

About Rapid City

South Dakota's second-largest city (population of more than 65,000) offers a quality of life that any university student can love. As the region's cultural and trade center, you can find restaurants, entertainment outlets, and recreation activities galore. Twenty minutes from Mount Rushmore, Rapid City and the Black Hills offer numerous opportunities for summer and winter outdoor activities to balance academic studies.



About the Black Hills

The name "Black Hills" is a translation of the Lakota Pahá Sápa or "hills that are black." One of the most historic and beautiful places in the Midwest, the million-plus-acre Black Hills National Forest and surrounding area is far more than Mount Rushmore and outlaw legends. Fabulous caves, remote canyons, abundant wildlife, forests, and other natural attractions are close to campus and are part of the School of Mines experience. Our students love recreational opportunities like snowboarding, kayaking, mountain biking, powwows, fishing, camping, snowmobiling, boating, hunting, and lots more.



The professional master's program in construction management at the South Dakota School of Mines and Technology helps construction professionals advance to the next level.

- Transform your career with leadership and management credentials
- Elevate your career with a master's degree and professional management skills
- Prepare for your role as a future leader and manager in the construction industry

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Applications:

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& TECHNOLOGY

<http://construction-management.sdsmt.edu>

Construction Management M.S.

SOUTH DAKOTA



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Professional Master's Program

The professional master's program in construction management helps construction professionals advance to the next level.

The construction management master's program offers you access to the South Dakota School of Mines and Technology's award-winning faculty and first-class curricula. In addition, you will be part of a student cohort that includes working professionals from across the U.S.

Consistently ranked one of America's 100 Best College Buys, the School of Mines developed this flexible, affordable, part-time master's program so you can continue to work while advancing your career and keeping your knowledge up-to-date in this rapidly changing field.

Courses typically meet one evening per week and cover the core topics in construction management. You choose four elective courses (12 credits) that fit your interests to complete the 32 credits required to earn your master's in construction management. Complete a total of nine courses (27 credits) and five professional practice credits to earn your degree.

Professional graduate programs have a broad appeal to working professionals and students in a wide variety of disciplines who are seeking an educational experience and credential to advance their careers as future leaders and managers in the construction industry.

The School of Mines is committed to educating and preparing individuals for success in the construction industry. With special emphasis placed on distance learning and industry-experienced faculty, our advanced degree and course offerings in construction management provide an educational experience that prepares construction professionals to become leaders and managers in the field.

The construction management courses have the flexibility to be used for corporate professional development in addition to being a component of our existing master's program. The program has also been designed to be a transfer friendly curriculum.

Overview

- The 32 credit professional master's curriculum includes 27 credits of course work plus 5 credits of professional practice.
- Course work consists of five core classes and four elective classes allowing a program of study to reflect both individual interests and career goals.
- The curriculum culminates in a final project of professional quality to demonstrate capability in a specific area of interest and readiness for professional practice.
- The program includes an interdisciplinary curriculum with over 21 hours of management-oriented courses.
- A blended delivery of both online and face-to-face interaction allows participation for local and distance professionals.

Core Curriculum (15 credits)

- Sustainable construction: Design, management, project delivery, documentation, and risk reduction
- Construction procurement systems: Social, economic, and legal aspects of contracts
- Construction project management: Estimating, scheduling, and project control
- Regulatory environment of construction: Codes and regulations
- Construction equipment management: Cost and productivity

Four Electives (12 credits)

- Safety management
- Quality management
- Business strategy
- Ethics and professionalism
- Innovation and commercialization
- Engineering economics
- Ergonomics
- Engineering management and labor relations

The Professional Practice Project (5 credits)

The professional project evaluates a construction process or project developed as part of an internship, builds on your industry experience, or expands on an area of interest to you. Opportunities to work with faculty on applied research opportunities in construction are also available in a wide variety of subjects ranging from traditional to new and emerging specialties.

Online or On Campus

Using blended learning technologies, courses are offered online concurrently with traditional face-to-face classes. This 100 percent flexible approach enables delivery via distance learning, at a corporate campus, on-site, or any combination. The courses and sequence of the master's in construction management program are designed independently so that students can enter the program at any one of the three semesters during the year. Contact <Graduate.Admissions@sdsmt.edu> for admission and financial aid information.

Faculty

At the South Dakota School of Mines and Technology, world-renowned professors invent tomorrow by preparing the engineering and science leaders of the future and by creating new ideas that drive global research, industry, and policy. Faculty members also collaborate with industry as the university strives to help solve some of the many engineering and science problems of today as well as generate economic development in Rapid City, the Black Hills, and the state of South Dakota.

For more information:

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