The South Dakota School of Mines and Technology (SD Mines) is a public university in Rapid City, SD, that prepares students to succeed in science and engineering fields. SD Mines has been ranked one of "America's Best College Buys" for almost 20 years for our return on investment. Students have consistently earned over a 95% placement rate into their field of study after completing their Bachelor's degree.

97% Placement   **77%** Internship Experience   **$61,346** Avg. Starting Salary

This guide is meant to assist students interested in transferring to SD Mines. There may be other courses that you could take at your community college that will transfer to SD Mines- it is recommended that you contact us throughout your transfer process to ensure your courses will transfer.

General transfer guidelines:
- Save the syllabi for your courses- they may be required to evaluate your transfer credit.
- You typically need a "C" or higher grade to transfer a course.
- You do not need to complete all the courses listed here before transferring.

Core Pre-Engineering and Computer Science Courses:
- MATH 165 Calculus I
- MATH 166 Calculus II
- MATH 265 Calculus III
- CHEM 121/L Gen. Chemistry I/Lab
- ENGL 110 College Comp. I
- ENGL 120 College Comp. II
- COMM 110 Fundamentals of Public Speaking
  SD Mines does not accept Interpersonal Communication
- 6 credits of Social & Behavioral Sciences
- 6 credits of Arts & Humanities
- PHYS 251 University Physics I

You may want to consider taking some specialized courses toward your major requirements, in addition to these core courses. Additional potential transfer courses are listed by major in the next column.

Want to know more?
Research our degrees, apply for admission, or schedule a visit on our website!
www.sdsmt.edu

Transferology™

Biomedical Engineering:
- MATH 266 Intro to Diff. Eq.
- BIOL 150/L Gen. Bio. I/Lab
- CHEM 122/L Gen. Chem. II/Lab

Chemical Engineering:
- MATH 266 Intro to Diff. Eq.
- CHEM 122/L Gen. Chem. II/Lab
- PHYS 252/L University Physics II/Lab

Civil Engineering:
- CAD 211 Computer Aided Design
- MATH 266 Intro to Diff. Eq.
- CHEM 122/L Gen. Chem. II/Lab
- ENGR 201 Statics

Computer Engineering:
- C++ based programming course
- EE 206/L Circuit Analysis/Lab
- MATH 266 Intro to Diff. Eq.
- PHYS 252/L University Physics II/Lab

Computer Science:
- C++ based programming sequence

Electrical Engineering:
- C++ based programming course
- EE 206/L Circuit Analysis/Lab
- MATH 266 Intro to Diff. Eq.
- PHYS 252/L University Physics II/Lab

Geological Engineering:
- CAD 211 Computer Aided Design
- CHEM 122/L Gen. Chem. II/Lab
- ENGR 201 Statics
- MATH 266 Intro to Diff. Eq.
- PHYS 252/L University Physics II/Lab

Industrial Engineering & Engineering Management:
- MATH 266 Intro to Diff. Eq.
- PHYS 252/L University Physics II/Lab
- PSYC 101 Intro. to Psyc.

Mechanical Engineering:
- C based programming course
- MATH 266 Intro to Diff. Eq.
- ENGR 201 Statics
- ENGR 202 Dynamics
- PHYS 252/L University Physics II/Lab

Metallurgical Engineering:
- CHEM 122/L Gen. Chem. II/Lab
- C based programming course
- MATH 266 Intro to Diff. Eq.
- PHYS 252/L University Physics II/Lab

Mining Engineering:
- ENGR 201 Statics
- ENGR 202 Dynamics
- MATH 266 Intro to Diff. Eq.
- Economics (Macro- or Micro-)

SOUTH DAKOTA
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SCHOOL OF MINES & TECHNOLOGY

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Core Science, Pre-Med, and Business Courses:
- MATH 165 Calculus I
- MATH 166 Calculus II
- CHEM 121/L Gen. Chemistry I/Lab
  Mathematics students may take General Chemistry + Lab or General Biology + Lab
- ENGL 110 College Comp. I
- ENGL 120 College Comp. II
- COMM 110 Fundamentals of Public Speaking
  SD Mines does not accept Interpersonal Communication
- 6 credits of Social & Behavioral Sciences
- 6 credits of Arts & Humanities

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Transferology™

Applied Biological Sciences:
- BIOL 150/L Gen. Bio. I/Lab
- BIOL 151/L Gen. Bio. II/Lab
- CHEM 122/L Gen. Chem. II/Lab
- PHYS 251 University Physics I
- PHYS 252/L University Physics II/Lab

Atmospheric Sciences:
- MATH 265 Calculus III
- C++ based programming course
- MATH 266 Intro to Diff. Eq.
- BIOL 150/L Gen. Bio. I/Lab
- CHEM 122/L Gen. Chem. II/Lab
- PHYS 251 University Physics I
- PHYS 252/L University Physics II/Lab

Business Management in Technology:
- One Social Science course should be Microeconomics
- One Humanities course should be Intro to Logic
- Accounting

Chemistry:
- MATH 266 Intro to Diff. Eq.
- CHEM 122/L Gen. Chem. II/Lab
- PHYS 251 University Physics I
- PHYS 252/L University Physics II/Lab

Geology:
- MATH 265 Calculus III
- C or C++ based programming course
- GEOL 105/L Phys. Geol./Lab
- PHYS 251 University Physics I
- PHYS 252/L University Physics II/Lab

Mathematics:
- MATH 265 Calculus III
- C++ based programming course
- MATH 266 Intro to Diff. Eq.
- BIOL 150/L Gen. Bio. I/Lab OR CHEM 121/L Gen. Chemistry I/Lab
- PHYS 251 University Physics I
- PHYS 252/L University Physics II/Lab

Pre-Med:
- Anatomy
- C or C++ based programming course
- BIOL 150/L Gen. Bio. I/Lab
- BIOL 151/L Gen. Bio. II/Lab
- CHEM 122/L Gen. Chem. II/Lab

Physics:
- MATH 265 Calculus III
- C++ based programming course
- MATH 266 Intro to Diff. Eq.
- PHYS 251 University Physics I
- PHYS 252/L University Physics II/Lab