# WHY SCHOOL OF MINES

Why pursue Science, Technology, and Society at Mines? Small classes and the opportunity to interact with professors combined with our campus-wide focus on critical thinking, problem-solving, and communication skills means students will be well prepared for post-baccalaureate study. Science, Technology, and Society majors take courses from across disciplines and can be sure that the pre-req courses needed for admission to professional schools will be taught at the appropriate level of rigor.

The School of Mines provides students with multiple opportunities to develop leadership and teamwork skills, including a variety of student clubs.

Also, at a time when a college education represents a significant investment, the School of Mines consistently ranks in America's 100 Best College Buys as evaluated by an independent research firm. For up-to-date information on tuition and fees, visit www.gotomines.com/costs.

SOUTH DAKOTA
SCHOOL OF MINES
& TECHNOLOGY

## CONNECT WITH US

For more information on the Science, Technology, and Society degree, review the resources available at http: sdsmt.edu/sts.

Still have questions? Contact the Science, Technology, and Society program coordinator: Dr. Allison Gilmore at Allison.Gilmore@sdsmt.edu or at 605.394.2481.


## THE BACHELOR OF SCIENCE IN

# SCIENCE TECHNOLOGY & SOCIETY

# BENEFITS

## OF THE SCIENCE, TECHNOLOGY, AND SOCIETY DEGREE

The B.S. degree in Science, Technology, and Society (STS) combines rigorous coursework in the Natural Sciences with a firm grounding in the Humanities and Social Sciences. It offers students an undergraduate degree that combines the strength of SD Mines science and engineering programs with an understanding of the human and societal dimensions of scientific progress provided by related coursework in the Humanities and Social Sciences.

Designed for students wishing to focus on careers relating to the environment and sustainability or policy and law, the STS program prepares students for admission to law school or graduate school, and for careers in public policy, public service, science communication, environmental science, science and technology firms, non-profits, science education, the military, and law enforcement. As a STEM-related degree, STS graduates offer a winning combination of communication, analytical, critical thinking, and problem-solving skills.

**Benefits of the STS Degree Include:**

- Flexibility in a wide range of coursework.
- Individualized design allowing the student to help shape the content of the degree to meet career goals.
- Opportunity to study Natural Sciences, Engineering, Social Sciences, Humanities, and Liberal Arts from a broad perspective, thus providing a well-rounded degree.
- Options to focus on careers relating to the environment and sustainability or policy and law.

## GENERAL REQUIREMENTS FOR GRADUATION

- Core Courses:  12 credits
- English and Communications:  9 credits
- Math, Computer Science, Engineering, Natural Science: minimum 45 credits
- Humanities and Social Sciences:  minimum 45 credits

**Total credits required:  120**

Students learn to connect scientific and technological innovations to real-world problems and analyze the societal impact of those innovations. A degree in STS teaches students to distinguish between sound and unsound interpretations of scientific information, employ cogent reasoning and ethical considerations in examining scientific issues of historical and contemporary concern, and effectively communicate the ways in which science and technology shape cultures, values, and institutions and vice versa.

Science, Technology, and Society coursework culminates with a two-semester senior capstone experience in which students complete an independent research project guided by faculty and experts in their field of interest.