Science course prerequisites for the MCAT (for pre-MEDICAL students)

The PreMedical and PreDental Advising Office: http://premed.umbc.edu -- Students should reference the pre-medical admissions prerequisite sheet to supplement this MCAT-science pathway/requisite sheet. http://premed.umbc.edu/required-prerequisite-courses/
Undergraduate Catalog: http://catalog.umbc.edu
Schedule of Classes: http://registrar.umbc.edu/

Indicates a Pre-requisite:
Indicates a Co-requisite:

MATH 150, MATH 151, or MATH 155
BIOL 141 and BIOL 142
BIOL 302 (plus pre-req of CHEM 102 Lab) → BIOL 300 Lab
BIOL 303
CHEM 437 (for Biochemistry majors, offered Fall only)
or CHEM 430 (for Biology majors).

Math 106, 150, 151, or 155
CHEM 101 → CHEM 102
CHEM 102 Lab → CHEM 351 Lab → CHEM 352 Lab

Reference the pre-med admissions requisite sheet for more information about suggested biology lab courses. http://premed.umbc.edu/required-prerequisite-courses/

Social science and statistics content tested on the MCAT includes application of concepts from introductory-level courses in psychology, sociology, and statistics.

Suggestions include:
Psychology, PSYC 100
Introduction to Sociology, SOCY 101
Introduction to Statistics for the Social Sciences, STAT 121, or Statistics with Applications in the Biological Sciences, STAT 350

After 2 semesters (@ 8-10 hours per week) of studying for the MCAT, if you are scoring well on your practice exams, take the MCAT. Caution! Practice exam scores are typically falsely higher than actual (real) MCAT test scores. Check out the office website for more information about the application process, http://premed.umbc.edu/home/preparation-for-admission-to-medical-school/.

UMBC’s pre-health committee requires that all UMBC allopathic and osteopathic medical school applicants take the MCAT (once) before the end of April that precedes the summer during which applicants submit their AMCAS or AAMC centralized applications. This UMBC-specific requirement is congruent with AAMC’s recommendations for MCAT timing. Students are responsible for knowing all UMBC and AAMC MCAT deadlines and MCAT exam dates. For information on UMBC’s pre-health committee and their minimum requirements, visit http://premed.umbc.edu/home/preparation-for-admission-to-medical-school/umbc-s-health-professions-evaluation-committee-minimum-requirements/.

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