Degree Offered
Associate in Science
Biomedical Science

Curriculum Code: 400

Program Information

The A.S. in Biomedical Science program offers a rigorous program which heavily emphasizes the Biology, Chemistry and Physics classes that students are required to have in the pathways of Medicine, Dentistry, Veterinary Medicine and Biological/ Biomedical Research.

When You Graduate

A.S. programs are primarily designed for students who plan to transfer as juniors to four-year colleges and universities. Graduates of this program will be prepared for entry into baccalaureate programs in the biomedical sciences.

As a graduate of a fully accredited community college, your coursework will be received with full credit transfer at most state colleges, public and private universities across the country. The NJ Lampitt bill passed in 2008 by the NJ State legislature assures seamless transfer of credits toward junior standing at NJ state colleges and universities.

Earn a BA, MA at CCC

Once you graduate from Cumberland County College, you can earn a bachelor's and even a master's degree at the on-campus Shirlee and Bernard Brown University Center. CCC's University Center houses bachelor's and master's degree programs offered by Fairleigh Dickinson University, Georgian Court University, Montclair State University, Rowan University and Wilmington University.

www.cccnj.edu

Biomedical Science

Program Requirements (32 credits)	**Credits**
❑ BI 102 General Biology II	4
❑ CH 101 General Chemistry I	4
❑ CH 102 General Chemistry II	4
❑ CH 201 Organic Chemistry I	4
❑ CH 202 Organic Chemistry II	4
❑ PI 123 Fundamentals of Physics I	4
❑ PI 124 Fundamentals of Physics II	4
❑ Program Electives	4

General Education Requirements (32 credits)	
❑ EN 101 English Composition I	3
❑ EN 102 English Composition II	3
❑ MA 205 Statistics I	3
❑ MA 121 Precalculus Mathematics **or** MA 130 Calculus I	4
❑ BI 101 General Biology I	4
❑ PY 101 General Psychology	3
❑ Humanities Elective	3
❑ Humanities **or** Social Science Elective	3
❑ History Elective	3
❑ Diversity Elective	3
Total Credits	**64**

Program Electives

❑ BI 201 Genetics	4
❑ BI 203 Microbiology	4

Upon completion of this program, students should be able to:

- Analyze and interpret scientific data.
- Write and verbally communicate scientific principles and concepts using terminology appropriate to the discipline of study.
- Organize and analyze data to solve problems.
- Locate, interpret, critically evaluate and make informed conclusions about scientific literature.