

# 2014-2015 Catalogue

## MATHEMATICS B.A.

All students must meet the University Requirements.

All students must meet the College Requirements.

As part of the Bachelor of Arts degree in the College of Arts and Sciences, mathematics majors may choose from two concentrations: Mathematics or Statistics.

## MAJOR REQUIREMENTS

### Mathematics Concentration

MATH 021	Calculus I	4
MATH 022	Calculus II	4
MATH 121	Calculus III	4
MATH 052	Fundamentals of Mathematics	3
MATH 124	Linear Algebra	3
Eighteen additional credits in mathematics/statistics courses at the 100-level or higher, with at least twelve credits numbered 200 or higher		18

### Statistics Concentration

Thirty-three credits of mathematics /statistics courses numbered MATH 021 or higher, including:		33
MATH 121	Calculus III	
MATH 124	Linear Algebra	
STAT 141	Basic Statistical Methods	
STAT 143	Statistics for Engineering	
or STAT 211	Statistical Methods I	
STAT 151	Applied Probability	
or STAT 251	Probability Theory	
STAT 201	Stat Computing & Data Analysis	
STAT 221	Statistical Methods II	
or STAT 227	Adv Statistical Methods II	
STAT 241	Statistical Inference	
or STAT 261	Statistical Theory	
STAT 281	Statistics Practicum	
or STAT 293	Undergrad Honors Thesis	
At least twelve credits must be at the 200-level or higher.		