



ROWAN-VIRTUA
Graduate School
of Biomedical Sciences

**GRADUATE SCHOOL
OF BIOMEDICAL SCIENCES**

**Anatomical Sciences Program
STUDENT HANDBOOK**

2023-2024

FORWARD

Welcome to the Rowan-Virtua Graduate School of Biomedical Sciences (GSBS). We are located on the Stratford campus of Rowan University. We have all the benefits of a large University but with a small campus feel. The GSBS has assembled this Anatomical Sciences Program Student Handbook to assist you in understanding the operations, procedures, and rules of 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.

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.

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

1. Master of Science in Anatomical Sciences degree (M.S.; non-thesis)
2. Certificate in the Anatomical Sciences Program (for students with a PhD)

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-Virtua 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

Rocco Carsia, Ph.D.
Renee Demarest, Ph.D.

Rowan Medicine Building, 3910
Science Center, 316

carsiaro@rowan.edu
demarest@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-Virtua 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.

STUDY SKILLS FOR GRADUATE SCHOOL AND BEYOND

The "Study Skills for Graduate School and Beyond" book is available [online](#) to every student. It provides many helpful strategies [1) Time Management and Organization, 2) Learning the Material, 3) Test-Taking, and 4) Mental and Physical Health] to assist students in designing a study plan.

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

ANATOMICAL SCIENCES PROGRAMS OF STUDY

Goal: Training individuals to be human gross anatomy instructors at medical schools and allied health programs (i.e. nursing, physician assistant and pathologist assistant programs).

The Anatomical Sciences (ANS) program is focused on training individuals to prepare them to teach human gross anatomy to medical students and other allied health students (i.e. nursing, physician assistant and pathologist assistant programs). Unique aspects of the ANS program are 1) the emphasis on training the students to be competent instructors and 2) the incorporation of teaching current medical students in the ANS course curriculum.

The ANS program provides intensive and broad training in human gross anatomy, neuroanatomy, developmental anatomy, and anatomy in diagnostic imaging. In addition, students will be directed in a practicum course in which they will assist with instruction of Rowan-Virtua School of Osteopathic Medicine medical students in Gross Anatomy while being observed by our faculty and receive feedback on their instruction ability.

Graduates of this program will:

- Possess expert knowledge of anatomy and a strong understanding of histology, physiology and pathology.
- Effectively teach the anatomical sciences with an emphasis on gross anatomy to postsecondary students.

In the Fall and Spring terms, full-time matriculated students are expected to carry a minimum course load of 9 credits per semester while part-time students must carry a minimum of 5 credits per semester. In the Summer term, full-time matriculated students are expected to carry a minimum course load of 4 credits per semester while part-time students must carry a minimum of 2 credits per semester.

MASTER OF SCIENCE IN ANATOMICAL SCIENCES DEGREE PROGRAM

The Master of Science (MS) program is a five (5)-semester program, including a summer session between the first and

second years. The MS in ANS program requires satisfactory completion of 32 credits of course work. Degree requirements include maintaining a minimum cumulative 3.00 Grade Point Average (GPA), as well as maintaining the minimum standards in the teaching practicum course, laboratory courses and completing required ethics and safety training.

Required courses (32 credits). Students must pass each of these courses:

- Fall I term: Clinically Integrated Human Anatomy (CIHA)
- Spring I term: Systems Physiology, Histology I
- Summer I term: Teaching Practicum in Human Anatomy Dissection I*
- Fall II term: Human Anatomy in Diagnostic Imaging*, Neuroanatomy: Structure & Function of the Vertebrate Nervous System, Teaching Practicum in Human Anatomy Dissection II*
- Spring II term: Human Developmental Anatomy*, Topics in Pathology, Histology III, Teaching Practicum in Human Anatomy Dissection III*

*Enrollment requires a letter grade of “C” (2.00) or better in Clinically Integrated Human Anatomy (CIHA) course.

The Master’s program has a requirement of 32 credits. Students who would benefit from additional coursework may apply for up to 6 additional credits. Tuition for the additional coursework will be charged per credit and the grades will be counted in the cumulative GPA. The tuition charge is applicable to all coursework over the required 32 credits -- regardless of whether the course(s) was taken to improve the student's GPA.

The MS in Anatomical Sciences Curriculum Chart, the current course listings and course descriptions can be found here <https://gsbs.rowan.edu/student-resources/registrar/registration.html> on the GSBS website. Please see the current course listings and course descriptions on the GSBS website for information on all courses.

CERTIFICATE IN THE ANATOMICAL SCIENCES PROGRAM (for PhDs)

The Certificate in the Anatomical Sciences is intended for students with doctorates in biomedical sciences. The Certificate in the Anatomical Sciences program is a four (4)-semester program, including a summer session between the first and second years. The Certificate in the Anatomical Sciences program requires satisfactory completion of 21 credits of course work. Certificate requirements include maintaining a minimum cumulative 3.00 Grade Point Average (GPA), as well as maintaining the minimum standards in the teaching practicum course, laboratory courses and completing required ethics and safety training.

Please note: that if a student obtaining a certificate is interested in matriculating into the Master of Science in Anatomical Sciences program, the required course policies within the Master of Science in Anatomical Sciences program will apply upon matriculation.

Required courses (21 credits). Students must pass each of these courses:

- Fall I term: Clinically Integrated Human Anatomy (CIHA)
- Spring I term: Human Developmental Anatomy*, Teaching Practicum in Human Anatomy Dissection III*
- Summer I term: Teaching Practicum in Human Anatomy Dissection I*
- Fall II term: Human Anatomy in Diagnostic Imaging*, Neuroanatomy: Structure & Function of the Vertebrate Nervous System, Teaching Practicum in Human Anatomy Dissection II*

*Enrollment requires a letter grade of “C” (2.00) or better in Clinically Integrated Human Anatomy (CIHA) course.

1. Must have a cumulative GPA of 3.0 or higher.
2. No transfer credits accepted.
3. Must submit “Application for Completion of Certificate”, available by contacting the GSBS office.

The Certificate in the Anatomical Sciences Curriculum Chart, the current course listings and course descriptions can be found here <https://gsbs.rowan.edu/student-resources/registrar/registration.html> on the GSBS website. Please

see the current course listings and course descriptions on the GSBS website for information on all courses.

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

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>