

GENERAL STUDIES CAPSTONE CONCENTRATION

BIOM 625G	Current Challenges in Infectious Diseases	3
BIOM 628G	Topics in Global Health	3
BIOM 629G	Advanced Gastrointestinal and Endocrine Physiology	3

Not all electives are offered every year

Total Credits for completion of General Studies concentration = 24 credits

Biomedical Sciences– General Studies Capstone concentration

This concentration's upper-level curriculum involves seminars and the composition and presentation of an original manuscript supervised by members of the PCOM faculty on the Georgia (Suwanee) campus location. The curriculum consists of Required and Elective credits, with a total of 24 credits required. Students will be exposed to diverse, relevant, cutting-edge topical areas in biomedical sciences including genetics, microbiology, physiology, pharmacology, virology, neuroscience, and nutritional biochemistry. Courses are offered at the Georgia (Suwanee) campus location.

Upon completion of the General Studies concentration curriculum, the student is expected to be able to:

- Demonstrate an understanding of specific coursework topical information and research methodology.
- Demonstrate competency in the following skills:
 - Development of research design.
 - Approaches to quantitation of results.
 - Written and oral presentation of research.
- Apply their knowledge and skills toward:
 - Entry into/progression through a variety of industrial fields.
 - Entry into/progression through careers in teaching multiple academic levels.
 - Continuation in a variety of advanced graduate and professional studies.

2nd Year Requirements General Studies Capstone

Code	Title	Hours
Four Required Courses		
BIOM 606G	Analytical Reading, Molecular Reading	1
BIOM 612G	Historical Development of Current Themes in Biomedical Research	1
One of the Following		
BIOM 607G	Independent Study/Scientific Composition	4
or BIOM 612G	Historical Development of Current Themes in Biomedical Research	
Total Required Credits = 6		
Elective Courses - Choose Six of these 3 credit courses		
BIOM 601M	Introduction to Pathology	3
BIOM 603G	Concepts in Pharmacology Toxicology	3
BIOM 604G	Nutritional Biochemistry	3
BIOM 610G	Medical Immunology	3
BIOM 611G	Medical Microbiology	3
BIOM 613G	Molecular Genetics	3
BIOM 614G	Developmental Neuroscience	3
BIOM 615G	Biomedical Bases of Medicine	3
BIOM 617G	Human Virology Biology	3
BIOM 620G	Human Viruses Vaccines and Infectious Diseases	3
BIOM 621G	Computational Neuroscience	3
BIOM 622G	Advanced Cardio Pulmonary Renal Physiology	3
BIOM 624G	Embryological Basis of Disease	3