

# B.S. Major in Mathematics

The B.S. major in Mathematics requires 13 courses equaling 42 SH:

Code	Title	Semester Hours
<b>Core Courses:</b> <sup>1</sup>		
MATH 181	Calculus I	4.0
MATH 182	Calculus II	4.0
MATH 220	Mathematical Proofs	2.0
MATH 273	Linear Algebra	3.0
MATH 283	Multivariable Calculus	4.0
<b>Additional Required Course:</b>		
MATH 284	Differential Equations	3.0
Three courses from:		9.0
MATH 355	Applied Advanced Calculus	
MATH 360	Numerical Analysis	
MATH 364	Mathematical Statistics	
MATH 431	Complex Variables	
Two MATH electives numbered above 250		6.0
CSCI 171	Introduction to Programming	4.0
MATH 415	Senior Capstone	3.0
<b>Total Semester Hours</b>		<b>42.0</b>

<sup>1</sup> Core courses must be completed with a GPA of 2.0 or higher.