

California Lutheran University

Requirements for Bachelor of Science in Mathematics

California Lutheran University Mathematics	Santa Barbara City
Required:	
MATH 241 Discrete Mathematics	CS 143 DISCRETE MATH
MATH 251 Calculus I	MATH 150 Calculus with Analytic Geometry I
MATH 252 Calculus II	MATH 160 Calculus with Analytic Geometry II
MATH 261 Calculus III	MATH 200 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 121 MECHANICS OF SOLIDS AND FLUIDS & PHYS 123 HEAT, LIGHT AND MODERN PHYSICS
	123 HEAT, LIGHT AND MODERN PHYSICS, PHYS 122 ELECTRICITY AND MAGNETISM
CSC 210 Introduction to Computer Programming	CS 120 Java Programming
Recommended Supporting Courses:	
CHEM 151 General Chemistry/CHEM 151L General Chemistry Lab	CHEM 155 General Chemistry I
CHEM 152 General Chemistry II/CHEM 152L General Chemistry II Lab	CHEM 156 General Chemistry II

Requirements for Bachelor of Arts in Mathematics

California Lutheran University Mathematics	Santa Barbara City
Required:	
MATH 241 Discrete Mathematics	CS 143 DISCRETE MATH
MATH 251 Calculus I	MATH 150 Calculus with Analytic Geometry I
MATH 252 Calculus II	MATH 160 Calculus with Analytic Geometry II
MATH 261 Calculus III	MATH 200 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 121 MECHANICS OF SOLIDS AND FLUIDS & PHYS 123 HEAT, LIGHT AND MODERN PHYSICS
	123 HEAT, LIGHT AND MODERN PHYSICS, PHYS 122 ELECTRICITY AND MAGNETISM
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 101 Microeconomics & ECON 102 Macroeconomics
Recommended Supporting Courses:	
CHEM 151 General Chemistry/CHEM 151L General Chemistry Lab	CHEM 155 General Chemistry I
CHEM 152 General Chemistry II/CHEM 152L General Chemistry II Lab	CHEM 156 General Chemistry II
CSC 210 Introduction to Computer Programming	CS 120 Java Programming