



Black Hills State University Spearfish, South Dakota

History

Black Hills State University was established by the Dakota Territorial Legislature in 1883 as Spearfish Normal School. By 1924 the school was authorized to adopt a four-year curriculum leading to a B.S. in education degree. Known informally as a teacher's college during the 20s and 30s, the name was officially changed to Black Hills Teachers College in 1941. On July 1, 1964, in recognition of the broadening educational opportunities offered by the college, the Legislature officially changed the name to Black Hills State College. The college's role in the state's higher education system has continued to grow and evolve over recent decades. Recognizing the need to be competitive in today's educational market place and at the same time enhance the state's economic development potential, the state Legislature changed the college's name to Black Hills State University, effective July 1, 1989. Dr. Thomas O. Flickema was named the university's eighth president Feb. 8, 1995, following a national search by the South Dakota Board of Regents.

Accreditation

The university is accredited by the North Central Association of Colleges and Secondary Schools, the International Assembly for Collegiate Business Education, the National Council for the Accreditation of Teacher Education, and the National Association of Schools of Music. The university is also a member of the American Association of State Colleges and Universities and the National Commission on Accrediting.

Objective

Enrollment at BHSU remains steady with nearly 4,000 students attending classes at the Spearfish campus, at sites in Rapid City and distance offerings. BHSU, the state's third largest university, is a regional comprehensive public university. Quality education has always been and remains the ultimate objective of the university.

Black Hills State University is committed to maintaining academic excellence through a curriculum consisting of more than 80 majors and minors as well as two master's degree programs, one in education and one in business. The curriculum is delivered by 117 full-time faculty through three colleges: Arts and Sciences, Business and Technology, and Education.



Though providing a quality education is the university's primary mission, extending its human and physical resources to the people of the state and region is also important. Resources available to area citizens include: the Madeline Young Speaker's Series, economic development workshops, a computer-linked state library network, faculty speakers, consultants, extension classes, drama series, concert series, correspondence courses, conferences, and workshops. The university, in partnership with the Spearfish arts community, hosts the annual Black Hills Summer Institute of the Arts featuring workshops, instruction, and entertainment in the visual arts, dance and music.

Curricula

College of Arts and Science:

The mission of the College of Arts and Sciences is to provide all students with the opportunity to acquire a broad liberal arts education in the areas of Fine and Applied Arts, Humanities, Mathematics, Natural Sciences and Social Sciences. These experiences develop valuable skills in critical thinking, analysis, synthesis, the use of scientific method and oral and written communications as well as a

greater understanding and appreciation for different cultures and international issues. Along with classroom instruction, the college fosters research and other creative activities between faculty and students.

The College of Arts and Sciences has produced many student success stories within the diverse disciplines encompassed in its six departments. Many BHSU graduates go on to graduate school.



College of Business and Technology:

The College of Business and Technology provides students with the professional competencies necessary to become leaders in an ever changing global environment. In order to make optimal organizational decisions, business students learn

to integrate and apply knowledge of key functions. Similarly, technology graduates will be able to integrate and apply their knowledge of communications, construction, manufacturing, power, energy, and transportation to solve problems. Opportunities are provided for all students to gain leadership skills through involvement with student organizations and to gain practical experiences through internships in cooperation with business and industry.



The BHSU business program, which is one of the largest in the area, was recently accredited by an internationally recognized accreditation agency. Faculty members are actively engaged in applied research and publication. This keeps them on the cutting edge of their disciplines and enables them to infuse their lectures with freshness, insight and relevance.

College of Education:

The College of Education provides courses of study leading to Bachelor of Science degrees in education, including special education, at the pre-kindergarten, elementary, middle school and secondary school levels. A distance delivered Associate of Science paraprofessional degree is also offered through the College of Education. A course of study resulting in a Master of Science degree is available in curriculum and instruction (P-12). The Master of Science in Curriculum and

Instruction degree is offered on campus, online and in cohort groups throughout the region. The program offers specialty emphasis strands in curriculum development, technology in education, and reading.

Majors:

General courses of study include the following majors: Accounting, American Indian Studies, Applied Technical Science, Art, Art Education, Biology, Biology Education, Business Administration, Business Education, Chemistry, Chemistry Education, Communication Arts, Early Childhood Special Education, Elementary Education, English, English Education, Environmental Physical Science, Health Services Administration, History, History Education, Human Resource Management, Human Services, Industrial Technology, Marketing, Mass Communications, Mathematics, Mathematics Education, Mathematics and Science Education, Middle School Education, Music, Music - Instrumental or Vocal Education, Outdoor Education, Physical Education, Physical Science, Physical Science Education, Political Science, Professional Accountancy, Psychology, Science Education, Social Science, Social Science Teaching, Sociology, Spanish, Spanish Education, Special Education, Speech, Speech Education, Theatre, Theatre Education, Technology Education, Tourism & Hospitality Management and Wellness Management.



Pre-professional:

The general education and liberal arts curricula provide a suitable background for students planning to complete their education in the following areas: Agriculture, Chiropractic Medicine, Dental Hygiene, Dentistry, Fisheries Biology, Forestry, Law, Medical Technology, Medicine, Mortuary Science, Nursing, Occupational Therapy, Optometry, Osteopathic Medicine, Pharmacy, Physical Therapy, Physician Assistant, Podiatric Medicine, Range Management, Respiratory Therapy, Veterinary Medicine, and Wildlife Management.

Other Curricula:

Two-year associate of science degrees are available in the following areas: Application Programming, Administrative Assistant, Drafting Technology, Parapro-

fessional Education, Network Administration, Tourism and Hospitality Management, and Web Administration.

Graduate Curricula:

Graduate classes leading to a master of science degree in Curriculum and Instruction (P-12) is available through the College of Education and a master of science degree in Business Services Management is available through the College of Business and Technology. The College of Arts and Sciences, in conjunction with the University of South Dakota, offers graduate studies leading to the master of arts degree in English.

Course Delivery Options

BHSU has taken steps to adapt to the changing needs of its students by offering a number of course delivery options. All Regental higher education classes in Rapid City are coordinated through the recently established Center for Higher Education – West River. BHSU offers a variety of classes at several locations in Rapid City.

Black Hills State University has increased the number and variety of courses available by distance education. Currently, several hundred students are enrolled in distance education courses within South Dakota and beyond. Some students use distance education options to complement their on-campus schedules; other students use them as their primary outlet. BHSU currently offers a master of science in curriculum degree entirely online; the degree is also offered on campus and through cohort groups in the Black Hills region.

The Campus

The BHSU campus is recognized as one of the most beautiful campuses in the region. Today the university campus in Spearfish consists of 123 acres and 20 main buildings in addition to Ida Henton Park and Lyle Hare Stadium.

Clare and Josef Meier Hall, a state-of-the-art music and classroom building, was added in the center of campus recently. This new \$8.25 million 44,919 square-foot building includes a 280-seat recital hall, choir and band rooms, faculty studios, classrooms, soundproof practice rooms, conference rooms, instrument storage areas, keyboard, listening and piano labs and faculty offices. Many community performances are held in the recital hall in the new building.

A recent \$1 million donation has invigorated plans for a new theatre on campus. Consideration is also being given to remodeling the existing theatre in Woodburn Hall.

A majority of the instructional programs and offices are housed in Woodburn Hall, Cook Hall, Jonas Hall, and the Donald E. Young Sports and Fitness Center. The E.Y. Berry Library-Learning Center contains learning resources, both print and non-print. The university library is also the site of the mainframe computer that services the statewide library network.

Five residence halls and an apartment complex accommodate nearly 850 students. The David B. Miller Yellow Jacket Student Union serves the social and recreational needs of the students. The Donald E. Young Sports and Fitness Center, which was completed in 1990 to serve the university and community.





Dakota State University **Madison, South Dakota**

In 1984, legislative, university and community leaders, spurred on by the governor, developed a new mission for Dakota State University. The new mission completely revamped DSU from a small liberal arts teachers' college into an advanced university that integrates computer science and information systems technology across all academic offerings.

Today, Dakota State University's mission offers its students a unique learning experience: a solid education incorporating state-of-the-art computer technology, and grounded in the tenets of a traditional university education. There are few, if any, institutions in the United States that have implemented this unique advanced approach to infusing computer science and information systems across the entire curriculum.

This advanced approach to integrating computer technology is manifested in such degree programs as:

- Computer Science
- Information Systems
- Scientific Forensic Technology
- Teacher Education
- Computer Education
- Electronic Commerce
- Web Development/Multimedia
- Health Information Administration
- Biology for Information Systems
- Mathematics for Information Systems
- English for Information Systems

Study at DSU is challenging and filled with opportunity. At DSU the undergraduate student might perform research, do programming and systems analysis for a Fortune 500 company, integrate computers into an elementary school curriculum or create World Wide Web pages. The limits are set by the student and the support is provided by DSU's excellent faculty, institutes and centers.

DSU has also been a pioneer in Distance Education, offering courses over the internet since 1989. The newly renovated Technology Classroom Building with state of the art computer labs, along with the DDN Studio and the Governor's Electronic Classroom, have provided many opportunities for DSU students to take courses via the internet. The Technology Classroom Building is equipped with an iris scan recognition security system, the first installed in the state of South Dakota. DSU is researching this and other types of biometrics as part of an initiative to provide better security to not just infrastructure but information as well.

Dakota State University offers three masters programs. The Master of Science in Information Systems is the first of its kind in public higher education in South Dakota. DSU also offers a Master of Science in Educational Technology and a Master of Science in Information Assurance and Computer Security.

DSU graduates are in high demand...

Dakota State University regularly places 100 percent of its graduates in computer science, information systems and several other degree programs like English for information systems and respiratory care.

Salaries in the information systems degree programs are extremely competitive and in some cases greatly exceed regional averages. Corporations such as Gateway, Schwan's, Citibank, Federated Insurance and Mutual of Omaha interview, recruit and hire Dakota State University graduates. Recruiters know they will find more than well-trained professionals with inquisitive minds - they count on DSU graduates having real world skills and above average goals.



Such success is supported through an aggressive placement and internship program. Dakota State graduates enjoy an impressive 92% career placement rate in their field of study. Over eighty percent of DSU graduates have had at least one paraprofessional-internship field experience prior to graduation. An impressive 50 percent of these graduates have been offered a permanent position by their internship employers. In addition, graduates who have taken internships earn a 25 percent higher starting salary in their first post-college job.

An excellent learning environment . . .

The Dakota State University campus is located in Madison, South Dakota; only 50 miles north of the state's largest and fastest growing economic development center, the city of Sioux Falls. Dakota State, through USDSU at Sioux Falls, also delivers such degrees as Computer Science, E-Commerce, Computer Information Systems, Multimedia/ Web Development, M.S. Information Systems and M.S. Computer Education Technology, along with several associates, minors, and certificates.



The computer environment is unequaled in the region. DSU began a Wireless Mobile Computing Initiative in the fall of 2004. The initiative put a tablet/notebook wireless computing device in the hands of all full time freshmen and sophomores. DSU is the only campus in the state of South Dakota to implement such a project and one of the first in the United States to utilize the tablet computing system. The DSU campus is wireless, further enhancing the student's access to information.

An excellent community environment . . .

The picturesque campus is located on 22 acres situated near two glacial lakes that provide year-round recreation. In the spring and summer, water skiing, sailing and fishing dominate the on-the-water activities. Sun bathing, softball and volleyball keep the beaches active.

On campus activities include intercollegiate and intramural athletics for men and women, music, art and drama. In 2000, Dakota State, in conjunction with the City of Madison, opened the doors to an \$8-million Community Center, complete

with indoor pool, walk/jog track, weight room, gyms, racquetball courts, and more. The DSU campus is also home to the Smith-Zimmermann Museum and the Dakota Prairie Playhouse, a theater complex that each summer hosts South Dakota's own professional repertory theater company.

Nationally recognized and accredited . . .

Dakota State's mission to integrate technology across its curriculum has resulted in the school receiving national recognition. DSU was named a National Center for Excellence in Information Assurance Education by the National Security Agency in 2004. *U.S. News and World Report* named the university the #2 Comprehensive Public College in the Midwest in 2004.

Dakota State is accredited by the following agencies:

- Commission on Institutions of Higher Education of the North Central Association of Colleges and Schools (NCA)
- Division of Education of the South Dakota Department of Education and Cultural Affairs
- Council on Accreditation of Allied Health Education Programs
- Council on Accreditation of the American Health Information Management Association
- Joint Review Committee for Respiratory Therapy Education of the American Medical Association
- National Council for the Accreditation of Teacher Education (NCATE)
- Association of Collegiate Business Schools and Programs
- National Security Agency (NSA) as a Center of Excellence in Information Assurance Education.

The path to the future starts here...

Dakota State is just the first step in a journey of lifelong learning for its graduates. When they leave campus, DSU alumni will have:

- An unsurpassed knowledge of information technology
- Exceptional creative and problem solving skills
- A passion for learning
- And a pride in their alma mater

Dakota State University's Web Site is www.dsu.edu



Northern State University Aberdeen, South Dakota

Location

Northern State University is located in Aberdeen, South Dakota, the state's third largest city and the trade, manufacturing, educational, cultural and medical center for northeastern South Dakota, southeastern North Dakota and western Minnesota.

Campus

NSU boasts one of the most beautiful campuses in the Midwest, with an award-winning facilities management team to maintain its pleasant and collegial setting. Trees shade its 72 acres, and during the spring, summer and fall, flowers bloom along walkways. Every point on campus is within easy walking distance of the Aberdeen city center.

The Beulah Williams Library, the NSU Student Center and the Barnett Center particularly reflect the attention Northern pays to its students' development academically, socially and physically. A major expansion of the Williams Library completed in 1996 has tripled its size; the facility houses media services, NSU-TV and distance education studios as well as providing study seating for 400 students



(including eight study rooms and multimedia study stations). The library collection includes more than 187,800 titles, nearly 880 newspaper and journal subscriptions and more than 349,660 microfilm units. Williams Library is also a depository for S.D. and U.S. government documents, and its collections are fully accessible through the S.D. Library Network.



When Northern dedicated its newly expanded and renovated NSU Student Center in 1999, it opened a one-stop facility for student services offices such as activities, residence life, health services, counseling and career development as well as providing refurbished homes for the NSU Bookstore, a gallery, Thunder's Lair and the Wolves Den. The facility is at the center of the campus's life, providing open areas for study, relaxation and socializing.

The Joseph H. Barnett Physical Education Complex and Convocation Center features offices, classrooms, a 160-meter track, a 25-meter six-lane pool, wrestling and weight rooms, dance and gymnastics, training rooms, tennis, volleyball, racquetball/handball/squash and basketball courts. The Northern State Wolves compete in the NCAA.

All of the university's facilities offer pleasing useful buildings for study, living, recreation, culture or socializing, from the newly renovated School of Education building, the Gerber Building, to the university's oldest structure, Lydia Graham Hall, which houses administrative offices, dining facilities and community organizations. The Johnson Fine Arts Center welcomes tens of thousands of people each year to its 1,000-seat theater, classroom and smaller recital halls.

History: Century Celebrated

Northern State University enjoys a happy, working relationship with the community of Aberdeen, and has done so for more than 100 years. Once dedicated almost exclusively to teacher preparation, NSU has become a comprehensive four-year and graduate institution that provides programs in arts and sciences, business, education and fine arts. More than 40 major and 40 minor fields of study are offered.

In its centennial year of 2001-2002, the university was given an expanded mission in E-learning, which, while certainly offering technology and education for the 21st century working world, is in keeping with Northern's 100-year history of offering innovative and relevant opportunities to its students.

Statement of Purpose

Northern State University is a multipurpose, regional institution of higher education, authorized for the people of South Dakota by the South Dakota Legislature. Founded as a normal and industrial school to serve the northern part of the state, the University has diversified its offerings to address the emerging needs of the students, community, and region. Teacher preparation remains an important feature of the institutional mission, as do programs in the arts and sciences, business, and fine arts. Through undergraduate and graduate programs, the university provides quality teaching and learning. Distance delivery technology is a core mission in all degree programs, especially all levels of teacher preparation. Offering students a breadth and depth in the liberal arts and in professional studies, the university develops effective and productive professionals and citizens. Further, the university creates and nurtures a community of students, faculty, and staff, supporting communication, student and faculty research, and professional growth. Northern State University has designed programs to meet academic, social, cultural, and economic needs of the community and area, providing lifelong learning opportunities, a center for the arts and recreation, and support for regional development.

Accreditation

Northern State University is accredited by the North Central Association of Colleges and Secondary Schools and the National Council for Accreditation of Teacher Education.

It is also accredited by the National Association of Schools of Music, is a member of the Council of Colleges of Arts and Sciences and a member of the American Assembly of Collegiate Schools of Business and the American Council of Learned Societies.

Northern State University is also a member of the American Association of State Colleges and Universities, the American Council on Education and the National Association of Schools of Art and Design.

The Carnegie Commission's rating of the nation's institutions of higher education (according to the scope of their programs) has classified Northern State University as a Master's (comprehensive) Universities and Colleges I institution.

Curricula

Northern State University is a multipurpose, multilevel state institution operating on a semester basis and offering the following programs: 1) Bachelor of Arts degree with majors in the arts, humanities, sciences and social sciences; 2) Bachelor of Science degree with majors in natural and social sciences; 3) Bachelor of Science in Education; 4) Bachelor of Music Education; 5) Master of Science in Education; 6) Master of Science in E-learning; 7) Associate of Arts; and 8) Pre-professional programs.

Services

Providing basic arts and sciences curriculum with professional programs in business, education, fine arts and graduate degrees in education and e-learning, Northern State University offers excellent preparation for nearly every career field for a 21st century globalized work place. Its modest size (around 3,000 students) and a 19:1 student-to-faculty ratio give students access to faculty in and out of the classroom.

The more opportunities a student has to interact with his or her professors, the more the educational experience will be. The faculty shapes academic experience by encouraging, motivating, challenging, explaining and refusing to accept the mediocre.

Northern has one of the best student-to-computer ratios in the nation at 4.1 to 1. Northern's focus on technology means that cutting-edge computers and applications are put to use in all fields of study to produce graduates who not only have a firm knowledge base, but also significant proficiency and creativity in the use of technology in their career fields.

Northern's University College offers students support in academic areas of college life through its math and writing centers as well as other initiatives that help students make a successful transition from high school to college or from the office to the classroom.

NSU serves as the cultural, entertainment and athletic center for the region with its Williams Library providing a center for continuing study enrichment. The university's many galleries and broad range of fine arts performances draw people from the region to the campus and the city of Aberdeen week after week. The Barnett Center and Swisher field host games and tournaments that draw thousands.

Enrollment

Enrollment for the 2004 fall semester at NSU was 2,284.



South Dakota School of Mines and Technology

Rapid City, South Dakota

Mission, Vision, and Goal

The South Dakota School of Mines and Technology serves the people of South Dakota as their technological university. Our mission is to provide a well-rounded education that prepares students for leadership roles in engineering and



science; to advance the state of knowledge and application of this knowledge through research and scholarship; and to benefit the state, region, and nation through collaborative efforts in education and economic development.

The School of Mines is dedicated to being a leader in 21st Century education that reflects a belief in the role of engineers and scientists as crucial to the advancement of society. Our vision is to be recognized as a premiere technological university in the United States.

Location

The School of Mines is located in Rapid City, the second largest city in South Dakota. The city of 60,000 lies between the mysterious South Dakota Badlands and the two million acres of the Black Hills. Both majestic Mount Rushmore and the emerging Crazy Horse Monument are within a 45-minute drive of the campus. Just as they do for millions of tourists every year, Rapid City, the Black Hills, and the Badlands offer year-round recreational activities for students, faculty, and staff.

Majors, Degrees and Academic Programs

Associate of Arts Degree

General Studies

Bachelor of Science Degrees

Chemical Engineering

Chemistry

Civil Engineering

Computer Engineering

Computer Science

Electrical Engineering

Environmental Engineering

Geological Engineering

Geology

Industrial Engineering

Interdisciplinary Sciences

Mathematics

Mechanical Engineering

Metallurgical Engineering

Mining Engineering and

Management

Physics

Master of Science Degrees

Atmospheric Sciences

Chemical Engineering

Civil Engineering

Computer Science

Electrical Engineering

Geology and Geological

Engineering

Materials Engineering and
Science

Mechanical Engineering

Paleontology

Technology Management

Doctor of Philosophy Degrees

Atmospheric and Environmental
Studies

Geology/Geological Engineering

Materials Engineering and Science

Nanoscience and Nanotechnology*

*Pending South Dakota Legislature's approval of the governor's budget

Accreditation



The School of Mines is accredited by the Higher Learning Commission of the North Central Association of Colleges and Secondary Schools, the recognized accrediting agency for the north central states. The curriculum in Chemistry is accredited by the American Chemical Society. All engineering programs with the exception of Environmental Engineering and Mining Engineering and Management, which are new programs, are accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET), a special accreditation body recognized by the Council on Post-Secondary Accreditation and the U.S. Department of Education. The computer science program is accredited by the Computing Accreditation Commission of the Accreditation Board for Engineering and Technology.

Faculty

The School of Mines has more than 100 faculty members and more than 85 percent hold doctorates or other terminal degrees. The student-faculty ratio is 18:1. Faculty members also carry out extensive research, bringing to the classroom the newest technologies and practices used in industry.

Student Life

Students have the opportunity to participate in any of the more than 70 student organizations on campus. Student activities and organizations range from music, drama, professional, cultural, sororities, fraternities, athletics, politics, service, religious, military, professional, and special interest.

Our students have represented the School of Mines at a variety of national events, including the Mini Baja, Mini-Indy, Unmanned Aerial Vehicle, Concrete Canoe, Human Powered Vehicle, Robotics, Computer Programming, Solar Car, and many other competitions. The challenges give students the opportunity to apply classroom theory to real-world engineering and science problems so they are ready to contribute to the workforce when they graduate.



Student Services

Through the Tech Learning Center, the Ivanhoe International Center, Minority Student Study Center, the offices of Multicultural Affairs, Retention and Testing, and Student Affairs, and other efforts, we strive to provide all students with the tutoring, support, and services they need to succeed in college and in life. Our advising and mentoring services are designed to give students a personalized educational experience. Students can work with mentors and advisors to solve the academic and personal problems that can prevent students from graduating.

Research and Development

The School of Mines fosters research to solve problems of industry, the military, government agencies, and to generate economic development. We continue to build on our reputation as a leader in engineering and science education and research. Our professors and researchers are active in pursuing research grants from businesses, federal agencies, and foundations to create new knowledge and bring high-tech benefits to the state and nation. Our staff and faculty make

regular appearances in local, regional, and national media. These strong foundations form the basis of an exciting future for the School of Mines.

More than 50 faculty members and researchers received 93 research awards totaling \$11.9 million during the 2004 fiscal year. The funding came from many different agencies, including the Army Research Laboratory, Air Force Research Laboratory, National Science Foundation, NASA, US Department of Interior, and the State of South Dakota.



Our R&D efforts include:

- Black Hills Natural Sciences Field Station
- Center of Excellence for Advanced Manufacturing and Production
- Institute of Atmospheric Sciences
- Additive Manufacturing Laboratory
- Advanced Materials Processing and Joining Laboratory
- Analytical Characterization and Testing Laboratory

- The Center for Accelerated Applications at the Nanoscale
- Computational Mechanics Laboratory
- Polymer Technology, Processing, and Composites Laboratory
- Ultra-Lightweight Systems Laboratory
- Museum of Geology
- South Dakota Space Grant Consortium

The School of Mines has proposed a Ph.D. in Nanoscience and Nanoengineering to continue advancing our research efforts in the emerging area of nanotechnology. If approved, the new program will bring to campus researchers and graduate students who will direct the progress of nanotechnology research and will, along with the Center for Accelerated Applications at the Nanoscale (CAAN), create economic development opportunities in our state and region. CAAN was created with a \$585,000 grant from Governor Rounds' 2010 Initiative.

Outreach and Community Service

The School of Mines prides itself in being a contributing member of its community. Faculty, staff, and students donate time and money to organizations and charities throughout the area. We have a responsibility to share our expertise, our resources, and ourselves to make this an even better place to live, and we take that responsibility seriously.



We participate in:

Athletic summer camps
 Black Hills Vision
 Engineering and science outreach
 Engineers Week
 E-Week GIRLS
 Hands-on Partnership for Science
 Higher Education Center–West
 River
 Homestake Deep Underground
 Science and Engineering
 Laboratory

Museum of Geology
 NASA Honors Program
 Rapid City Area Chamber of
 Commerce
 Saint Catherine’s Island Sea Turtle
 Program
 Star of the West Speaker Series
 Summer teacher institutes
 Space Days
 The Nature of Things
 Western Research Alliance

We also are actively involved in Native American outreach programs. We established the Scientific Knowledge for Indian Learning and Leadership (SKILL) in 1989 and assisted more than 3,000 students to increase their college preparedness in science and math.

The new NASA Honors Program provides Native American students with the same opportunities to learn and grow as people, students, and as future engineers and scientists. Our Multicultural Committee is designing strategies to recruit and retain more Native American students.

Recognitions

The School of Mines has received numerous national and international recognitions. Faculty are recent recipients of prestigious national awards, some of which include the U.S. Presidential Faculty Fellow Award and election to the National Academy of Engineering.



Students have received Goldwater Scholarships, Air Force Space Scholars, Hewlett-Packard Scholarships, and other prestigious awards. The university received the Boeing Outstanding Educator Award for 2000. The School of Mines also has been recognized as one of America’s 100 Best College Buys for seven consecutive years.



South Dakota State University Brookings, South Dakota

The cultural and physical landscape of South Dakota State University is changing, and changing dramatically. From a student enrollment stretching close to 11,000 to the monumental move to Division I athletics, the University is demonstrating once again that "You can go anywhere from here!"



**SDSU President
Peggy Gordon Miller**

The campus proper is seeing a major makeover with the remodeling and expansion of the Student Union. Originally constructed in 1966, the Union's capacity was designed for an enrollment of 5,000. In the fall of 2005, a student population now more than doubled will discover a dramatically enhanced environment with more dining options, more meeting rooms, a larger ballroom, an expanded bookstore, increased office space for student organizations, and more lounge space. Also taking place on campus is the construction of Caldwell Hall, a suite-style residence hall that will accommodate 300 students. The new home-away-from-home building is u-shaped and reflects an innovative and fairly new technology in its construction. Finished within the past year and now open for business is the South Dakota Enterprise Institute, developed by the SDSU Foundation. The Enterprise Institute, built on the western edge of the SDSU campus, helps SDSU and industry resources by encouraging and assisting new businesses in the region.

On the academic forefront, SDSU is welcoming three new doctoral programs beginning in the fall of 2005. State's doctorates in nursing, geospatial science and engineering, and computational science and statistics engineering are partially inspired by Governor Mike Rounds' 2010 Initiatives-that South Dakota would become a recognized leader in research and technology development by 2010.



SDSU Student Union

Additionally, SDSU has stepped up to the plate with the new Geographic Information Science Center of Excellence. The Center, a new partnership between SDSU and the EROS Data Center (EDC), incorporates the education strengths of SDSU and the EDC, the largest data management, systems development and field center for the geography discipline of the U.S. Geological Survey.

The Jackrabbit Guarantee, a revolutionary student financial aid award, has raised the academic bar of our entering freshmen. Offered to all first-time students who score a 24 or higher on the ACT, the scholarship program guarantees \$4,000 in aid over four years (\$1,000 per year). SDSU was the first university in our region to present this opportunity to incoming students.

History is in the making as the Jackrabbit athletics program moves from the decades-long relationship with Division II to the exhilarating and challenging arena of Division I sports. One element of this undertaking is the development of the new Dakota Marker rivalry with North Dakota State University. The SDSU Jacks swept the trophy in the first exchange at State's Coughlin-Alumni Stadium in October.

The University received the 2004 Pro Patria Award for its outstanding support for SDSU students and employees in the National Guard and the Reserves. The national annual award, given to an individual or company, specifically acknowledges the support and encouragement shown by SDSU to its own who are serving the nation during Operation Iraqi Freedom.

Just the Facts

Founded in 1881, South Dakota State University is the state's only land-grant institution and it continues to lead in student enrollment of all the state's institutions of higher education. Fulfilling its land-grant mission, SDSU advances agriculture and the biological sciences through campus-based research farms and laboratories, 6 bio-diverse experiment stations, 14 interactive technology centers through the state, and Extension specialists and educators in every county. Seventy-six percent of faculty members hold doctorate or terminal degrees, and full-time professors teach over 90 percent of the classes. The student to teacher ratio is 17:1. SDSU has the highest student retention rate in the state.

SDSU is a National Research Doctoral Granting Institution, and ranked as Level III in the "US News & World Report" annual national listing. The University earns more external research funding than any university in South Dakota. The research endeavors include some of the most exciting current work in aviation grade ethanol, renewable fuels, and wind power.

Degrees are offered through eight colleges: Agriculture and Biological Sciences, Arts and Science, Education and Counseling, Engineering, Family and Consumer Sciences, General Studies and Outreach Programs, Nursing, and Pharmacy, as well as the Graduate School. Additionally, the Honors College, operating within the existing university structure, provides highly motivated students with the opportunity to pursue a challenging honors course study as they work toward a degree in any major.

Seventy-five percent of entering freshmen are in the upper half of their high school class and forty-two percent are in the top twenty-five percent. Seventy percent are residents of South Dakota, thirty percent come from fifty states and forty-five international countries.

More than 200 majors, minors and options are available with more than 6,000 course offerings. Master's degrees are offered in more than thirty areas, and doctorates are available in eight fields. The University also offers degree programs through USDSU in Sioux Falls. Evening, DDN, Internet, off-campus courses and classes through the Cooperative Extension Service Learning Centers are available through the Outreach Programs Office.

South Dakota State University is accredited by the North Central Association of Colleges and Secondary Schools. Supplementing classroom instruction are the Harding Distinguished Lecture Series, the F.O. Butler Lectures, Sewrey Colloquium, and the Joseph Nelson, Amdahl, Schultz-Werth, Ethel Austin Martin, and Griffiths endowments. Students also have an extraordinary opportunity for

growth and development in choosing from the nearly 200 clubs and organizations active on campus.

The University reaches all corners of the state through the Cooperative Extension Service and the Agricultural Experiment Station, offering service that seeks to improve the quality of rural life. Also at SDSU are the programs within the Engineering Resource Center: Engineering Extension, Office of Remote Sensing, South Dakota Local Transportation Assistance Program (LTAP), and the South Dakota Space Grant Consortium. Additionally, the Product Development Center, the Water Resources Institute, the Animal Disease Research and Diagnostic Laboratory, and the Northern Grain Insect Research Laboratory units all help strengthen the University's commitment to research in areas of energy and water resources, and support of state and local economic development efforts through agricultural research and information transfer.

Other Campus Facilities

SDSU is also home to the South Dakota Art Museum, the first fully accredited museum in the state to be recognized by the American Association of Museums. SDAM's collections include early masterpieces of Sioux Indian Tribal art, the famed Harvey Dunn paintings of pioneer life, and an extensive collection of Oscar Howe and Paul Goble's American Indian art. The exclusive Vera Way Marghab Linen Collection, the world's largest complete collection, features nearly 3,000 pieces of the exquisite, handstitched linen.

In only two years of operation, the Performing Arts Center's acoustics, its many uses, its flexibility, the number of events it hosts, and the high-caliber performances witnessed by audiences have given the facility a well-deserved reputation. The Performing Arts Center with its state-of-the-art Concert Hall with room for 1,000 and its 280-seat Studio Theatre, has become a bragging right not only of SDSU and Brookings, but, arguably, of the entire region.



Larson Memorial Hall, Performing Arts Center

The State Agricultural Heritage Museum transformed the former Stock Judging Pavilion into a home for exhibits that record and preserve the agrarian heritage of South Dakota. Visitors come from all fifty states and forty-five foreign countries.

Hilton M. Briggs Library, the state's largest, was opened in 1977. Briggs Library is a founding member of the South Dakota Library Network (SDLN), which provides electronic access to the holdings of forty academic, public, school, and special libraries in South Dakota. The SDLN Online Catalog provides bibliographic access to a database of approximately 2.5 million volumes available at the cooperating libraries. Through the network, library users have access to holdings from all ten of the State libraries, including official documents and more than one million other holdings at Briggs.

The seventy-acre McCrory Gardens and South Dakota Arboretum provide a beautiful setting for area residents and tourists to enjoy a stroll through the radiant colors and fragrances of one of the most beautiful small ornamental gardens in the nation. The South Dakota Arboretum's purpose is to test woody plants needed to protect agricultural fields and livestock from the region's harsh environment, to provide hardy trees to shade our towns and cities, and to test ornamental shrubs for both durability and beauty. Both the arboretum and gardens are managed by the SDSU Horticulture, Forestry, Landscape and Parks Department.

The media are well represented at SDSU. South Dakota Public Radio KESD-FM and KSDJ, State's student-run radio station, have studios on campus. Local cable access channel 2 provides SDSU events listings and limited televised course offerings to subscribers. SDSU also has the state's largest circulation weekly newspaper, the student-run Collegian. SDSU also produces "Today's Ag," a nationally syndicated weekly agriculture program; "On Call," a weekly medical program produced in cooperation with the South Dakota Medical Association which airs on SD Public Broadcasting and commercial stations across the state; and "Garden Line," a weekly call-in program which airs on SDPTV.

For more information, please contact University Relations at 605-688-6161, or the Admissions Office at 605-688-6384. Visit the university web site at: www.sdstate.edu





The University of South Dakota.

The University of South Dakota Vermillion, South Dakota

The University of South Dakota is committed to excellence in education, research and service. The University is home to the state's only law and medical schools and the only College of Fine Arts. The institution has a professionally accredited (AACSB) School of Business and the College of Arts and Sciences is a center for liberal arts education. Three of the six Centers of Excellence in South Dakota are located on the U's campus, Ambulatory Medical Student Education,



the W.O. Farber Center for Civic Leadership and the Disaster Mental Health Institute. An icon on campus, the National Music Museum holds and displays one of the finest collections of more than 10,000 rare musical instruments in the world.

Recognized by *U.S. News and World Report* and Princeton Review for its academic excellence and affordable cost, the U offers an outstanding educational experience in the heart of the Midwest. Founded in 1862, the University has a caring and dedicated faculty and staff committed to educational excellence. Students at the U succeed in the classroom and also contribute to South Dakota and the region through public service. In 2002, five students from the U were awarded four of the nation's most prestigious scholarships – Fulbright, Truman, Goldwater and Udall. In 2004, students at The U continued the trend of excellence. Two more Fulbright recipients were named along with one student who earned the Jack Kent Cooke Foundation Graduate Scholarship, another who earned a Truman Scholarship, and one who was a Udall Scholarship runner-up. The University of South Dakota is also a Truman Honor Institution for sustained success in student recipients of Harry S. Truman Scholarships.

University students frequently enjoy success after graduation. Alumni include 13 Rhodes Scholars, all sitting justices of the South Dakota Supreme Court, NBC News anchor Tom Brokaw, 10 South Dakota governors, CBS Sports host Pat O'Brien, USA Today founder Allen Neuharth, political commentator and public television anchor Ken Bode, author Pete Dexter, and many others.

Accreditation

The Higher Learning Commission; Member-North Central Association has accredited The University of South Dakota since 1913. The U offers a broad curriculum in liberal arts and professional programs in six schools and colleges. 109 undergraduate majors are offered at The U and students choose from over 6,000 course offerings each year. Our Graduate School offers Master's degrees in 56 areas and doctorates are available in 12 fields. The U also offers degree programs through USDSU in Sioux Falls. Through its Statewide Educational Services (SWES), the U offers distance learning courses throughout the state, region and nation. The U is the only school in South Dakota to be featured in the new 2005 edition of The Princeton Review annual college guide, the New York-based company known for its test-prep and education services. This is the sixth consecutive year the U has appeared on this prestigious list. Since 1990, it has been tabbed one of the 249 best doctoral universities in the nation, according to U.S. News and World Report's annual college guide, "America's Best Colleges 2005."



The U is also a member of the Association of American Colleges and Universities (AAC&U), the leading national association devoted to strengthening liberal arts education for all students. The U is designated by mission as the liberal arts university of the state, and is the only public institution in the state signing onto the Campaign for the Advancement of Liberal Learning (CALL), a pledge to liberal arts education signed by more than 500 college and university presidents nationwide.

Faculty

The faculty's dedication to teaching leads to collaboration between students and professors at both the undergraduate and graduate levels. This collaboration enables an education that is diverse and challenging. New technology and enhanced methods of teaching bring state-of-the-art knowledge to the University students. Our faculty and university academic programs have received national recognition. The University of South Dakota, including the School of Medicine, has 404 full-time faculty members and 19 part-time faculty. In addition, the U employs 29 adjunct faculty. The U's student-faculty ratio is 15:1 and the institution offers an education that is diverse, challenging and full of opportunities.

Student Services

Since James W. Abbott's appointment as president of The University of South Dakota in July 1997, enrollment has been on the upswing at the U. Total enrollment for the Fall 2004 semester was 8,120, an increase of 2.56% over 2003. Thirty-four percent of those incoming freshmen had ACT scores of 24 or higher, representing a 15% increase. In 2004, 47% of the U's incoming first-year students had ACT scores of 24 or higher—an increase of 57% during the last eleven years.

A large number of faculty members on campus use the Internet in their classes by providing syllabi, creating assignments or providing students resources to complete class work. In January 2001, new computing technology was installed making it possible for students to experience the next generation technology of 'Gigabit Ethernet', the fastest speed internet access available anywhere. The Computer Science Department maintains its own computational facilities, classrooms, student laboratories, and the Computer Science Research Lab. An integrated network of Unix, Linux, and Windows 2000 servers provide a technology-rich environment. We are a long time participant in the Oracle Academic Initiative, the Microsoft Developer Network Academic Alliance, and various academic initiatives with Sun Microsystems. All departmental technology is current, state-of-the-art equipment. Classrooms are wired and the department has its own wireless network. Students are not required to have their own computer, but those who do only need a network card to get connected. At present, the U has about 475 courses with WebCT components that are managed and run by the U's Information Technology Services department. The Princeton Review named The U one of "The Top 25 Most Connected Campuses" for 2004. This is the second year in a row the U has earned this prestigious honor. The U is one of only four schools in the nation to retain that ranking.

The National Institutes of Health has awarded a multimillion-dollar grant to further biomedical research at The University of South Dakota and throughout South Dakota. It is the largest biomedical research grant ever awarded in the state. The five year \$16.1 million grant will help to develop research capacity in the area of cell biology related to the control of cell growth, with a special focus on proteomics and genomics, currently the hottest topics in science. Proteomics is the study of the proteins (and their interactions) from a biological system. Genomics is the identification of the genes, their functions and how they change in a biological system. The grant will also be instrumental in maintaining core research facilities to be used by investigators throughout the state and will allow for increased opportunities in graduate



education in basic biomedical sciences. It is designed to find cures for life-threatening diseases and to keep talented young graduates in the state.

Outside the classroom, university students enjoy a multitude of opportunities. Students participate in more than 100 different organizations such as working on the campus's independent newspaper, *The Volante*, as well as the student-run radio station, KAOR, and television station, KYOT. Others can participate in student government and run for the student senate or student association vice-president and president. Or, they can attend lectures by such prominent individuals as NBC Managing Editor and Anchor Tom Brokaw, NBC's Tim Russert, ABC's George Will who is also a Washington Post columnist, retired General Colin Powell, former President Gerald Ford, former President of Ireland Mary Richardson, Judge Ken Starr and many others.

The First Year Experience (FYE) at the U addresses specific challenges that students face during their first year in college. These challenges may be related to academics, social life, stress, and other factors. In 2001, we initiated a program for first-year students that included Learning Communities, Supplemental Instruction, and New Student Orientation. These programs are designed to engage students in the intellectual culture of the campus and to create a more communal environment, in general. Through the First Year Experience, the U has captivated students in and out of class and has developed an atmosphere that encourages students to engage each other in a more meaningful way, so they can make the most of their college experience. As of 2004, participants in The First Year Experience are earning GPAs that average 10% higher than non-participants.

In 2002, The U began a new era in the way it identifies itself with the introduction of the "U-dot" logo. The logo has proven to be fresh and distinctive, and in 2004, The U unveiled its new marketing campaign, "Extraordinary." The campaign expands upon the "U-dot" logo already in place and highlights the compelling mix of size, diversity in majors, and positive atmosphere The U offers. The campaign also features new ads that include testimonials about the U from students who went on to enjoy great success; most notably, esteemed alumnus and former "NBC Nightly News" anchor Tom Brokaw.



Daycare Facility

The Vucurevich Children's Center strives to provide the highest quality early childhood programs for the children of University students, faculty and staff. Open year-round, the Center serves approximately 100 children per year. The five programs offered include: infant, toddler, preschool, before and after school,

and a school age Summer Camp. Experienced staff, assisted by University students, provides superior experiences that build the foundation for life-long learning.

DakotaDome

The U's multipurpose DakotaDome is a 145,000 square-foot facility featuring an indoor football field, five basketball courts, a 25-meter swimming pool, an eight-lane 200-meter track, and racquetball, volleyball and tennis courts, in addition to a large, newly renovated weight room. The Coyotes provide quality athletics in 18 intercollegiate athletic programs, competing in the NCAA Division II North Central Conference (NCC), which has been regarded as one of the best, most competitive Division II conferences in the nation. Non-varsity students can also become involved in an outstanding intramural program. Students use the DakotaDome to train, work out, and attend classes and more. In 2004, the DakotaDome had a major transformation, making it one of the region's most flexible and fan friendly environments. As a result of a cooperative arrangement with Daktronics Sports Marketing, the Dome was refreshed with new scoreboards and an updated look. Subsequently, USD student athletes, faculty and the public had the opportunity to experience an exciting new winning atmosphere.



During the 2003-4 seasons, numerous Coyote athletes earned prestigious honors for their achievements on and off the field of play. The Coyotes boasted 19 All-NCC performers, 25 Academic All-NCC selections 32 All Americans, the Women's Basketball National Player of the Year, and the NCAA Woman of the Year-State Winner. In addition, Coyote teams captured 3 NCC team titles. With academic matching athletic achievement, five student athletes at

USD received NCAA Postgraduate Scholarships in 2003-04, which was a historic first at the institution. The total of five postgraduate recipients was the second most at any division (Division I, II or III). USD and Stanford had five recipients with only Emory University above at six recipients.

Financial Aid and Scholarships

The student friendly attitude championed by President James W. Abbott extends into the realm of helping students finance their education at the U, already heralded by *U.S. News and World Report* for being one of the best values in the nation. Over 80% of all U students receive some form of financial aid through grants, loans and work-study jobs. The Allen H. Neuharth Scholarship for Excellence in Journalism is the premier scholarship at the U. The scholarship provides in-state tuition, fees, on campus room and board, and a book allowance. It is

given to two students each year with the ability to renew and keep the scholarship at the end of each year. In addition, the U recently enjoyed a successful \$200,000 Presidential Alumni Scholarship Program and National Merit Scholarship increase. The National Merit was enhanced from \$1,500 to covering a student's full cost of attendance at the resident rate and Presidential Alumni covers resident tuition and fees for four years. The Promise Scholarship guarantees an incoming freshman with an ACT score of 24 or above \$1,000 per year and is renewable if the student maintains a 3.2 GPA. Mickelson Level Scholarships, limited to South Dakota residents with ACT composite of 30 or above covers resident tuition, fees, and room and board for four years.

Leadership

President James W. Abbott, the U's first alumnus president, is a dynamic and aggressive leader. Abbott is a lifelong resident of South Dakota. He grew up in Irene and Yankton and has taught, practiced law, and actively managed various businesses. He is the former president and chief executive officer of Zylstra Communications Corporation in Yankton.

With President Abbott's leadership, the U has developed a long-range plan that will improve faculty/staff salaries and address campus-building needs. A new, permanent roof for the DakotaDome was completed in 2001. Renovation and re-naming of the E.O. Lawrence Telecommunications Center was completed in 2003, with the building now known as the Al Neuharth Media Center. The \$2.2 million renovated Belbas Center for student services opened in 2004. Renovation and construction on the Lee Medical School Building has recently begun, and plans for the construction of a new School of Business building, among other projects, are on the horizon.

Among the many agencies that provide critical services to the state include the Business Research Bureau, Governmental Research Bureau, State Data Center, Small Business Development Center, Speech and Hearing Clinic, and Trio Programs.

Overall, The University of South Dakota 'Sets the Standard' with its values of excellence in teaching and learning, advancement of knowledge, public service, freedom of thought and expression, and personal responsibility and development. The U invites you to join our extraordinary team. For more information contact: Admissions at the U, 1-877-COYOTES; or Marketing and University Relations at (605) 677- 5759.