



ROWAN-VIRTUA
Graduate School
of Biomedical Sciences

**GRADUATE SCHOOL
OF BIOMEDICAL SCIENCES**

**Histopathology Program
STUDENT HANDBOOK**

2023-2024

FORWARD

Welcome to the Rowan-Virtua Graduate School of Biomedical Sciences (GSBS). We have assembled this Histopathology Program Student Handbook to provide specific information about this program. The GSBS [General Information Student Handbook](#) contains useful information on the facilities available on the Stratford campus of Rowan University; specific student services available to you; and a summary of University and GSBS policies pertinent to graduate students.

Histopathology Program: This document contains a summary description of the course work that must be completed to earn a:

1. Master of Science degree (M.S.; non-thesis)
2. Certificate in Histopathology

The Master of Science in Histopathology (MHP) program is an intensive, hands-on program designed to prepare students for careers in preclinical research or a histology laboratory. This program requires students to commit full-time to coursework due to the demanding practical laboratory course requirements, including work performed independently by students. This program is a five-semester program, including a summer session between the first and second years.

The Certificate in Histopathology program is designed to expand the histology and pathology knowledge of current GSBS students. There is curriculum overlap with both the Biomedical Sciences and the Anatomical Sciences programs, allowing students in either program to add an additional recognition of advanced training to their professional development within the GSBS.

The mission of the Rowan-Virtua Graduate School of Biomedical Sciences is to develop scientists who will contribute new knowledge in the biomedical disciplines through creative research and scholarship. This is accomplished through a curriculum of course work and research training that prepares our students to critically evaluate existing knowledge and to advance the frontiers of new knowledge in the biomedical sciences.

University-wide emergency information: <http://www.rowan.edu/emergency> or 856-256-4922

The GSBS reserves the right to change or modify the procedures and policies contained within this document. Please check the [GSBS website](#) on a regular basis for the most current information on programs, services, news and events.

"This handbook is informational only and does not constitute a contract between Rowan University and any student. It may be changed by Rowan University without prior notice to students. Any rules, regulations, policies, procedures or other representations made herein may be interpreted and applied by Rowan University to promote fairness and academic excellence, based on the circumstances of each individual situation.

This handbook represents a program of the current curricula, educational plans, offerings and requirements of the Rowan University Graduate School of Biomedical Sciences. The School reserves the right to change any provisions, offerings, tuition, fees, or requirements at any time within the student's period of study at Rowan University. In addition, Rowan University may at any time eliminate, modify or change the location of any School, Institute, Center, Program, Department, course or academic activity."

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ADMINISTRATION

GSBS ADMINISTRATION AND STAFF:

Senior Associate Dean, GSBS	Carl Hock, Ph.D.	hock@rowan.edu
Director	Diane Worrad, Ph.D.	worrad@rowan.edu
Program Support Coordinator	Krystal Murtha, M.B.A.	mcerlakl@rowan.edu
Program Coordinator	Amanda Powell	ellisa@rowan.edu
Program Assistant	Coleen Tenuto	tenuto@rowan.edu
Administrative Assistant		

Office Address: 42 East Laurel Road
Rowan Medicine Building, Suite 2200
Stratford, NJ, 08084

Phone: 856-566-6282
Email: gsbs-stratford@rowan.edu

GSBS DEPARTMENTS

The administration for the departments of Cell Biology & Neuroscience and Molecular Biology are located at 42 East Laurel Road, Rowan Medicine Building, Suite 2200 on the Stratford campus.

Cell Biology & Neuroscience Department

Chair	Barry Waterhouse, Ph.D.	566-6407
Business Administrator	Lynn Robbins	566-6417
Program Support Specialist	Lisa Stressman	566-6078
Budget Analyst	Alisa Corbitt	566-6067
Administrative Assistant	Marquishia Stringfield	566-6231

Molecular Biology Department

Chair	Salvatore Caradonna, Ph.D.	566-6056
Business Administrator	Karen Baines	566-7003
Program Assistant	Renee Fidler	566-6049
Administrative Assistant	Theresa Luscko	566-6077

REGISTRAR'S OFFICE

The Rowan University Registrar's Office is responsible for the registration of all GSBS students as well as preparation, maintenance and issuance of all official grades and records pertaining to GSBS students. The Registrar's office is located on the bottom floor of Savitz Hall in Glassboro. Contact them by email at registrar@rowan.edu or by telephone (856) 256-4350.

STUDENT SUPPORT

PROGRAM DIRECTORS

Renee Demarest, Ph.D.

Science Center, 316

demarest@rowan.edu

Catherine Neary, Ph.D.

Science Center, 312

nearycl@rowan.edu

CENTER FOR STUDENT SUCCESS

Mary Sylvester-Pegues, Program Coordinator for GSBS Students

Academic Center, Suite 210

sylvesterpegues@rowan.edu

The Center for Student Success (CSS) was established to maximize the educational experiences of GSBS and SOM students. CSS staff provide a variety of supportive academic services, including: 1) individual consultation on study strategies and learning styles, 2) group workshops on topics related to academic success, 3) individual meetings to review curriculum requirements and create an individualized academic plan and 4) workshops and individual consultations on test-taking strategies.

DISABILITY SERVICES

Jacqueline Giacobbe, Assistant Dean

Academic Center, Suite 210

giacobja@rowan.edu

Rowan University School of Osteopathic Medicine or GSBS does not discriminate in admission or access to its programs and activities on the basis of race/color, ethnicity, national origin, religion/creed, disability, age, marital status, sexual orientation or veteran's status. The University will provide, if requested, reasonable accommodations to otherwise-qualified enrolled students and candidates with disabilities. Further information about accommodations can be obtained from SOM/GSBS Disability Services at 856-566-6980.

OTHER RELEVANT DEPARTMENTS can be found in the [GSBS General Information Student Handbook](#).

HISTOPATHOLOGY PROGRAM OF STUDY

REQUIREMENTS FOR THE MASTER OF SCIENCE DEGREE

The Master of Science in Histopathology program requires satisfactory completion of 41 credits of coursework. Degree requirements include maintaining a minimum cumulative 3.00 Grade Point Average (GPA), as well as maintaining the minimum standards in laboratory courses (see syllabus for each individual course) and completing required ethics and safety training.

MASTER OF SCIENCE CURRICULUM

Required courses. Students must pass the following required courses (41 credits) and earn a cumulative 3.00 or higher overall grade point average (GPA):

MBS 00501	Biochemistry and Molecular Biology (3 credits)
MBS 00502	Cell Biology (3 credits)
CMB 00910	Responsible Conduct of Research training (RCR; 0 credits)
MBS 00503	Systems Physiology (3 credits)
MHP 00610	Basic Laboratory Techniques – Biology (BLT-B; 3 credits)
MHP 00611	Histology I: Basic Tissue Types (3 credits)
MHP 00612	Histology II: Techniques (4 credits)
MHP 00614	Basic Laboratory Animal Techniques (BLAT; 4 credits)
MBS 00609	Mechanisms of Disease (3 credits)
MHP 00615	Advanced Laboratory Animal Techniques (ALAT; 4 credits)
MHP 00613	Histology III: Organ Systems (3 credits)
MHP 00616	Topics in Pathology (2 credits)
MHP 00650	Histopathology Internship (3 credits; 2 semesters)

GSBS students in all programs of study are required to maintain Good Academic Standing. Please see your program-specific policy for details: [Academic Standing-Histopathology program](#)

The Chart of the MHP Curriculum, the current Course Guides and Course Descriptions are located at the bottom of this webpage: <https://gsbs.rowan.edu/student-resources/registrar/registration.html>.

REQUIREMENTS FOR THE CERTIFICATE IN HISTOPATHOLOGY

The Certificate in Histopathology program requires satisfactory completion of 18 credits of coursework, passing the indicated courses below and an elective, if necessary. An overall GPA of 3.00 is also required.

CERTIFICATE CURRICULUM

Foundational Courses (6 credits minimum required from the following courses):

MBS 00502	Cell Biology (3 credits)
MBS 00503	Systems Physiology (3 credits)
ANS 00501	Clinically Integrated Human Anatomy (8 credits)

Histology Courses (6 credits minimum required from the following courses):

MHP 00611	Histology I: Basic Tissue Types (3 credits)
MHP 00612	Histology II: Techniques (4 credits)
MHP 00613	Histology III: Organ Systems (3 credits)

Pathology Courses (5 credits minimum required from the following courses):

MHP 00616	Topics in Pathology (2 credits)
MBS 00609	Mechanisms of Disease (3 credits)
MBS 00603	Immunology (3 credits)

Elective Course (1 or more credits required if only 17 credits earned from the above course selection)

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The current Course Guides and Course Descriptions are located at the bottom of this webpage: <https://gsbs.rowan.edu/student-resources/registrar/registration.html>.

GRADUATION, DIPLOMAS AND COMMENCEMENT

Graduation Information may be found on the bottom of the [GSBS Student Resources page](#). This includes:

1. Graduation Process and Important Deadlines
2. Graduation Application Instructions
3. Graduation vs Commencement
4. Commencement Information

All students must apply to graduate in Self-Service Banner. Rowan University confers degrees on the 30th day of December (Fall), January (Winter), May (Spring), and August (Summer). The Commencement Ceremony is held in May. Please note that **NO** student will receive their diploma at Commencement. The student will receive their diploma approximately 8-12 weeks after the degree conferral term.

STAY CONNECTED

- Complete the [Alumni Registration Form](#)
- Enroll in LinkedIn, a professional networking site. It's free: <https://www.linkedin.com>