

CHECKLIST FOR BIOLOGY MAJORS WITH PRE-MEDICINE EMPHASIS

Biology Major for Pre-Medicine:

- ___ Biology 1110, 1111
- ___ Biology 1120, 1121 (Beginning Fall 2011)
- ___ Biology 3050, 3051 (Microbial Diversity)
- ___ Biology 3060, 3061 (Animal Diversity)
- ___ Biology 3070, 3071 (Plant Diversity)
- ___ Biology 4080, 4081 (Ecology)
- ___ Biology 3130, 3131 (Genetics)
- ___ Biology 4440, 4441 (Cell & Molecular Biology)
- ___ Biology 4110, 4111 (Animal Physiology)
- ___ Biology (3000-4999 Elective, 4 hours) – recommended: Biotechnology (Biol 4450) or Developmental Biology (Biol 4200 - redesigned course beginning Fall 2011)
- ___ Math 1730 (Precalculus; co-required for Chem 1110)
- ___ Chemistry 1110, 1111
- ___ Chemistry 1120, 1121

Principles of Biology

General Chemistry

Other science courses required for Pre-Medicine:

- ___ Chemistry 3510, 3511
- ___ Chemistry 3520, 3521
- ___ Physics (2010, 2011) or (2110,2111)
- ___ Physics (2020, 2021) or (2120,2121)

Organic Chemistry

Additional Math Requirement:

- ___ Math 1910 (Calculus I; required if you opt for University Physics 2110 & 2120)
- ___ Math 1530 Statistics or Math 1920 Calculus II

Core Curriculum:

- ___ complete the core curriculum for B.S. degrees.

Pre-Medical Students should check specific entry requirements of the medical schools to which they plan to apply.

Outside the Classroom Experiences:

- ___ Extracurricular Activities are encouraged to demonstrate leadership and multitasking abilities.
- ___ Work and Research Experience are encouraged to demonstrate first hand knowledge of and commitment to the field of medicine.

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Pre-Medical Students, regardless of major, should be advised at least once a year by Dr. Ron Robertson, Pre-Medical advisor for APSU (robertsonr@apsu.edu) and make themselves knowledgeable about preparing for and applying to medical schools by checking the information at www.apsu.edu/robertson/premed/premedadvisement.htm .

The Medical College Admission Test (MCAT) is required by Medical Schools and is typically taken at the end of your junior year. One should not take the MCAT without being well prepared. No one gets accepted to medical school with poor MCAT scores even if they have a very high GPA. You may get more information about the MCAT at the following website. <http://www.aamc.org/students/mcat/start.htm>