Pre-Medicine Requirements

In addition to completing the IS core courses and all other university requirements in humanities, social sciences, and writing/communications, pre-med students will complete the following required (or recommended) courses:

12 Semester Hours of Mathematics/Computer Science Courses, including

Math 123	Calculus I
Math 281	Introduction to Statistics (highly recommended by USD)

30 Semester Hours of Science Courses, including

Biol 151/151L	General Biology I and Lab
Biol 153/153L	General Biology II and Lab
Biol 221/221L	Human Anatomy and Lab
Biol 326/326L	Biomedical Physiology and Lab
Biol 331/331L	Microbiology and Lab (recommended)
Biol 371/371L	Genetics and Lab (recommended)
Chem 112/112L	General Chemistry I and Lab
Chem 114/114L	General Chemistry II and Lab
Chem 326/326L	Organic Chemistry I and Lab
Chem 328/328L	Organic Chemistry II and Lab
Chem 464	Biochemistry I (highly recommended by USD)
Phys 111/111L	Introduction to Physics I and Lab **AND** (If two semesters of lab are required)
Phys 113/113L	Introduction to Physics II and Lab
	OR
Phys 211	University Physics I **AND**
Phys 213/213L	University Physics II and Lab

Note: All IS specializations require a minimum of 12 semester hours in the natural sciences at the upper division.

An Additional 18 Semester Hours of Math, Computer Science, or Science

Other upper division biology/chemistry courses as appropriate. Upper division biology and other science courses from BHSU, USD, or SDSU may also be appropriate.

<u>Recommended Support Courses</u>

Psyc 101	General Psychology (required by USD)
Psyc 321	Human Development: Lifespan (required by USD)
Psyc 451	Psychology of Abnormal Behavior (required by USD)
Soc 100	Introduction to Sociology

Students are encouraged to consult the admissions requirements of medical school programs to determine which elective courses will be most useful. Information on the MCAT, required for admission to medical school, can be obtained at http://www.aamc.org/students/applying/mcat/.

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