

Physiology (Special Master's Program), MS

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The one-year M.S. in Physiology program is tailored to college graduates who wish to strengthen their credentials for application to U.S. medical schools. Faculty provide lifetime advising and are invested in providing training, resources, and personalized career strategies to help students reach their goals.

The majority of the curriculum consists of medical courses, mirroring the Georgetown University School of Medicine new medical curriculum. Students learn alongside Georgetown M-1 medical students, receiving the same exams and grading structure. Complementing the medical coursework are graduate courses in an active learning format, allowing students to hone their academic skills before entering medical school and to broaden their understanding of biomedical subjects.

Plan of Study

Program Requirements

The Special Master's Program in Physiology is offered on main campus and at the downtown campus. Students on main campus must complete 31 credits to graduate while students at the downtown campus are required to complete 32 credits.

Sample curricula are listed below.

Main Campus

Course	Title	Credits
Fall		
IBMS 6501	Med Molecular & Cell Physio	3
IBMS 6502	Med Mol Biology & Metabolism	2
IBMS 6503	Med Embryo & Intro Anatom Sci	2
PBIO 6574	Principles of Physiology	2
PBIO 6602	Biomedical Career Pathways	1
IBMS 6504	Med Intro to Pathology & Pharm	2
PBIO 6542	Principles of Gross Anatomy	1
PBIO 6561	Human Nutrition & Health	2
Credits		15
Spring		
IBMS 6506	Med Cardiovascular Biology	3
IBMS 6507	Med Respiratory & Renal Bio	3
PBIO 6568	Adv Physiology/Pathophysiology	2
PHAR 7800	SMP Grad Pharmacology	2
IBMS 6508	Med Gastrointestinal Biology	3
IBMS 6509	Med Endo & Reproductive Bio	3
Credits		16
Total Credits		31

Downtown Campus

Course	Title	Credits
Fall		
IBMS 6501	Med Molecular & Cell Physio	3
IBMS 6502	Med Mol Biology & Metabolism	2
IBMS 6503	Med Embryo & Intro Anatom Sci	2
PBIO 6507	Biomed Career Explorations	1
PBIO 6574	Principles of Physiology	2
IBMS 6504	Med Intro to Pathology & Pharm	2
PBIO 6542	Principles of Gross Anatomy	1
PBIO 6561	Human Nutrition & Health	2
Credits		15
Spring		
IBMS 6506	Med Cardiovascular Biology	3
IBMS 6507	Med Respiratory & Renal Bio	3
PBIO 6568	Adv Physiology/Pathophysiology	2
PBIO 6507	Biomed Career Explorations	1
PHAR 7800	SMP Grad Pharmacology	2
IBMS 6508	Med Gastrointestinal Biology	3
IBMS 6509	Med Endo & Reproductive Bio	3
Credits		17
Total Credits		32