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<td>CHM-221</td>
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<td>MTH-210</td>
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<td>MTH-150</td>
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<td>Any 200-level Biology, Chemistry, or Biotechnology course</td>
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<td>PHY-202</td>
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**Total Minimum Credits 64**

1 Secondary education majors should take Basic Psychology (PSY-101) for one of the electives

2 Check with transferring institution.

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### PROGRAM DESCRIPTION

This course of study is designed for students who have a strong interest in chemistry and who plan to work toward a major in chemistry or a related field. Chemistry majors perform laboratory procedures in biotechnological, health care and other related fields. They also enter ancillary fields such as forensic science, engineering and education.

### PROGRAM GOALS

- To prepare graduates for entry-level positions in science related fields that require an associate in science degree such as: laboratory technicians or research assistants in pharmaceutical, biomedical, or academic research laboratories.
- To provide students with a foundation in general education.
- To provide a concentration of course work appropriate for chemistry and basic chemistry instrumentation.
- To ensure transferability of course work to a baccalaureate program in chemistry or science education.
- To prepare graduates to enter pre-professional programs in careers such as chemical engineer, laboratory technician, physician’s assistant, physician and physical therapist.

### PROGRAM STUDENT LEARNING OUTCOMES

At the end of the program, the graduate will be able to:

1. Use the scientific method to design and perform experiments in the chemistry laboratory.
2. Explain the fundamental concepts of chemistry.
3. Analyze data using mathematical and chemical principles and present in multiple formats.

### EMPLOYMENT OPPORTUNITIES

- Chemist
- Laboratory technician
- Physician
- Physical therapist
- Physician’s assistant

### TRANSFER OPPORTUNITIES:

Students in this program transfer to many institutions including:
- Rutgers-Camden University
- Rutgers-New Brunswick University
- Rowan University

### CONTACT PERSON

Dr. Teresa A. Smith, Chair  
(856) 227-7200, ext. 4479  
email: tasmith@camdencc.edu

**Recommendation**

Preparation for Chemistry (CHM-010) is required for those who have not had high school chemistry. Students should select courses according to the needs of the transferring institution.