MAJORS FOR
STUDENTS EXPLORING DEGREES IN
HEALTH SCIENCES

Are you interested in the health sciences? Here is a list of available majors at SDBOR institutions.

BLACK HILLS STATE UNIVERSITY
- Exercise Science
- Applied Health Science (Pre-Nursing)
- Pre-Medicine
- Pre-Physical Therapy
- Pre-Occupational Therapy
- Pre-Chiropractic
- Pre-Dentistry
- Pre-Veterinary
- Pre-Optometry
- Pre-Pharmacy

DAKOTA STATE UNIVERSITY
- Exercise Science
- Respiratory Care
- Pre-Accelerated Nursing
- Pre-Allied Health
- Pre-Athletic Training
- Pre-Dentistry
- Pre-Medicine
- Pre-Physical Therapy
- Pre-Optometry
- Pre-Physicians Assistant

NORTHERN STATE UNIVERSITY
- Chiropractic Health Care
- Human Performance and Fitness
- Medical Laboratory Science
- Mortuary Science
- Pre-Athletic Training
- Pre-Nursing

SOUTH DAKOTA SCHOOL OF MINES & TECHNOLOGY
- Pre-Professional Health Sciences

SOUTH DAKOTA STATE UNIVERSITY
- Athletic Training
- Exercise Science
- Food Science
- Health Education
- Medical Laboratory Science
- Nursing
- Nutrition & Dietetics
- Pharmacy
- Pre-Chiropractic
- Pre-Dental
- Pre-Medicine
- Pre-Mortuary
- Pre-Occupational Therapy
- Pre-Optometry
- Pre-Physical Therapy
- Pre-Physician Assistant

THE UNIVERSITY OF SOUTH DAKOTA
- Addiction Studies
- Biology
- Communication Sciences & Disorders
- Chemistry
- Dental Hygiene
- General Studies
- Health Sciences
- Kinesiology and Sport Science
- Medical Biology
- Medical Laboratory Science
- Nursing
- Psychology
- Social Work
- Pre-Medicine
- Pre-Physical Therapy
- Pre-Physician Assistant
- Pre-Occupational Therapy
- Pre-Chiropractic
- Pre-Dentistry
- Pre-Veterinary
- Pre-Optometry
- Pre-Pharmacy
COURSE RECOMMENDATIONS FOR STUDENTS EXPLORING DEGREES IN HEALTH SCIENCES

Reduce the time to graduation by only taking the courses necessary to complete a degree. Below are a few recommended courses for students exploring careers in the health sciences. These are to be viewed as suggestions; other course options compatible with this track are listed on page 3. Consult university advisors at the university you plan to attend for appropriate placement based on test scores, high school preparation & potential major.

ENGL 101—Composition I
ENGL 201—Composition II
CMST 101—Fundamentals of Speech
PSYC 101—General Psychology
HDFS 210—Lifespan Development
OR SOC 100—Introduction to Sociology

ENGL 210—Introduction to Literature
PHIL 220—Introduction to Ethics

MATH 114—College Algebra (or appropriate course based on placement) OR MATH 281/STAT 281—Introduction to Statistics OR MATH 115—Trigonometry OR MATH 120—Precalculus
(MATH 115 & 120 are prerequisites for Calculus I, which is required for some programs in the Health Sciences Track. College Algebra may not be the appropriate option for some programs within this track.)

CHEM 106/L—Chemistry Survey & Lab OR CHEM 112/L—General Chemistry I & Lab
CHEM 107/L—Organic & Biochemistry Survey & Lab
CHEM 108/L—Chemistry Survey II & Lab OR CHEM 114/L—General Chemistry II & Lab
(after completing CHEM 106 or CHEM 112)

Recommended. Inquire whether your institution requires this course for your degree.

These course recommendations fulfill the following general education requirements:

- Written Communication
- Oral Communication
- Social Sciences
- Arts & Humanities
- Mathematics
- Natural Sciences
COURSE OPTIONS FOR
STUDENTS EXPLORING DEGREES IN
HEALTH SCIENCES

Reduce the time to graduation by only taking the courses necessary to complete a degree. Below is a list of possible courses to fulfill general education requirements for students exploring careers in the health sciences.

Consult university advisors at the university you plan to attend for appropriate placement based on test scores, high school preparation & potential major.

Goal #1: Written Communication (Students must take two courses, including ENGL 101)
- ENGL 101—Composition I (If attending SDSMT, only ENGL 101 is needed)
- ENGL 201—Composition II
- ENGL 283—Introduction to Creative Writing

Goal #2: Oral Communication
- CMST 101—Fundamentals of Speech (Course not needed if attending SDSMT)

Goal #3 Social Sciences (Pick 2 courses from two different disciplines.)
- CJUS 201—Introduction to Criminal Justice
- ECON 201—Principles of Microeconomics
- ECON 202—Principles of Macroeconomics
- HDFS 210—Lifespan Development*
- HIST 151—United States History I
- HIST 152—United States History II
*These courses are recommended for Nursing, Dental Hygiene, Health Sciences, Medical Biology, & Social Work majors.

Goal #4: Arts & Humanities (Pick 2 courses from two different disciplines)
- ART 121—Design I 2D
- ARTH 100—Art Appreciation
- ARTH 211—History of World Art I
- ARTH 212—History of World Art II
- ENGL 210—Introduction to Literature
- MCOM 151—Intro to Mass Communications
- PHIL 220—Introduction to Ethics*
- REL 250—World Religions
- GFA 101—Introduction to Fine Arts
- MUS 100—Music Appreciation
- THEA 100—Introduction to Theatre
- THEA 201—Film Appreciation
*This course is required for nursing majors.

Goal #5: Mathematics
- MATH 114—College Algebra (or appropriate math course based on placement)
- MATH 281/STAT 281—Introduction to Statistics
In most cases, it is best for high school students to exhaust the math curriculum at their high school before moving on to Dual Credit math courses.

Goal #6: Natural Sciences (Students will need at least 6 credits)
- BIOL 151/L—General Biology I & Lab
- BIOL 153/L—General Biology II & Lab
- CHEM 106/L—Chemistry Survey & Lab
- CHEM 107/L—Organic & Biochemistry Survey & Lab (after completing CHEM 106/L)
- CHEM 108/L—Chemistry Survey II & Lab (after completing CHEM 106/L)
- CHEM 112/L—General Chemistry I & Lab
- CHEM 114/L—General Chemistry II & Lab (after completing CHEM 112/L)
- PHYS 111/L—Introduction to Physics I & Lab
- PHYS 113/L—Introduction to Physics II & Lab
Consulting university advisors is critical for determining which science sequence will be best for your desired major. Sciences courses should be completed in sequence.
Often, students looking to major in science-based majors are better served by taking lab science courses face-to-face in an actual lab, so dual credit may not be the best option for some students.