



Associate of Science

MATHEMATICS/2014-2016

**GENERAL EDUCATION (36 CR) SEE PAGES 25-28.**

**Area I. Communications (9 cr)**

**Area II. Mathematics (3 cr)**

MATH 150 College Algebra (3)

**Area III. Laboratory Sciences (8 cr)**

**Area IV. Social/Behavioral Sciences (6-9 cr)**

**Area V. Humanities and Fine Arts (6-9 cr)**

HUM 100 FYE: History and Culture of Northern New Mexico (3)

Additional FYE courses

**Area VI. Library Technology (1 cr)**

LT 101 Library Research Skills (1)

**PROGRAM REQUIREMENTS (35 CR)**

MATH 145 Introduction to Probability and Statistics (3)

MATH 155 Trigonometry and Pre-Calculus (4)

MATH 162 Calculus I (4)

MATH 163 Calculus II (4)

MATH 264 Calculus III (4)

MATH 294 Intro to Linear Algebra with Applications (3)

MATH 296 Intro to Applied Ordinary Differential Equations (3)

MATH 295

Practicum (3) (or a course in an applied field  
different than math).

MATH 275 Intro to Numerical Computing (3)

ECE 152L Computer Programming (4)

**TOTAL CREDITS: 71**