

BIOMEDICAL SCIENCES (MS)

The PCOM Graduate Program in Biomedical Sciences provides an opportunity for students with baccalaureate degrees to study the biomedical sciences as preparation for science careers or further graduate or professional study. All students enter the program as candidates for the master of science degree. The program presents a broad content base in the basic biomedical sciences with a strong emphasis on human medicine and clinical applications during the first academic year, followed by a concentration in the second year.

Degree completion concentrations are offered in several topics at PCOM's campuses, as described later in this catalog. All first year courses are required for the degree, Master of Science in Biomedical Sciences, or for the certificate of graduate studies for students who choose not to pursue the master's degree. Students who pursue the master's must declare their concentration by the end of their first year.

Course	Title	Hours
First Year		
Term 1		
BIOM 550G	Research Survey Seminar	0
BIOM 559G	Biostatistics	2
BIOM 562G	Biomedical Anatomy	5
Hours		7
Term 2		
BIOM 550G	Research Survey Seminar	0
BIOM 554G	Neuroscience	3
BIOM 558G	Biochemistry, Cell, & Molecular Biology	5
BIOM 549G	Scientific Communication Skills	2
Hours		10
Term 3		
BIOM 557G or BIOM 567G	Micro Anatomy and Embryology or Honors Micro Anatomy and Embryology	4
BIOM 563G	Biomedical Physiology	5
BIOM 618G	Epidemiology	1
BIOM 553G	Basic Concepts Biomedical Model	2
Hours		12
Total Hours		29