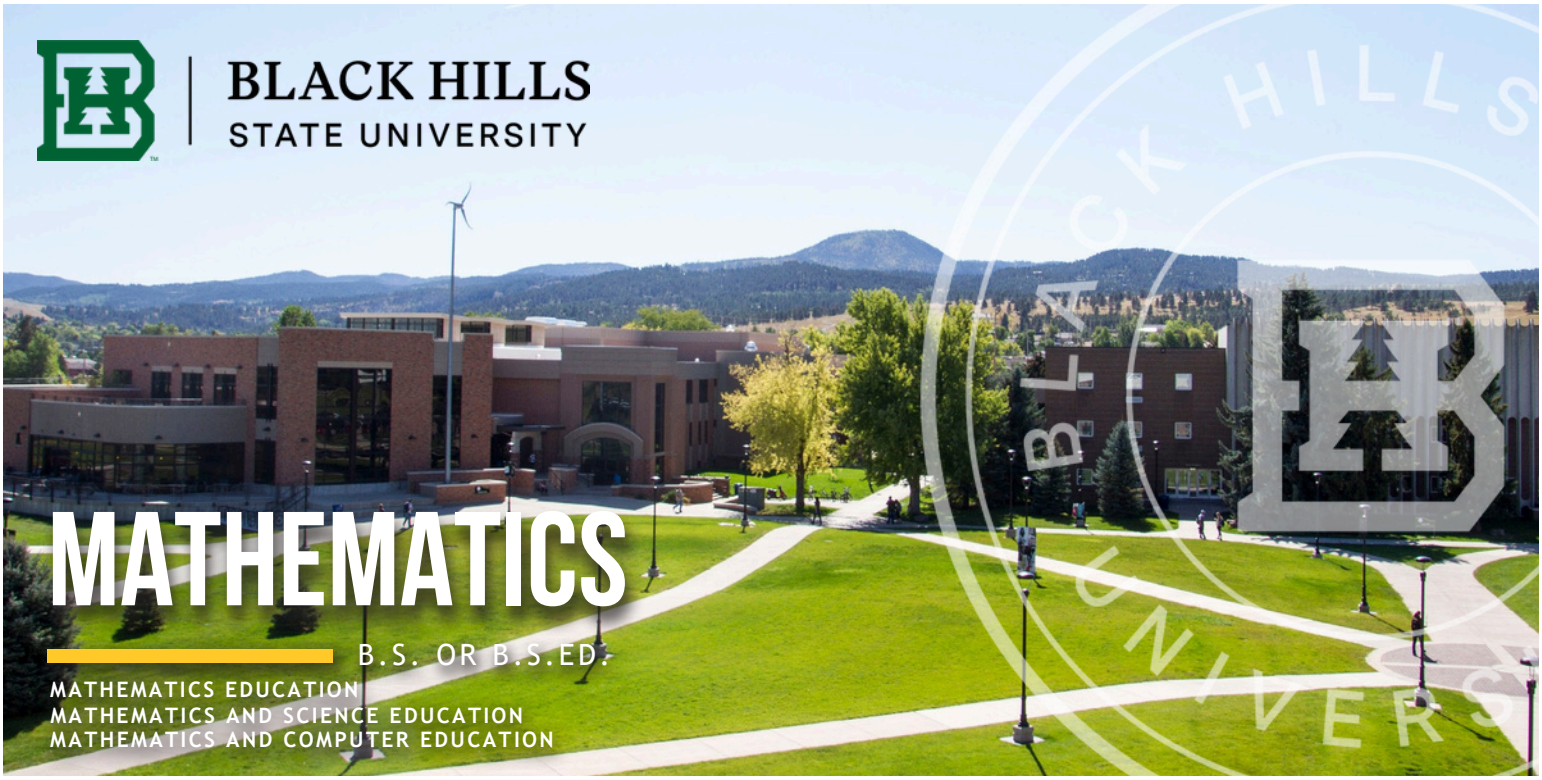
BLACK HILLS STATE UNIVERSITY



MATHEMATICS

B.S. OR B.S.ED.

MATHEMATICS EDUCATION
MATHEMATICS AND SCIENCE EDUCATION
MATHEMATICS AND COMPUTER EDUCATION

LIKE SOLVING PUZZLES?

School of Mathematics and Social Science majors at BHSU take classes in statistics and computer programming. These are critical areas which are only becoming more important each year. Another great course is Financial Mathematics, a popular elective in which students learn about investments such as stocks, bonds, and options, from a mathematical point of view. This course also helps prepare students for the first actuarial exam, a huge advantage in internship opportunities, etc. Finally, courses in discrete mathematics and combinatorics will focus on writing correct proofs, but also on solving fun puzzles, like:

» In a certain town, can I walk across every bridge exactly once, and end up back where I started? (Königsberg Bridge Problem)
» How many different ways can eight rooks be placed on an 8 by 8 chessboard so that no two are attacking each other?

ENJOY SMALL CLASSES with knowledgeable, engaged faculty to better facilitate learning.

RESEARCH OPPORTUNITIES are available in pure mathematics and mathematics education.conference or traveling abroad with a faculty member, BHSU professors aim to create global citizens by giving students hands-on experiences beyond the classroom.



FIND YOUR CAREER

Many of our graduates go on to teach Mathematics at the high school or middle school level, but that is not the only option! School of Mathematics and Social Science majors are in demand with employers from a variety of sectors:

» Banking & Finance
» Insurance Industry
» Technology

Studying School of Mathematics and Social Science is also great preparation for law school. School of Mathematics and Social Sciences majors learn to think critically and construct valid logical arguments, just like what is needed to practice law.

FIND OUT MORE ABOUT MATHEMATICS:

Black Hills State University | BHSU.edu/Math | 605.642.6343 | Admissions@BHSU.edu