



Chemical Analytics Certificate

Program: Chemistry

Program Code:

CQ

Academic Area:

Science, Technology, Engineering and Mathematics

Type:

Certificate of Accomplishment

CIP Code:

41.0301

Program Statement

The goal of the Chemical Analytics Certificate is to prepare students for entry-level jobs as an Analytical Chemist.

Program Information

Students will acquire the skills and experience necessary to obtain employment as an entry-level chemist through laboratory courses where they will be trained to use current equipment in the field. Successful completion of this certificate can be achieved through hard work and dedication.

After Bristol

After completing the Chemical Analytics Certificate, students should be able to obtain employment in an entry-level position at an Analytical Chemistry laboratory or related company.

Program Requirements

| Course # | Title | Credits |
|----------|-----------------------------------|---------|
| CHM 113 | Fundamentals of Chemistry I | 4 |
| CHM 120 | Environmental Chemistry | 4 |
| CHM 220 | Introductory Analytical Chemistry | 4 |
| MTH 152 | College Algebra | 3 |
| PHY 101 | Technical Physics I | 4 |

Recommended Course Sequence - Semester 1

| Course # | Title | Credits |
|----------|-----------------------------|---------|
| CHM 113 | Fundamentals of Chemistry I | 4 |
| MTH 152 | College Algebra | 3 |



Recommended Course Sequence - Semester 2

| Course # | Title | Credits |
|-----------------------|-----------------------------------|----------------|
| CHM 120 | Environmental Chemistry | 4 |
| CHM 220 | Introductory Analytical Chemistry | 4 |
| PHY 101 | Technical Physics I | 4 |
| Total credits: | | 19 |