

Medical School Admissions

Requirements/Recommendations

The following information may assist you in preparing for eventual application to medical school. Take this information to your academic advisor while planning your course of study. Some choices will vary depending on your major. If you have questions, feel free to call the Office of Pre-Professional Advising.

Two semesters of lecture and laboratory of each of the following sciences are generally required:

- General Chemistry
- Organic Chemistry
- General Biology
- General Physics
- Some schools will not accept AP exemption in these courses without upper level coursework in the specific areas.
- Some schools have additional requirements.
- Check the *Medical School Admissions Requirements* for each school's requirements.

A typical program of study to meet the science requirements at USC might be as follows

| | FALL | SPRING |
|--------|--|--|
| YEAR 1 | Chemistry 111 + 111L Biology 101 + 101L Sociology 101 or Psychology 101 | Chemistry 112 + 112L Biology 102 + 102L |
| YEAR 2 | Chemistry 333 + 331L or 333L (for chem majors) Sociology 101 or Psychology 101 | Chemistry 334 + 332L or 334L (for chem majors) Cell + Molecular Biology 302 (take along side Chem 334) |
| YEAR 3 | Physics 201 + 201L Or 211 + 211L (chem majors only)* Biochemistry: BIOL 541 OR BIOL 545 + BIOL 546 (BIOL 302 MUST be taken in preparation for these courses) | Physics 202 + 202L Or 212 + 212L (chem majors only)* |

Sociology, psychology, and biochemistry have been added to prepare students for the 2015 MCAT

*If you take the 211/212 series, it is important that you study the entire 201/202 series text while preparing for the MCAT. Physics 201/202 covers more breadth of information, all of which is tested on the MCAT. Some topics usually not covered in Physics 211/212 include thermo-dynamics, relativity, and those relating to modern physics such as x-rays and quantum theory.

The following is a list of other recommended biology courses for pre-med students. Non-biology majors should take some upper level BIOL courses in addition to the medical school requirements listed above.

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| Human Anatomy/Physiology BIOL 243 +244 | Comparative Vertebrate Anatomy BIOL 415 |
| Histology BIOL 530 | Computer Science CSCE 102 or higher |
| Immunobiology BIOL 620 | Physiology BIOL 460 *(Highly recommended for MCAT) |
| Medical Terminology CLAS 230 | Developmental Biology BIOL 505 |
| Bacteriology BIOL 550 | Statistics STAT 201 and/or 515 |
| Health Psychology PSYC 465 | Medical Ethics PHIL 312 |
| Medical Spanish FORL 501 | Genetics BIOL 303 |

