



AUGUSTA UNIVERSITY
**MEDICAL COLLEGE
 OF GEORGIA**

Physiology

Master of Science in *Medical Physiology*



NEW COHORT BEGINS FALL '25 APPLICATION DEADLINE 5/31/2025

The MS in Medical Physiology program is ideal for students looking to improve their academic credentials. Students will build a solid foundation in integrative human physiology, the study of how the human body works, which is the grounding principle of medicine.

This program is the only one of its kind in Georgia.

CLASSES
 BEGIN
 AUGUST 11
 2025

Why our program?

Academic and Professional Support

Physiology Instruction by Medical School Faculty

Opportunities for Biomedical Research

Hands-On Collaborative Learning

Affordability



Tuition and Fees (2024-2025 AY):

In-state Tuition: \$4,801 per semester
 Out-of-state Tuition: \$13,610 per semester
 Mandatory Fees: \$675 per semester

Financial Information:

Graduate lab assistantships available (page 3).
 The Office of Student Financial Aid assists students in financing their education primarily through student loans.

SCAN FOR MORE INFORMATION!



Upcoming virtual information sessions
 Scan to Register!

For more information, please contact:

Ruchi Patel, PhD
 Program Director
 Email: rpatel8@augusta.edu

Karen Wiles, PhD
 Program Director
 Email: kawiles@augusta.edu

COMPLETING YOUR APPLICATION

ADMISSIONS REQUIREMENTS

GPA AND TRANSCRIPTS

Competitive applicant will have a GPA greater than 3.2 on a 4.0 scale. Bachelor's Degree required.

Official electronic transcripts should be emailed from the issuing institution to Augusta University's Office of Graduate Admissions Operations at graduateadmissions@augusta.edu

LETTERS OF RECOMMENDATION

Recommendations from THREE (3) individuals is required.

When recommender contact information is added to your application packet, application portal automatically sends a unique email to each recommender to complete their recommendation.

INTERVIEWS

Following an initial application review, applicants may be asked to interview.

Application materials CANNOT be transferred from AMCAS or Interfolio

PREREQUISITE COURSEWORK

- Math (Algebra/Calculus/Statistics) (1 semester, minimum 3 credits)
- General Biology (2 semesters with lab, minimum 8 credits)
- General Chemistry (2 semesters with lab, minimum 8 credits)
- General Physics (1 semester with lab, minimum 4 credits)
- Organic Chemistry (1 semester with lab, minimum 4 credits)

In addition, it is recommended that all applicants have completed a minimum of 3 credits in advanced biology or advanced chemistry courses (examples include Genetics, Cell Biology, Microbiology, Physiology, Biochemistry).



APPLICATION DEADLINE: MAY 31, 2025

Only **complete** applications will be reviewed.
Early submission is strongly recommended!

[HTTPS://APPLY.AUGUSTA.EDU/APPLY/](https://apply.augusta.edu/apply/)

STEP 1: Submit your MS program application by May 31st
<https://apply.augusta.edu/apply/>

General applicant information
Contact information for THREE references
Personal statement

Personal Statements should include:
Your WHY!
Discussion of academic challenges and successes
Why is this program right for you?

STEP 2: Submit your supporting materials
Materials received after June 14th will not be reviewed.

Official Transcripts
Standardized test scores (optional)
Letters of Recommendation (3)

Having test scores sent takes time - plan accordingly!
Must take standardized test (MCAT, DAT, GRE) by May 10, 2025 for scores to be received by deadline



STEP 3:
check your application status and admissions decisions

Rolling admissions decisions beginning in March 2025

GRADUATE LAB ASSISTANTSHIPS

IMPORTANT DATES:

A limited number of graduate Lab Assistantships (GLA) are available:

- 10-20 hours per week
- \$15 per hour
- Tuition reduced to \$25 plus fees each semester

Applications open May 1st for ACCEPTED MS program students. Application will be sent to eligible students.

May 31, 2025 - Application Deadline

June-July 2025 - Complete admissions process and register for classes

August 7-8, 2025 - Program Orientation (TBA)

August 11, 2025 - First Day of Classes (Fall)

May 2026 - MS Program Graduation

PROGRAM CURRICULUM

Fall Semester Coursework:

Medical Physiology I (8 credit hours):

- Principles of Physiology
- Cardiovascular Physiology
- Pulmonary Physiology
- Renal Physiology

Pathophysiology I (2 credit hours)

Anatomy (2 credit hours)

Histology (2 credit hours)

Seminar (1 credit hour): Research Seminar and Paper Discussion

Spring Semester Coursework:

Medical Physiology II (6 credit hours):

- Gastrointestinal Physiology
- Endocrinology/Reproductive Physiology
- Neurophysiology

Pathophysiology II (2 credit hours)

Seminar (1 credit hour): Research Seminar and Paper Discussion

Choose an Elective Track

Elective Track Coursework (6 credit hours) students will choose one of the following tracks:

Advanced Coursework Track (6 credits):

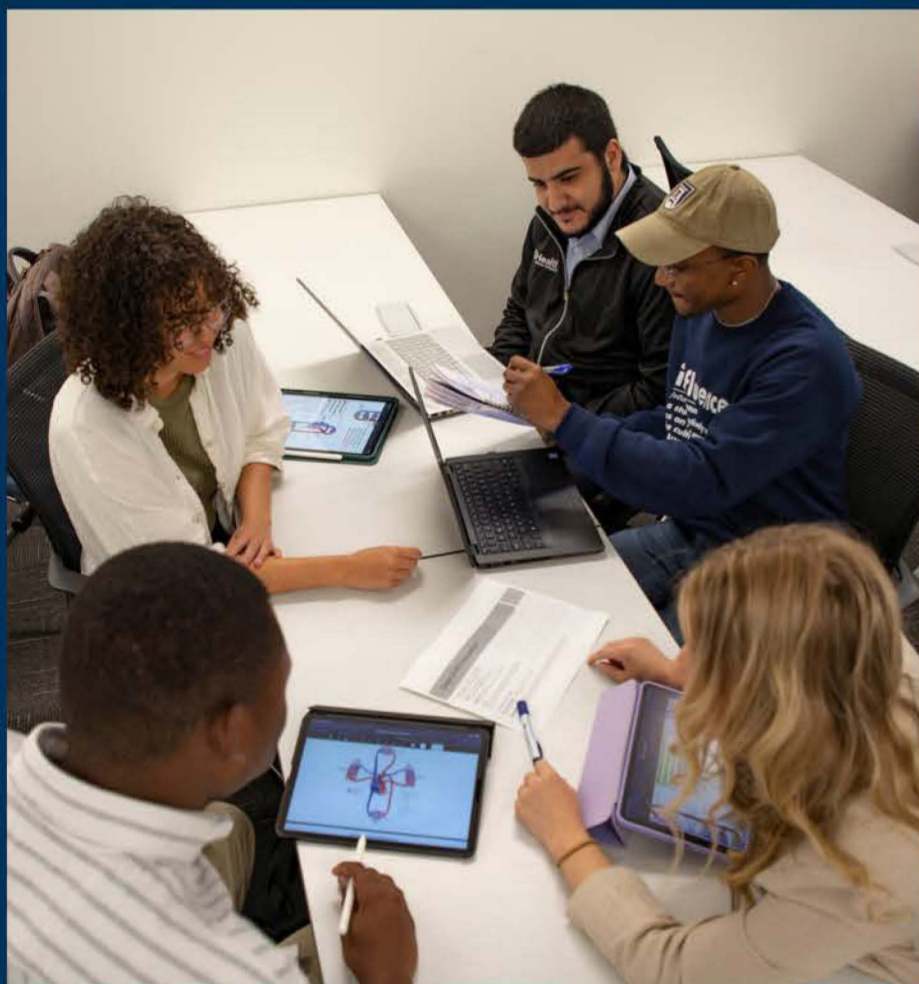
Students will take all of the following:

- Advanced Cell & Molecular Physiology (2)
- Advanced Renal Physiology (2)
- Advanced Cardiovascular Physiology (2)

Research Elective Track (6 credits):

Students will complete:

- 18 hours per week of laboratory research
- a literature review
- oral presentation to the Department of Physiology



FALL '25 SCHEDULE

	Monday	Tuesday	Wednesday	Thursday	Friday
8:00-9:00am	PSIO 6110 Physiology	PSIO 6110 Physiology	PSIO 6110 Physiology		PSIO 6110 Physiology
9:00-10:00am				Seminar PSIO 6610	
10:00-11:00am					Quiz Content Review
11:00-12:00pm		PSIO 6410 Anatomy	PSIO 6510 Histology		
12:00-1:00pm					
1:00-2:00pm				PSIO 6710 Pathophysiology	
2:00-3:00pm					
3:00-4:00pm					
4:00-5:00pm					

ALL CLASSES IN-PERSON

Innovative Education for Better Learning

Simulation Center
High-Fidelity Mannequins

Physiology Instruction by Medical School Faculty

Hands-on Labs:
Vitals, ECG, Spirometry Myogram

Opportunities for Biomedical Research

Ultrasound Center

Case-Based Learning

For more information, please contact:

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Program Director
Email: rpatel8@augusta.edu

Karen Wiles, PhD
Program Director
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