

2020-2021 Pre-Med Guide



FIRST YEAR - 1st Semester

Course	SGR/IGR	Credits
MATH 114 College Algebra	SGR5	3
BIOL 151/151L General Biology	SGR6	4
ENGL 101 Composition I	SGR1	3
Major Course: _____		3-4
Major Course: _____		3-4
Semester Credits:		16-18

FIRST YEAR - 2nd Semester

Course	SGR/IGR	Credits
BIOL 153/153L General Biology II	SGR6	4
Additional Math (Choose MATH 104, 115, 121, 123 or 125)		3-5
PSYC 101 Intro to Psychology	SGR3	3
ENGL 201 Composition II	SGR1	3
Major Course: _____		3-4
Semester Credits:		16-18

SECOND YEAR - 1st Semester

Course	SGR/IGR	Credits
CHEM 112/112L General Chemistry II	SGR6	4
Choose a Statistics Course (STAT/MATH 281, PSYC 371, or BIOL 420/420L)		3
A Fine Arts/Humanities Course		3
Major Course: _____		3-4
Semester Credits:		13-14

SECOND YEAR - 2nd Semester

Course	SGR/IGR	Credits
CHEM 114/114L General Chemistry II	SGR6	4
CMST 101 Fundamentals of Speech	SGR2	3
ENGL 210 Intro to Literature	SGR4	3
Major Course: _____		3-4
Major Course: _____		3-4
Semester Credits:		16-18

THIRD YEAR - 1st Semester

Course	SGR/IGR	Credits
SOC 100 Intro to Sociology	SGR5	3
CHEM 326/326L Organic Chem I		4
Major Course: _____		3-4
Major Course: _____		3-4
Semester Credits:		13-15

THIRD YEAR - 2nd Semester

Course	SGR/IGR	Credits
CHEM 328/328L Organic Chem II		4
MICR 230/232L Basic Microbiology		4
Major Course: _____		3-4
Major Course: _____		3-4
Semester Credits:		13-15

FOURTH YEAR - 1st Semester

Course	SGR/IGR	Credits
PHYS 111/111L Intro to Physics I	SGR6	4
BIOC 430 Principles of Biochemistry		3
Major Course: _____		3-4
Semester Credits:		10-11

FOURTH YEAR - 2nd Semester

Course	SGR/IGR	Credits
PHYS 113/113L Intro to Physics II	SGR6	4
Major Course: _____		3-4
Major Course: _____		3-4
Semester Credits:		10-11

Students who intend to pursue a career in medicine must carefully plan their undergraduate programs in order to be sure they meet the requirements for admission to medical school. Many medical schools require the B.A. or B.S. degree for admission, and all consider a degree to be highly desirable (**work closely with your advisor on a Major/Minor plan**). The University of South Dakota Sanford School of Medicine may admit outstanding undergraduates who have completed three years (90 semester hours) of pre-medical coursework and fulfilled all entrance requirements.

Sanford School of Medicine does encourage prospective applicants to complete the B.A. or B.S. degree prior to admission. The pre-medicine program at USD is designed to permit the student to accomplish two simultaneous objectives: (1) fulfill the requirements for a B.A. or B.S. degree within the student's academic major and (2) fulfill the requirements for entrance into the Sanford School of Medicine. The significant science emphasis of the prerequisite courses makes it convenient for the pre-medicine student to choose a major in one of the science disciplines; however, it is entirely possible for the student to fulfill the prerequisite coursework while working on an undergraduate major in a non-science discipline. One scenario would be to pursue a B.S. degree from the College of Arts and Sciences consisting of a combination of a major in a science discipline along with a minor in the social sciences or the humanities. Such a combination would provide the student with an excellent academic foundation upon which to enter medical school at USD or elsewhere. Additional information is available by contacting the Sanford School of Medicine's Medical Student Affairs Office, 605-658-6300 or