

# Department of Mathematics and Computer Science

Chair: Mr. Darren Seifert

## Mathematics and Computer Science Department Mission

The mission of the Department of Mathematics and Computer Science is to equip students with knowledge in, skills of, and values of mathematics, computer science, and statistics and the ability to apply and advance the knowledge, skills, and values of these disciplines.

## Mathematics and Computer Science Department Goals:

The goals of the Department of Mathematics and Computer Science are as follows:

Student Learning Goals	Student Learning Outcomes
To prepare students for careers in teaching, government, business, and industry.	
To prepare students for graduate study in mathematics, computer science, and statistics.	
To enrich the General Education of students with appropriate mathematics and computer science courses.	
To support other disciplines with program specific service courses in the fields of mathematics, computer science, and statistics.	
To support other disciplines with mathematics, computer science, and statistics coursework.	
To support the University and larger community with faculty and student research.	
To support the University and larger community with faculty and student service.	
To provide outreach coursework, seminars, and professional presentations.	
To provide remedial and developmental coursework to prepare students to enter and succeed in a program of study.	
To incorporate current technology to facilitate the goals of the department.	

## University Teacher Education Policies

Refer to Teacher Education and Policies (<http://catalog.minotstateu.edu/undergraduate/teachereducationpoliciesandprocedures/>) section of the catalog for details regarding Teacher Education at Minot State University. These pages will explain admission, retention, and exit requirements of the program for math majors in Teacher Education.

## Department Teacher Education Requirements

In addition to the University-wide teacher education policies listed above, majors in the Department of Mathematics and Computer Science must:

- Maintain a minimum average of 2.50 after completing 16 semester hours in the mathematics major or minor or computer science education minor.
- Complete the Math 391 methods course and Math 381 practicum course prior to student teaching.

The Department of Mathematics and Computer Science Review Committee monitors the progress of its teacher education students.

## Placement in Mathematics

Appropriate initial enrollment in mathematics courses at Minot State University is determined by a combination of entrance and placement tests or the acceptance of credits of transfer, Advance Placement (AP), and College Level Examination Program (CLEP). Students enrolling without such previous credit are directed to entry level mathematics courses, courses numbered 92 through 165 depending on their scores on the ACT or SAT mathematics test and/or scores on locally-administered placements tests. Anyone without the required prerequisites enrolling in a mathematics course may be dropped from the class by the instructor.