

Articulation Agreement

Institution: Bristol Community College

Date: Spring 02

Transfer Institution: Roger Williams University

Summary of Benefits

- Guaranteed acceptance with a minimum G.P.A. of 2.5
- Guaranteed scholarships with a minimum G.P.A. of 3.0
- Students transfer as juniors
- Joint Admissions program
- Guaranteed \$10,000 PTK scholarship

| BCC: Liberal Arts, Environmental Science Option | CR | RWU: Environmental Science (B.S.) | CR |
|--|-----------|---|-----------|
| General Courses | | | |
| ENG 11 College Writing | 3 | WTNG 102 Expository Writing | 3 |
| ENG 12 Introduction to Literature | 3 | ENG 100 Storytellers: Introduction to Literature | 3 |
| MTH Elective Students transferring to RWU should take MTH 14 Calculus I as their MTH elective and MTH 15 Calculus II as a free elective if possible | 3 | MTH 213 Calculus I and Lab MTH 214 Calculus II and Lab | 3 |
| CIS 11 Introduction to Computer Information Systems or ETK 13 Computer tools for Engineers | 3 | Business elective or ENGR 115 Computer Applications for Engineering | 3 |
| Behavioral or Social Science elective Students transferring to RWU should choose from SSC 17, SSC 14, GVT 11, ECN 11, ECN 12 | 3 | Behavioral and Social Science Elective | 3 |
| HST 11 West and the World I | 3 | HST 101 History of Western Civ. I | 3 |
| HST 12 West and the World II | 3 | HST 102 History of Western Civ. II | 3 |
| CHM 13 Fundamentals of Chemistry I | 4 | CHEM 191 Principles of Chemistry I/Lab | 4 |
| CHM 14 Fundamentals of Chemistry II | 4 | CHEM 192 Principles of Chemistry II/Lab | 4 |
| BIO 21 Fundamentals of Biological Science I | 4 | BIO 103 Biology I | 4 |
| BIO 22 Fundamentals of Biological Science II | 4 | BIO 104 Biology II | 4 |
| SCI 12 Principles of Ecology | 4 | BIO 240 Concepts of Ecology | 4 |
| Foreign Language electives <i>Successful completion of a foreign language at the 02 level at BCC or</i> | 6 | RWU Elective | 6 |

| | | | |
|--|-----|---|-----|
| <i>three years of foreign language at the high school level with a "C" average or better. Students who meet the high school requirements must replace the 6 language credits with 6 free elective credits or 3 credits of Humanities and 3 credits of free elective.</i> | | | |
| Program Courses/Restricted Electives <i>Students choose from BIO 29, BIO 39, CED 11, CED 12, CHM 20, ENV 11, ENV 15, GLG 16, PHY 01, PHY 02, SCI 19, SCI 32</i> | | SCI 32 and BIO 39 are required courses for a BS in Environmental Science at RWU (see below). | |
| Restricted Elective | 3/4 | | 3/4 |
| Restricted Elective | 3/4 | | 3/4 |
| Restricted Elective | 3/4 | | 3/4 |
| Restricted Elective | 3/4 | | 3/4 |

The following courses are required at RWU, either for a major or as College or University requirements. Some of these courses may be taken at BCC as electives – if so, the equivalencies are indicated.

| <u>RWU Course</u> | <u>Credits</u> | <u>BCC Course</u> | <u>Credits</u> |
|---|----------------|--|----------------|
| WTNG 202 Critical Writing | 3 | ENG 14 Critical Writing | 3 |
| COMM 210 Introduction to Speech Communications | 3 | SPH 11 Fundamentals of Speech | 3 |

The 5 – course core concentration must be completed. This could be an extension of courses started at BCC. Environmental Science majors *may not* take a Core Concentration in Biology, Chemistry or Environmental Science. A Study Abroad Program is an alternative way of completing a core concentration. (Maximum of 15 credits)

Core Interdisciplinary Senior Seminar: Must be taken at RWU. One of the Study Abroad Programs is an option. (3 credits)

Courses for the Major:

| <u>RWU Course</u> | <u>Credits</u> | <u>BCC Course</u> | <u>Credits</u> |
|--|----------------|-------------------|----------------|
| NATSC 101 Introduction to | | | |

| | | | |
|---|------------|---|------------|
| Environmental Science/ lab | 4cr | | |
| NATSC 104 Principles of Oceanography/lab | 4cr | | |
| BIO 240 Concepts of Ecology/ lab 4cr | 4cr | SCI 12 Principles of Ecology | |
| Bio 360 Limnology/lab | 4cr | | |
| CHEM 191 Principles of Chemistry I/Lab | 4cr | CHM 13 Fundamentals of Chem I | 4cr |
| CHEM 192 Principles of Chemistry II /Lab | 4cr | CHM 14 Fundamentals of Chem II | 4cr |
| CHEM 201 Environmental Chemistry I | 4cr | | |
| CHEM 202 Environmental Chemistry II | 4cr | | |
| MATH 213 Calculus I/Lab | 4cr | MTH 14 Calculus I/Lab | 4cr |
| MATH 214 Calculus II /Lab | 4cr | MTH 15 Calculus II/Lab | 4cr |
| MATH 315 Problems & Statistics | 3cr | | |
| PHYS 201 Physics I /Lab | 4cr | | |
| PHYS 202 Physics II/Lab | 4cr | | |
| Five courses chosen from: | | | |
| NATSC 301 Marine Resource Management | 3cr | | |
| NATSC 305 Marine Geology | 3cr | | |

NATSC 401
Environmental Toxicology/Lab **4cr**

BIO 230
Microbiology **4cr**

BIO 39
Microbiology **4cr**

BIO 312
Conservation Biology **3cr**

ENVR 345
Applied Meteorology **3cr**

PLS 200
Environmental Law **3cr**

Two courses chosen from:

BIO 210
Botany/Lab **4cr**

BIO 220
Marine Vertebrate Zoology/Lab **4cr**

BIO 225
Evolution **3cr**

BIO 302
Ichthyology/Lab **4cr**

BIO 315
Animal Physiology/Lab **4cr**

BIO 340
Biotechnology/Lab **4cr**

BIO 345
Aquaculture/Lab **4cr**

SCI 32
Aquaculture: Intro to Prin./
Prac. **4cr**

BIO 355
Marine Phycology/Lab **4cr**

BIO 390
Biochemistry/Lab **4cr**

CHEM 301

Organic Chemistry I /Lab **4cr**

CHEM 302

Organic Chemistry II/Lab **4cr**

And

An Environmental Science Internship

**To view the complete BCC/RWU Environmental Science Articulation Agreement
click here**