

Pre-Medicine

ADVISOR: Brian Gentry (physics)

Medical schools (both MD- and DO-awarding) seek broadly educated applicants who have a solid foundation in the natural sciences, strong analytical and communication skills, and extensive experience in the health professions in the form of employment, volunteer work, and/or internships. The following courses are academic requirements for admission to most medical schools due to the schools' requirement to take the Medical College Admission Test (MCAT). Most of the topics covered on this test are found in the following courses: BIOL 220 and BIOL 236; CHEM 101 and CHEM 102 or CHEM 105 and CHEM 214; CHEM 221 and CHEM 222; CHEM/BIOL 351; PHYS 151 and PHYS 152 or PHYS 201 and PHYS 202 (all but CHEM/BIOL 351, including laboratories); PSY 141; an introductory SOC course; and either STAT 140 or 251 or PSYC 208. In addition, most schools require or strongly recommend some college-level mathematics (typically MATH 140, or, in a few cases, MATH 241), and pre-calculus or calculus is required for PHYS 151 and PHYS 152, or PHYS 201 and PHYS 202, respectively. A few medical schools require computer science, as well as one or two semesters of English. First-year students who wish to enter medical school in the fall following graduation from Hollins are strongly encouraged to enroll in either biology or chemistry and mathematics during their first semester. Students should consult the Medical School Admissions Requirements (published by the Association of American Medical Colleges) for the requirements and recommendations of specific medical schools, as well as contact Professor Gentry for advising.