

Health Related - Track

- Intended only for students who are preparing to transfer directly to certain professional schools including chiropractic, occupational therapy and physician's assistant programs.
This program is not suitable for students wishing to apply to programs in medicine, dentistry, optometry or podiatry since this track has a more narrow selection of courses which may restrict transfer options.
Preprofessional/Scientific - Track 3
- Intended to meet the needs of those whose math and science skills are above average and who hope o transfer to the more competitive baccalaureate programs, professional schools or medical, veterinary dental schools.
Environmental - Track 4
Designed to meet the needs of students who are interested in environmental science, ecology and natural resources.
These programs are becoming increasingly more specialized in the array of courses required in the first two years.
utrition - Track 5
er this track are specifically designed to career in nutrition.
Intended for students who are preparing to transfer directly to a four-year school with programs offerin Technician Registered (DTR) certification.
Teacher Education Biology - Track 6
fudents prons a prepare them to teach at the lementary to high school levels.
The Teacher Education Program includes 10 other areas of specialization. Faculty advisors from both the his program as it is within a larger, multidisciplinary program, TEBIO.
iotechnology - Track 7
Biotechnology, the most rapidly growing sector in the logy and a major industry in New Jersey, is the application of life sciences to benefit humankind.
Designed to meet the needs of students interested in biotechnology.


## WHERE YOU CAN GO!

CCM credits from the Biology program are readily transferrable towards four-year Biology programs and other niversities. CCM has Biology articulation agreements with:

- Centenary College

Drew University
East Stroudsburg University

- Rider University
- West Virginia University
- William Paterson University


## TRADITIONAL - TRACK 1 CURRICULUM

General Education Foundation (32 CR) COMMUNICATION ( 6 CR )

| English Composition I | ENG 111 | 3 |
| :--- | ---: | :--- |
| English Composition II | ENG 112 | 3 |

MATH/SCIENCE/TECHNOLOGY (11 CR)
Precalculus
Biology Elective
Math/Science/Technology Elective
SOCIAL SCIENCE (3 CR )
Choose from General Education course list (Social Science) 3
HUMANITIES (3 CR)
Choose from General Education course list (Humanities) 3
SOCIAL SCIENCE OR HUMANITIES (3 CR)
Choose from General Education course list
(Social Science or Humanities)
GENERAL EDUCATION ELECTIVES ( 6 CR )
Choose from General Education course list 3
3

BIOLOGY TRADITIONAL CORE (28 CR) General Biology I

BIO 1214
General Biology II BIO $122 \quad 4$
General Chemistry I Lecture CHM 125 General Chemistry ILab General Chemistry II Lectur General Chemistry II Lab Biology Elective
Probability and Statistics OR CHM 126 HM 126 CHM 127 CHM 128

MAT 130 Analytic Geometry and Calculus I

MAT 131 FREE ELECTIVES (4 CR)

## TOTAL

60

HEALTH RELATED - TRACK 2 CURRICULUM
General Education Foundation (32 CR) COMMUNICATION (6 CR)
English Composition I
$\begin{array}{ll}\text { ENG } 111 & 3 \\ \text { ENG } 112 & 3\end{array}$
English Composition II
$\qquad$
MATH/SCIENCE/TECHNOLOGY (11 CR)

| Precalculus | MAT 123 | 4 |
| :--- | :--- | :--- |
| Biology Elective |  | 4 |
| Math/Science/Technology Elective |  | 3 |

Math/Science/Technology Elective
SOCIAL SCIENCE (3 CR)
Choose from General Education course list (Social Science)3 HUMANITIES (3 CR)
Choose from General Education course list (Humanities) 3

SOCIAL SCIENCE OR HUMANITIES (3 CR)
Choose from General Education course list
(Social Science or Humanities)

Choose from General Education course list
6

BIOLOGY HEALTH RELATED CORE (28 CR)
General Biology I BIO $121 \quad 4$
General Biology II BIO $122 \quad 4$ $\begin{array}{lrl}\text { General Chemistry I Lecture } & \text { CHM } 125 & 3\end{array}$ $\begin{array}{ll}\text { General Chemistry I Lab } & \text { CHM } 125 \\ \text { CHM } 126\end{array}$ eneral Chemistry ILab Geral Chemistry II Lectur nal Chistry Lab Anatomy \& Physiog I nation \& Physiology II Probabity and Statistics OR

## PREPROFESSIONAL/SCIENTIFIC

## TRACK 3 CURRICULUM

General Education Foundation (32 CR)

| COMMUNICATION (6 CR) |  |  |
| :--- | ---: | :--- |
| English Composition I | ENG 111 | 3 |
| English Composition II | ENG 112 | 3 |
| MATH/SCIENCE/TECHNOLOGY (11 CR) |  |  |
| Precalculus | MAT 123 | 4 |
| Biology Elective |  | 4 |
| Math/Science/Technology Elective |  | 3 |
| SOCIAL SCIENCE (3 CR) |  |  |

Choose from General Education course list (Social Science) 3
HUMANITIES (3 CR)
Choose from General Education course list (Humanities) 3
SOCIAL SCIENCE OR HUMANITIES (3 CR)
General Psychology PSY 113
GENERAL EDUCATION ELECTIVES (6 CR)
Choose from General Education course list
BIOLOGY PREPROFESSIONAL CORE (28CR)
General Biology I BIO $121 \quad 4$

General Biology II
General Chemistry I Lecture
General Chemistry I Lab
General Chemistry II Lectur
General Chemistry II Lab
Organic Chemistry I Lecture (Fall)
Organic Chemistry I Lab (Fall)
$\begin{array}{lll}\text { Organic Chemistry II Lecture (Spring) } & \text { CHM } 232 & \text { CHM } 233\end{array}$

## ENVIRONMENTAL - TRACK 4 CURRICULUM

General Education Foundation (32 CR) COMMUNICATION (6 CR)

| English Composition I | ENG 111 | 3 |
| :--- | :--- | :--- |
| English Composition II | ENG 112 | 3 |
| MATH/SCIENCE/TECHNOLOGY (11 CR) |  |  |
| Precalculus |  | MAT 123 |
| Biology Elective | 4 |  |
| Math/Science/Technology Elective |  | 3 |
| SOCIAL SCIENCE (3 CR) |  | 3 |

Choose from General Education course list (Social Science) 3 HUMANITIES (3 CR)
Choose from General Education course list (Humanities) 3 SOCIAL SCIENCE OR HUMANITIES (3 CR)

## Choose from General Education course list

GENERAL EDUCATION ELECTIVES (6 CR)
Choose from General Education course list
3
3

ENVIRONMENTAL SCIENCE CORE (28 CR)
General Biology I BIO 121

General Biology II
Ecology
General Chemistry I Lecture
General Chemistry I Lab General Chemistry II Lecture General Chemistry II Lab Probability and Statistics FREE ELECTIVES (4 CR)

## TOTAL

## NUTRITION - TRACK 5 CURRICULUM

General Education Foundation (32 CR)
COMMUNICATION (6 CR)

| English Composition I | ENG 111 | 3 |
| :--- | :---: | :---: |
| English Composition II | ENG 112 | 3 |
| MATH/SCIENCE/TECHNOLOGY (11 CR) |  |  |
| Statistics | MAT 124 | 3 |
| Human Biology | BIO 133 | 4 |
| Introductory Chemistry - Lecture | CHM 117 | 3 |
| Introductory Chemistry - Lab | CHM 118 | 1 |
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MATH/SCIENCE/TECHNOLOGY (11 CR)
Statistics
Human Biology
MAT 124
CHM 117
ntroductory Chemistry - Lab

BIO 1214
BIO 122
BIO 202
CHM 125
CHM 126
CHM 127
CHM 128
MAT 130

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