

# 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
<b>General Education Program</b>		
	Understanding College (FS)	1
	Writing and Presentation (WR11 & OC1)	6
	Mathematics (QR1)	3-4
	Information Literacy, Media, and Research (ITML)	3
	Creative Voices across Cultures(HCE)	6
	Science at Work (NPW)	6-10
CHE-1201	General Chemistry I	
CHE-1202	General Chemistry II	
	Ethics, Reality and Logic (PEM)	6
	Individual and Societies (SEH)	6
	Our World, Past and Present (WHG)	6
	Personal Wellness (FH)	2-3
	Religion and Culture (RS)	3
<b>Biomedical Science Major</b>		
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
BIO-2250	Introduction to Cell Biology	3
BIO-2250L	Introduction to Cell Biology Laboratory	1
BIO-3303	Genetics	3
BIO-3303L	Genetics Laboratory	1
BIO-3320	Molecular Biology	3
BIO-3320L	Molecular Biology Laboratory	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
Cooperative Training Program through New York College of Podiatric Medicine		33
<b>Total Hours</b>		<b>132-138</b>

In keeping with our mission at St. Francis College, the courses you take across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

## 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 (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

## Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.