



The RowanGSBS Master of Science in Histopathology program goes beyond theory-based education to provide a unique hands-on training experience. With the program's solid foundation in translational and clinical research, graduates of the program will find a variety of available career opportunities, or can choose to continue their education by transitioning into medical school or a PhD program. Graduates are well-prepared to take the certification exam in Histotechnology offered by the American Society for Clinical Pathology Board of Certification.

Call or email us to learn more about the academically challenging, personally fulfilling and professionally rewarding future that awaits you at RowanGSBS.

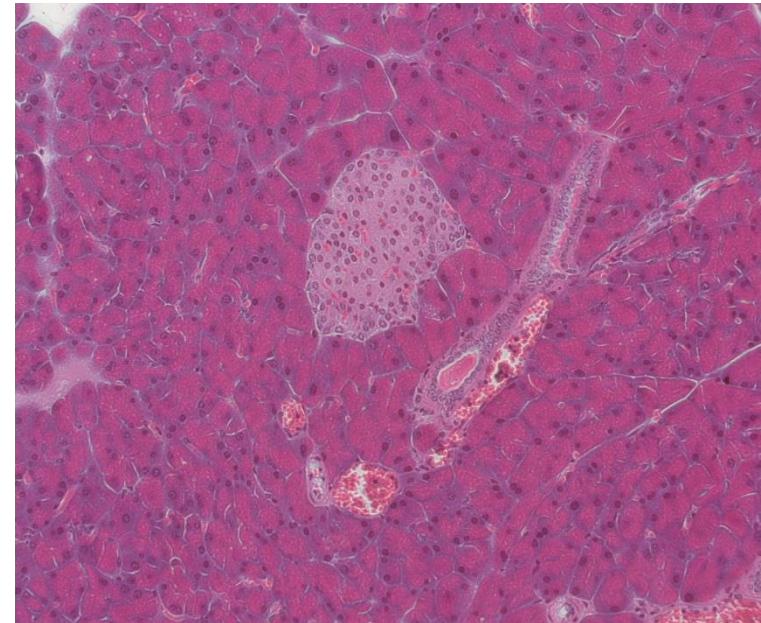
[rowan.edu/som/gsbs/academic/histopathology.php](http://rowan.edu/som/gsbs/academic/histopathology.php)

Application deadline for the Fall semester is April 15<sup>th</sup>.

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# Master of Science Histopathology Program

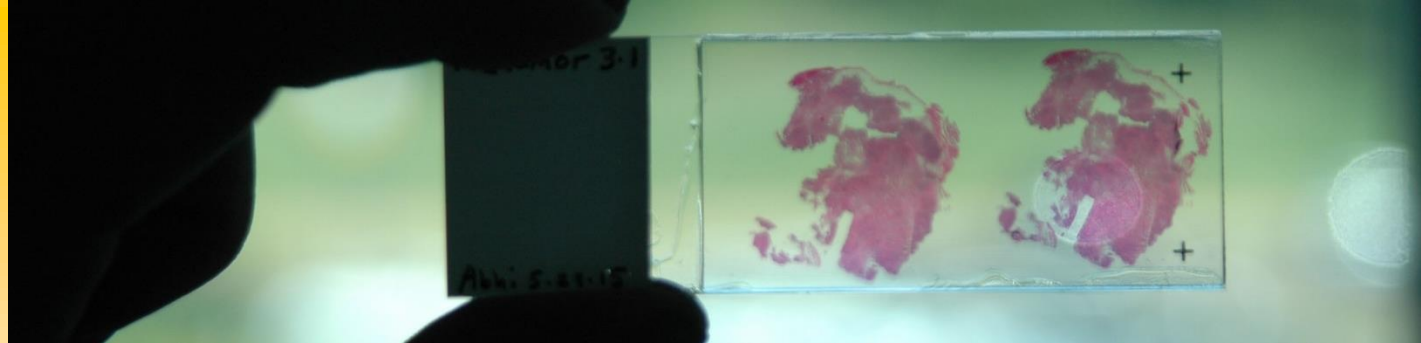


# MHP Program Overview

The Master of Science (MS) in Histopathology degree program at Rowan University Graduate School of Biomedical Sciences (RowanGSBS) provides the experience needed to excel in both clinical and research laboratories. This two to three-year, 40-credit program prepares students to fill the growing need for well-trained histopathology technicians who can partner with clinicians and basic scientists for biomedical research careers in hospital, industrial or academic laboratories.

Much of the RowanGSBS Master of Histopathology curriculum is devoted to hands-on training, occurring on-site as well as at our affiliate sites. Combined with required coursework in histology and pathology, this valuable work experience sets our graduates apart and qualifies them to quickly obtain a supervisory role in a research laboratory, to teach in a histotechnology program at a college or university, or to pursue a career in a histopathology laboratory.

Unlike many other programs, the MS in Histopathology from RowanGSBS provides a unique opportunity to develop proficiency in a wide array of skills by training students in both clinical and basic laboratory research techniques, including the use of animal models.



## MHP Program Curriculum

The RowanGSBS Master of Science in Histopathology is an intense, year-round program that start with a focus on theoretical basics of modern biological research and includes a laboratory class to teach basic molecular biology and microscopy techniques. These courses are followed by hands-on training in basic and advanced *in vivo* research techniques, using rodents as a model, as well as advanced histology and an introduction to pathology.

**Lecture Based:** Biochemistry and Molecular Biology; Cell Biology; Systems Physiology; Mechanisms of Disease

**Techniques Based:** Basic Lab Techniques; Histology II: Histotechniques (summer); Basic and Advanced Laboratory Animal Techniques; Histopathology Internship (affiliate sites)

**Additional Practical:** Histology I: Basic Tissue Types; Histology III: Organ Systems; Topics in Pathology

*\* Previous undergraduate or graduate course record and personal commitments are usually determining factors as to whether students choose the two or three year program. The MHP directors will help you choose the path that is right for you.*

## MHP Admissions Criteria:

Admission to the GSBS Master of Science in Histopathology is competitive and dependent upon the availability of openings in the program. Criteria for admission includes:

- A baccalaureate degree from an accredited college or university, with at least B-level work in the sciences
- GRE or MCAT scores accepted
- Personal statement
- Two letters of recommendation
- Required: Completed college courses in cell biology and general chemistry
- Highly recommended: Completed college course(s) in anatomy, physiology and biochemistry
- Recommended: Completed college courses in organic chemistry, microbiology, immunology, and histology

*\*Upon review of applications, qualified applicants will be invited for an interview with the admissions committee (required for acceptance).*