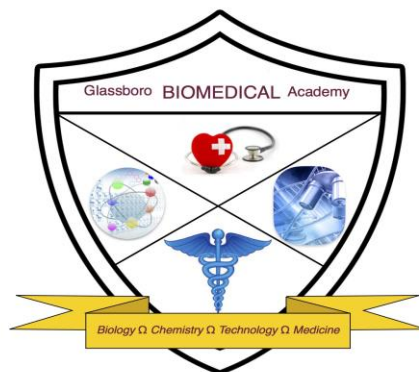


Glassboro High School
STEM Biomedical Academy

Student Handbook



Mailing Address

550 Joseph Bowe Blvd • Glassboro, New Jersey 08028

Phone: 856-652-2700 • Fax: • Website: <http://www.glassboropublicschools.us>

STEM Biomedical Academy Mission Statement

The Glassboro High School STEM Biomedical Academy's Mission Statement is to provide a rigorous and technologically enhanced curriculum through participation in specialized classes at Glassboro High School and at Rowan University. The Biomedical Academy allows students to apply academic and medical skills to real world settings. Students will have the opportunity to explore a broad range of medicine combined with 21st century technology for college and career readiness.

We are excited that you will be joining the Glassboro High School STEM Biomedical Academy. This handbook is designed to provide information regarding the STEM Biomedical Academy.

The Glassboro High School staff members overseeing the STEM Biomedical Academy are:

Mrs. Monique Stowman-Burke – GHS Principal – ext. 1105

Ms. Robin Boyd – Guidance - ext. 1212

Ms. Susan Powers – Science Department – ext. 8227

The Glassboro High School STEM Biomedical Academy is designed for students with a serious interest in medicine and who are planning to major in a medical-related field at the college level. The programs are designed to prepare students for the experience as a pre-med major in college. **The Biomedical Academy is for 8th grade applicants or any student that is currently in our other academies.** All current 8th grade or Academy students interested in the field of medicine are encouraged to apply.

The focus of the Academy is:

- To provide a foundation in a specialty area (medicine)
- To provide academy students the opportunity to take undergraduate courses at Rowan University in their Junior and Senior years*
- To engage students in an exciting, project-based, technology-rich learning environment where expectations are high to promote student success.

*Opportunities may vary depending on School Choice Funding and student performance. ALL academy students in good standing who have met the curricular/ academic prerequisites may register for Rowan classes in their Junior and Senior years. Due to funding constraints, some students may be required to contribute one third of tuition costs.

GLASSBORO HIGH SCHOOL BIOMEDICAL ACADEMY: 4-year course plan

9th Grade:

Honors Biology	5 credits
Honors Geometry/Honors Algebra II	5 credits
Honors English I	5 credits
Honors World History	5 credits
PE/Health	5 credits
MOUS/Software Apps	5 credits
World Language	5 credits
Humanities Elective	5 credits

10th Grade:

Honors Chemistry	5 credits
Honors Physics	5 credits
Honors English II	5 credits
Honors American History I	5 credits
PE/Health	5 credits
Honors Pre-Calculus	5 credits
World Language	5 credits
Elective	5 credits

11th Grade:

AP Biology/AP Chemistry	10 credits
Financial Literacy	5 credits
Honors English III	5 credits
Honors American History II	5 credits
PE/Health	5 credits
AP Calculus	5 credits
Intro to Biomedical Science I - Rowan Class*	3 credits
Psychology - Rowan Class*	3 credits

12th Grade:

AP Biology/AP Chemistry	10 credits
AP Composition/AP Literature	5 credits
PE/Health	5 credits
Elective	5 credits
Elective	5 credits
Rowan Class*	3-4 credits
Rowan Class*	3-4 credits
Medical Independent Study/Internship/Research	

***Rowan Coursework Eligibility and Funding Guidelines:**

Students who have met the academic prerequisites of both Rowan University and the STEM Biomedical Academy will be eligible to register for undergraduate classes at Rowan in their Junior and Senior years. Funding for Rowan coursework is provided through the School Choice Program. Since the available funding from that program varies from year to year, it is possible that not every academically qualified in-district Academy student will have their Rowan coursework fully funded. In the event of such a funding shortage, students will be awarded full funding through a selective process overseen by the STEM Biomedical Academy committee. Selection will be based on a full profile of each student's performance to date within the STEM Biomedical Academy program. Selection criteria will include academic achievement in the Medical coursework completed to date, participation and involvement in Medical related extra-curricular activities. Remaining students who are not selected for full funding can still attend Rowan by assuming one third of tuition costs.

*Eligibility for Rowan is contingent on academic performance and must be maintained in order to continue undergraduate coursework. As such, eligibility is subject to review at the completion of each semester. (See **Grades** below for more details)*

In addition, each STEM Biomedical Academy student is required participate in the following **extracurricular activities** (failure to do so will result in dismissal of the academy):

- Participation in the Glassboro School District Science Fair
- Participation in the Glassboro High School Biomedical Club
- Participation in the Coriell Institute of Medical Research Science Fair – flexible this year
- Students may also be required to attend regional science fairs or college symposiums (this will vary based on funding). If funding is available then STEM Biomedical Academy students will be required to participate.

Students are accepted into the Academy after:

- Filling out the STEM Biomedical Academy application and appropriate DOE forms
- Evaluation of test scores, transcripts, essay, entrance exam, and personal interview by the Glassboro High School STEM Biomedical Academy committee and/or Rowan University faculty members

2020-2021 Important Dates:

Deadline for STEM Biomedical Academy Application – December 3, 2020
Notification of Acceptance for Out of District Students – December 21, 2020
Notification of Acceptance for Glassboro School District Students - April 2021
Spring Rowan Registration – October
Fall Rowan Registration – March
Tour of Rowan for Jr's/Sr's - June

Communication:

Your success in the Academy is our number one goal. In order to achieve this, communication is of utmost importance. **This includes communication with your Rowan Professor regarding courses**, with guidance regarding scheduling, and with Mrs. Powers regarding requirements. It will be absolutely necessary to communicate via e-mail. It is your responsibility to supply a current e-mail address to Rowan Professors, Ms. Boyd and Mrs. Powers in order to be contacted and confirm courses and other important information. All other communication will be via Schoology. Please check your messages and set up notifications.

On the Web:

Most information can be obtained from the website for the Glassboro High School STEM Biomedical Academy at www.glassboroschools.us

Academy Grading:

Students receive credit and report card grades for Glassboro High School classes. In addition, grades are issued for dual credit courses such as AP Calculus, AP Biology, AP Chemistry, and AP Statistics.

Rowan University classes are graded by Rowan faculty using their grading criteria, and the grade is transferred to the high school, but is **not included** in the overall GPA.

Grades:

As a member of the STEM Biomedical Academy, it is necessary for students to maintain satisfactory grades. This includes maintaining an overall GPA of an 80 or higher and an 85 or higher in all of their Academy courses. Students may not fail any academic classes. A student who does not meet the minimum or has failed a class will go on academic probation and will be given one marking period to remedy the problem. If the minimums are still not met after the grace period, they will be dropped from the STEM Biomedical Academy and their seat will be given to the next person on the waiting list. Students must also maintain a 3.0 GPA at Rowan in order to retain eligibility to take Rowan classes. Any students whose Rowan GPA falls below a 3.0 will have their Rowan eligibility placed on a probationary status. Funding will not be provided for Rowan classes during this probationary period.

Discipline:

Any discipline infraction is grounds for probation. Academy students who do not meet the discipline requirements will be informed by letter of their probationary status in the program. If a student does not meet the discipline requirements at the end of their probationary marking period, they will be notified by mail that they are being dropped from the Academy. A second discipline infraction is grounds for removal. Academy students are expected to demonstrate exceptional academics along with exceptional character.

Please click the link below stating that you understand that a link to the Biomedical Academy Handbook is on the Glassboro High School Homepage

Students click [here](#)

Parents click [here](#)

Sign below stating that you understand that a link to the Biomedical Academy Handbook is on the Glassboro High School Homepage and that you received a printed copy

BIOMEDICAL HANDBOOK IS ON WWW.GLASSBOROSCHOOLS.US

I AM AWARE THAT A COPY OF THE BIOMEDICAL HANDBOOK CAN BE VIEWED ON THE GLASSBORO HIGH SCHOOL HOMEPAGE AND THAT I RECEIVED A PRINTED COPY.

NAME OF STUDENT	SIGNATURE OF PARENT / GUARDIAN	DATE

Student Signature

I am signing that I have read the Biomedical Handbook and that I am in agreement of all requirements and responsibilities as an academy student.

<i>Signature of Student</i>	<i>Date</i>
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