIATE JAVA
Recommended Supporting Courses:	
CHEM 151 General Chemistry/CHEM 151L General Chemistry Lab	CHEM 01A GENERAL CHEMISTRY I /01AL GENERAL CHEMISTRY I LAB
CHEM 152 General Chemistry II/CHEM 152L General Chemistry II Lab	CHEM 01B GENERAL CHEMISTRY II/01BL GENERAL CHEMISTRY II LAB

Requirements for Bachelor of Arts in Mathematics

California Lutheran University Mathematics	Ventura College
Required:	
MATH 241 Discrete Mathematics	MATH V52 DISCRETE STRUCTURES
MATH 251 Calculus I	Math 21A CALCULUS WITH ANALYTIC GEOMETRY I
MATH 252 Calculus II	Math 21B CALCULUS WITH ANALYTIC GEOMETRY II
MATH 261 Calculus III	Math 21C MULTIVARIABLE CALCULUS
Complete one of the following groups of course sequence options:	
Group I: PHYS 211/211L Mechanics and Thermodynamics-Calculus and Mechanics and Thermodynamics-Calculus Lab & PHYS 212/212L Electricity, Magnetism, and Optics - Calculus and Electricity, Magnetism, and Optics - Calculus Lab	PHYS 03AGENERAL PHYSICS I: CALCULUS-BASED/03AL GENERAL PHYSICS I: CALCULUS-BASED LAB PHYS 03B GENERAL PHYSICS II: CALCULUS-BASED/03BL GENERAL PHYSICS II: CALCULUS-BASED LAB
Group II: ECON 203/203L General Economics and General Economics Lab One of the following 400-level Economics class will be taken at CLU: ECON 406 Intermediate Macro-Economics ECON 411 Intermediate Micro-Economics ECON 450 Econometrics	ECON 01A PRINCIPLES OF MACROECONOMICS AND ECON 01B PRINCIPLES OF MICROECONOMICS
Recommended Supporting Courses:	
CHEM 151 General Chemistry/CHEM 151L General Chemistry Lab	CHEM 01A GENERAL CHEMISTRY I /01AL GENERAL CHEMISTRY I LAB
CHEM 152 General Chemistry II/CHEM 152L General Chemistry II Lab	CHEM 01B GENERAL CHEMISTRY II/01BL GENERAL CHEMISTRY II LAB
CSC 210 Introduction to Computer Programming	CS 42 INTERMEDIATE JAVA