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
(Biology major's laboratory course)
Biostatistics
CHEM 101
CHEM 102
CHEM 102 Lab
MATH 106, 150, 151, or 155

BIOL 302 [plus pre-req of CHEM 102 Lab]
CHEM 351
Chemistry majors, offered in Spring only
CHEM 351 Lab
CHEM 352 Lab
CHEM 352
CHEM 437 (for Biotechnology majors, offered Fall only)
CHEM 438 (for Biology majors)

BIOL 303
BIOL 430 (for Biology majors)

PHYS 111
PHYS 112

Sr 19 Fall
Sr 20 Fall
Sr 21 Fall

Sr 19 Fall
Sr 20
Sr 21

FALL 18
FALL 20
FALL 21

2 semesters of MCAT study

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 the April that precedes the summer during which applicants submit their AMCAS or ACOMAS 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/umbsc-health-professions-evaluation-committee-minimum-requirements/.