

Fall 2010

HS_SEDC_BA_MATH

THE UNIVERSITY OF RHODE ISLAND
College of Human Science and Services
School of Education

Specialization Requirements in Secondary Education - MATHEMATICS

A minimum of 32 credits in mathematics coursework is needed.

Required:

Date(s) Course Completed	Course No.	Title	Credit
_____	MTH 141	Intro. Calculus with Analytic Geometry	4
_____	MTH 142	Interm. Calculus with Analytic Geometry	4
_____	MTH 215	Introduction To Linear Algebra	3
_____	MTH 243	Calculus for Functions of Several Variables	3
_____	MTH 307	Introduction to Mathematical Rigor	3
_____	MTH 316	Algebra	3
_____	MTH 322	Concepts of Geometry	3
_____	MTH 382	Number Theory	3
_____	MTH 447	Discrete Mathematical Structures	3
_____	MTH 451	Introduction to Probability & Statistics	3
Required Total			32

In addition to the above, all students are **required** to take the following concurrently with EDC430. These courses are required for the secondary education degree in mathematics education.

_____	MTH 420	Re-examining Mathematical Foundations for Teachers	3
_____	MTH 391	Special Problems	1