



Eureka College

## MAJOR IN MATHEMATICS

2015-2016 CATALOG

**REQUIREMENTS FOR A MAJOR IN MATHEMATICS:** a minimum of 36 hours of coursework, consisting of the following:

*All of the following:*

_____	MAT171 – Calculus with Analytic Geometry I	4 hrs.
_____	MAT271 – Calculus with Analytic Geometry II	4 hrs.
_____	MAT272 – Calculus with Analytic Geometry III	4 hrs.
_____	MAT275 – Differential Equations	3 hrs.
_____	MAT280 – Discrete Mathematics	3 hrs.
_____	MAT310 – Probability and Statistics	3 hrs.
_____	MAT315 – Linear Algebra	3 hrs.
_____	MAT320 – Abstract Algebra	3 hrs.
_____	MAT340W – Foundations of Geometry	3 hrs.
_____	MAT415 – Real Analysis	3 hrs.

*Plus one of the following:*

_____	CSC135 – Computer Science I	3 hrs.
_____	CSC165 – Computer Science II	3 hrs.

**NOTES:**