

# PRE-HEALTH PROFESSIONS PROGRAMS

Phone: 718.489.5495

The pre-health professions programs prepare students to pursue further studies in professional schools for medicine, dentistry, podiatry, optometry and veterinary medicine as well as allied health programs including medical technology, radiologic sciences, physician assistant, and diagnostic medical imaging. They also prepare students for entry into master's-level programs in occupational therapy, physical therapy, and midwifery. The major (degree) depends on the specific program selected (see catalogue descriptions).

The pre-health professions' office assists students to prepare for these various health related careers by providing information and assistance on requirements, the application process, open house, days, and other kinds of relevant information.

St. Francis College offers several programs in cooperation with medical centers in New York.

Further specific information is available as listed below:

- Pre-Podiatry (<https://catalog.sfc.edu/catalogue/programs/health-science-leadership/biomedical-science-podiatric-medicine-bs/>)
- Radiologic Sciences (<https://catalog.sfc.edu/catalogue/programs/health-science-leadership/radiologic-sciences-bs/#text>)

## Requirements for Medical, Dentistry, Optometry and Veterinary Schools

Students are advised that these programs do not require them to major in Biology or Chemistry, but do require the successful completion of certain science and mathematics courses in sequence. Moreover, this sequence often must be completed prior to standardized entrance exams (e.g., MCAT or DAT) or application to specific programs. For this reason, students should begin the required courses in the freshman year and follow the sequence carefully.

Regardless of academic major, most health professions schools require:

Code	Title	Hours
Any ENG course 2100 or higher		
BIO-1201	General Biology 1	3
BIO-1201L	General Biology 1 Laboratory	2
BIO-1202	General Biology 2	3
BIO-1202L	General Biology 2 Laboratory	2
CHE-1201	General Chemistry I	4
CHE-1201L	General Chemistry I Lab	1
CHE-1202	General Chemistry II	4
CHE-1202L	General Chemistry II Lab	1
CHE-2101	Organic Chemistry I	4
CHE-2101L	Organic Chemistry I Laboratory	1
CHE-2102	Organic Chemistry II	4
CHE-2102L	Organic Chemistry II Laboratory	1
CHE-3001	Biochemistry	3
CHE-3001L	Biochemistry Laboratory	1

MAT-2202	Calculus I	4
MAT-2301	Statistics	3
PHY-2001	General Physics I	3
PHY-2001L	General Physics I Laboratory	1
PHY-2002	General Physics II	3
PHY-2002L	General Physics II Laboratory	1
WRI-1100	Writing and Research	3

**Total Hours** 52

The College strongly recommends that students interested in medicine or dentistry take at least three of the following courses:

Code	Title	Hours
BIO-2206	Histology	4
BIO-2250	Introduction to Cell Biology	3
BIO-2250L	Introduction to Cell Biology Laboratory	1
BIO-3300	Microbiology	3
BIO-3300L	Microbiology Laboratory	1
BIO-3303	Genetics	3
BIO-3303L	Genetics Laboratory	1
BIO-3320	Molecular Biology	3
BIO-3320L	Molecular Biology Laboratory	1
BIO-3350	Physiology	4

**Total Hours** 24

Students should be aware that Advanced Placement courses from high school may not satisfy the science requirements for some advanced programs (consult the specific school's catalogue). While courses may be designated as required or recommended, students planning to enter highly competitive fields should take as many highly recommended courses as possible.

It is recommended for students who are interested in a career in the medical field and planning to take the MCAT exam to take PSY-1100 General Psychology and HS-1501 Introduction to Public Health.

Finally, understanding that the pre-health professions programs are highly competitive, students are advised to plan alternative pathways. For instance, one's grades may not meet the standards, one may discover new career interests, or priorities may change. Planning an alternate route to further study or career may help direct the student's undergraduate work.

## Advisement

As soon as possible upon admission to the College, interested students should consult the Office for Pre-Health Professions Program regarding an appropriate major. All students must declare a suitable major by the end of the fourth semester at the College. To be eligible for some forms of financial aid, transfer students may need to declare an academic major immediately. These students should nonetheless consult with an academic advisor before selecting their major.

Students should begin taking the required programs in the first year of college, especially those interested in one of the affiliated programs. Current information about requirements may be found in the most recent catalogue and supplement, from the Office for Pre-Health Professions Programs, and from affiliated institutions.

It is important to note that acceptance to the College does not constitute formal admission into any of the majors offered by the College. Further, acceptance into any of these pre-health professions programs does not automatically guarantee placement in the clinical facilities of the professional phase of the program. Continued registration in these programs will require a minimum quality-point index, participation in colloquia and other presentations by the program, regular consultation with academic advisors, and participation in volunteer activity leading to familiarity with the health field.