

PRE-MEDICAL AND PRE-HEALTH

Requirements

Program Requirements across the University

Students focused on entering a health profession program such as medicine, dentistry, veterinary medicine, nursing, or other health professional schools will need to complete majors-level science coursework and labs. The courses listed below constitute the minimum requirements for an application to most health profession programs, regardless of major:

- One year of general biology with lab (at LC: NSCI 1403 and NSCI 1404, and NSCI 1413 and NSCI 1414; at RH: BISC 1403 and BISC 1404, and BISC 1413 and BISC 1414)
- One year of general chemistry with lab (at LC: NSCI 1321 and NSCI 1322, and NSCI 1331 and NSCI 1332; at RH: CHEM 1311, CHEM 1321 and CHEM 1312, CHEM 1322, and CHEM 1331 and CHEM 1332)
- One year of organic chemistry with lab (at LC: NSCI 3121 and NSCI 3122, and NSCI 3821 and NSCI 3822; at RH: CHEM 2511, CHEM 2521 and CHEM 2512, CHEM 2522, and CHEM 2541 and CHEM 2542)
- One year of physics with labs:
 - at LC: NSCI 1501 and NSCI 1502, and NSCI 1511 and NSCI 1512
 - at RH, students are required to take PHYS 1511 and PHYS 1512 with one of the following three options:
 - PHYS 1501 and PHYS 1503, and PHYS 1502 and PHYS 1504
 - PHYS 1601 and PHYS 1603, and PHYS 1602 and PHYS 1604
 - PHYS 1701 and PHYS 1703, and PHYS 1702 and PHYS 1704
- One year of English (satisfied by core requirements)
- One course in mathematics (MATH 1203 or MATH 1206)

Students planning on completing additional coursework in the sciences should note that the biology and general chemistry foundation courses, plus all applicable labs (all listed above), must be successfully completed prior to enrollment in all upper-division biology courses.

In addition, students applying to medical school are required to take the following coursework to meet the required competencies:

- One semester of biochemistry (BISC 3521 or NSCI 4153)
- One semester of psychology (PSYC 1200)
- One semester of sociology (SOCI 1100)
- One semester of statistics (MATH 1205 or SOCI 2606 or ECON 2140 or PSYC 2000)

All pre-health students, no matter what their primary fields of study, should master the major concepts and skills of science and mathematics,

and are generally advised to take additional upper-level science coursework to help prepare for standardized entrance exams. Subtle variations in this coursework may be necessary for application to programs specific to each discipline.

Students planning to apply to a health professional school are advised to take the appropriate standardized admissions test—MCAT, DAT, OAT, or GRE—in the spring or early summer of the application year at the latest.

For more information, visit the following college web pages:

Fordham College at Lincoln Center
 Fordham College at Rose Hill
 Professional and Continuing Studies