



COMMUNITY COLLEGE
OF BEAVER COUNTY
CCBC.EDU

**Real Learning
for Real Life**

Biological Sciences

Associate Degree in Science
Degree Plan for Full Time Students



Scan to get started!

TO LEARN MORE CONTACT

STEM@ccbc.edu
724-480-3504

Program Info:

Do you want to investigate the life processes of humans, animals, and plants? Are you interested in becoming a scientist, physician, or veterinarian?

WHAT WILL I LEARN?

As a biological sciences major, you will acquire a broad-based knowledge of biological principles and be prepared to transfer to a four-year institution to pursue a bachelor's degree in a major such as biology, forestry, forensic science, pre-medicine, pre-dental, and pre-veterinary.

CAREERS IN BIOLOGICAL SCIENCES

Careers related to biological sciences include forestry, forensic science, medicine, dentistry, and pre-veterinary.

RELATED CREDENTIALS

- Multi-Skilled Health Technician (micro-credential)
- Medical Assistant Certificate (certificate)
- Nurse Aide (micro-credential)
- Health High School Academy
- Environmental Sciences (degree)

FIRST YEAR

First Semester – 17/18 credits

| Course | Credits |
|---|---------|
| BIOL 101 - General Biology I | 4 |
| CHEM 101 - General Chemistry I | 4 |
| CIST 100 - Introduction to Information Technology | 3 |
| WRIT101 - English Composition | 3 |
| TAOC Three (MATH) | 3/4 |

Second Semester – 15 credits

| Course | Credits |
|---------------------------------|---------|
| BIOL 102 - General Biology II | 4 |
| CHEM 102 - General Chemistry II | 4 |
| TAOC Three (MATH) | 4 |
| TAOC Six (LITR) | 3 |

SECOND YEAR

Third Semester – 14 credits

| Course | Credits |
|--------------------------------|---------|
| BIOL 215 - Microbiology | 4 |
| CHEM 201 - Organic Chemistry I | 4 |
| COMM 201 - Public Speaking | 3 |
| PSYC101 - General Psychology | 3 |

Fourth Semester – 14 credits

| Course | Credits |
|---|---------|
| BIOL 210 - Genetics | 4 |
| CHEM 202 - Organic Chemistry II | 4 |
| SOCI 101 - Principles of Sociology | 3 |
| PHIL 101 - Introduction to Philosophy OR | 3 |
| PHIL 110 - Introduction to Ethics | |

For more information about Transfer and Articulation Oversight Committee (TAOC) courses, visit www.patrac.org

Program Curriculum
Credits Required 60/61