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.

Recommended Support Courses
- 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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