

Pre-Health Sciences

ADVISOR: Suzanne Allison (biology)

As the allied health industry has grown in the past few decades, students now have many choices for a career in the health sciences professions besides seeking their M.D., including dentistry, occupational therapy, optometry, pharmacy, midwifery, genetic counseling, physical therapy, and physician's assistant. Hollins offers individualized advising to help navigate preparation for today's rapidly changing health professions. The requirements for each professional program can be fulfilled within multiple Hollins' majors but as program requirements differ, close attention to course selection and extracurricular activities is needed. Please contact Professor Allison for more information on advising and suggested courses for the desired professional program.

Pre-Law

ADVISOR: Edward A. Lynch (political science; chair, global politics and societies)

Every major is a pre-law major. Law schools seek students with strong liberal arts backgrounds, reflecting quality academic performance and professional maturity. There is no set pattern of courses for a pre-law student, but courses that generally emphasize critical thinking, research, and writing are useful. Exploring courses that provide a foundational understanding of the law and legal systems – even if outside a major course of study – are recommended.

There are many fields of legal practice, ways to be an advocate, and uses for a law degree. Law schools do not expect you to know what kind of law you want to practice before you matriculate; however, some academic experience is highly valued in particular legal fields. Specifically, students interested in pursuing intellectual property or environmental law typically hold a degree in a scientific or mathematical discipline, and students interested in pursuing public interest or international legal advocacy are strongly encouraged to develop and maintain language skills beyond the intermediate level. Relevant leadership, research, internship, and professional experiences - during J-Term and beyond - are also critical components of a law school application. Please contact Dr. Lynch for more information on advising.

Pre-Medicine

ADVISOR: Suzanne Allison (biology)

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 Allison for advising.

Pre-Nursing

ADVISOR: Suzanne Allison (biology)

Articulation agreements have been established with Radford University Carilion (RUC) in Roanoke, Virginia, and Eleanor Wade Custer School of Nursing (EWCSON) at Shenandoah University for Hollins students seeking career opportunities in the field of nursing. Each year, RUC and Shenandoah will grant priority admission to a maximum of six qualified Hollins students into the Accelerated Bachelor of Science in Nursing (B.S.N.) program. At RUC, three spaces for admission in the fall cohort and three for admission in the spring are reserved. At Shenandoah, three spaces each are reserved at the Winchester and Leesburg campuses each year.

Requirements for each program are as follows.

RUC Accelerated Bachelor of Science in Nursing

Hollins students with a grade point average of at least 3.2, who have completed their baccalaureate degree (in any field), and completed the following prerequisite courses (each with a grade of “C” or above) are eligible to apply:

- BIOL 220/220L, BIOL 260, and BIOL 312/312L
- CHEM 101/101L and 102/102L or CHEM 105/105L
- PHIL 253 (preferred), PHIL 252
- PSY 141 and PSY 144 or PSY 204
- STAT 140, STAT 251, or PSY 208

In addition to the courses listed above, one course in nutrition must be completed prior to enrollment at RUC.

Required course work for the Accelerated B.S.N. program will be completed at RUC over four terms (fall, spring, summer, fall) after confirmation of the Hollins baccalaureate degree. The annual application deadlines for priority admission can be found at <https://www.radford.edu/content/wchs/home/ruc-nursing-accelerated.html>.

EWCSON at Shenandoah University Accelerated Second Degree BSN

Hollins students with a grade point average of at least 3.0, who have completed their baccalaureate degree (in any field), and completed the following prerequisite courses (each with a grade of “C” or above) are eligible to apply:

- BIOL 220/220L, BIOL 260, and BIOL 312/312L
- CHEM 101/101L or CHEM 102/102L or CHEM 105/105L or CHEM 221/221L or CHEM 351/351L
- PSY 141 or SOC 110
- PSY 144
- STAT 140, STAT 251, or PSY 208

In addition to the courses listed above, one course in nutrition must be completed prior to enrollment at EWCSON.

Required course work for the Accelerated Second Degree B.S.N. program at both campuses will be completed at EWCSON over four continuous terms after confirmation of the Hollins baccalaureate degree. The Leesburg campus allows both fall and spring admissions. The annual application deadlines for priority admission can be found at <https://www.su.edu/nursing/>.

Pre-Veterinary

ADVISORS: faculty in biology department

Requirements for admission to veterinary school can vary from program to program. The following courses correspond to the academic requirements for admission to most veterinary schools: 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 include laboratories). In addition, some schools require one or two semesters of mathematics (usually MATH 140 and MATH 241); some require STAT 140 and two semesters of English. Nearly all recommend additional courses (and laboratories) in biology, including microbiology (BIOL 312), genetics (BIOL 314), and comparative vertebrate anatomy (BIOL 315). First-year students who wish to enter veterinary school in the fall following graduation from Hollins are strongly encouraged to enroll in biology (BIOL/ES 207/207L) and either chemistry or mathematics during their first semester. Students should consult the Veterinary Medical School Admissions Requirements (published by the Association of American Veterinary Medical Colleges) for the requirements and recommendations of specific veterinary schools.