SECONDARY MATHEMATICS, POST-BACCALAUREATE CERTIFICATE

This program leads to Colorado Teacher licensure in Secondary Mathematics. It is for individuals who have completed a bachelor's degree from a regionally-accredited institution. It can be completed in conjunction with our M.Ed. program.

Goals

To prepare individuals for Colorado Teacher licensure in Secondary Mathematics.

Specific Program Requirements

Students pursuing this certificate must meet all requirements of the Teacher Education Program.

Course	Title	Credits
MATH 126	Calculus & Analytic Geometry I (GT-MA1)	5.00
MATH 224	Calculus and Analytic Geometry II	5.00
MATH 307	Introduction to Linear Algebra	4.00
MATH 330	Introduction to Higher Geometry	3.00
MATH 319	Number Theory	3.0
or MATH 427	Abstract Algebra	
MATH 156	Introduction to Statistics (GT-MA1)	3
or MATH 350	Probability	
MATH 463	History of Mathematics	3.00
Computer Programming Course		4.00
One of the following Sequences:		10.00
CHEM 121/L and CHEM 122/L or		
PHYS 221/L and PHYS 222/L		
ENG 101	Rhetoric & Writing I (GT-CO1)	3.0
ENG 102	Rhetoric & Writing II (GT-CO2)	3.0
CID 103	Speaking & Listening	3
PSYC 151	Human Development (GT-SS3)	3.00
or PSYC 251	Childhood and Adolescence	
ED 202	Foundations of Education	3.00
ED 520	Educational Media and Technology	3.00
ED 560	Professional Develop in Curriculum & Instruction	4.00
ED 512	Teaching Diverse Learners	3.0
MATH 577	Concepts in Secondary School Mathematics	4.00
RDG 535	Advanced Disciplinary Literacy	3.0
ED 485	Capstone Seminar in Education	1.00
ED 488	Student Teaching Secondary	12.00