

Mathematics

Degrees Offered

**BA
Mathematics**

**BS
Mathematics**

**Prerequisites
for entering the
major**

MATH 120 or equivalent
(e.g. completing MATH 231)

**Requirements
for each degree**

10 term courses
numbered 222 or higher

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numbered 222 or higher,
and 2 addtl adv courses
in physical sciences approved by
DUS

MATH 230 and 231 or MATH 222 or 225
and
MATH 250

2 courses in each of 3 categories chosen from:

Analysis

Algebra and Number Theory

Statistics and Applied Mathematics

Geometry and Topology

Logic and Foundations

Courses from at least 2 of 3 core areas:
Algebra, Real Analysis, and Complex Analysis

(One course may count towards one core area and one category. Core area and category designations for each course are listed in OCI)

**Senior
Requirements**

Senior Seminar
(MATH 480)

or

Senior Essay
(MATH 475)
and oral report,
with DUS permission

**Intensive
Major**

Courses in all 3 core areas;
2 MATH grad courses
or equivalent independent study
counted among the required courses

**Substitutions
Permitted**

Certain courses in Applied Mathematics, Computer Science, Engineering & Applied Science, Economics, Philosophy, Physics, Statistics & Data Science, or other departments, with DUS permission