

BIOMEDICAL SCIENCE (PODIATRIC MEDICINE) B.S.

In cooperation with the New York College of Podiatric Medicine, the department has an accelerated Biomedical Science program, which enables highly qualified students to complete a science-studies curriculum in three years and then make application to the New York College of Podiatric Medicine. Upon completion of the first year of study at the New York College of Podiatric Medicine, the student is awarded a B.S. in Biomedical Science from St. Francis College. Then, after completing four years of study at the New York College of Podiatric Medicine, the student is awarded the degree of Doctor of Podiatric Medicine (D.P.M.) from the College of Podiatric Medicine. This curriculum can be completed in seven rather than eight years.

Requirements

Code	Title	Hours
General Education Program		
Writing (WR)		3
Quantitative Literacy (QR)		3-4
Oral Communications (OC)		3
Fitness/Health (FH)		2-3
Information, Technology & Media Literacy (ITML)		3
Religious Studies (RS)		3
Freshman Seminar (FS)		1
Humanistic & Creative Expression (HCE)		6
Natural & Physical World (NPW)		6-10
CHE-1201	General Chemistry I	
CHE-1202	General Chemistry II	
Philosophical, Ethical & Moral Dimensions (PEM)		6
Environment & Human Experience (SEH)		6
World Heritage & Global Perspectives (WHG)		6
Biomedical Science Major		
BIO-1201	General Biology I	5
BIO-1202	General Biology II	5
BIO-2250	Introduction to Cell Biology	4
BIO-3303	Genetics	4
BIO-3320	Molecular Biology	4
CHE-2101	Organic Chemistry I	5
CHE-2102	Organic Chemistry II	5
CHE-3001	Biochemistry	4
MAT-2202	Calculus I	4
MAT-2301	Statistics	3
PHY-2001	General Physics I	4
PHY-2002	General Physics II	4
Cooperative Training Program through New York College of Podiatric Medicine		33
Total Hours		132-138

The General Education Program is the academic cornerstone of St. Francis College and affirms its mission to graduate educated, well-rounded students to enter and participate in a changing and culturally diverse world.

As an integrated program of studies, it focuses on developing the skills expected of a liberally educated person. It provides students with a broadly-based foundation outside their areas of specialization, an understanding of how various disciplines intersect and differ, and assists in cultivating a disposition for lifelong learning.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (18 credits)

To ensure refinement of basic reasoning and cognitive skills needed for successful completion of any college degree program, the general education program requires 18 credits in foundational courses targeting student learning outcomes (SLOs) in writing; quantitative reasoning; oral communications; information, technology, and media literacy; fitness or health; religious studies; and the Freshman Seminar. Each student is required to successfully complete one course in each of the areas of the First Year College.

Bodies of Knowledge (30 credits)

A selection of 30 credits in broad areas of inquiry, designated as Bodies of Knowledge, allow students the flexibility to gain breadth and depth in a field outside of a major. Each student is required to successfully complete two different courses in each of the five Bodies of Knowledge.