

ARTICULATION AGREEMENT

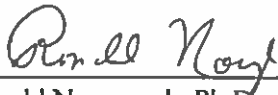
Hagerstown Community College

Associate of Science (A.S.) in Environmental Studies

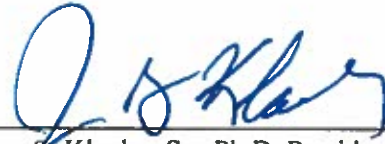
Frostburg State University

Bachelor of Science (B.S.) in Biology, Environmental Studies Concentration

Entered into this Fifth of December, 2018
(Date) (Month)



Ronald Nowaczyk, Ph.D., President
Frostburg State University

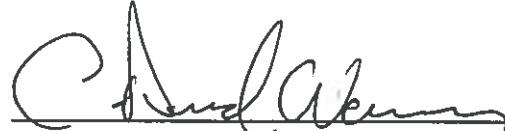


James S. Klauber Sr., Ph.D. President
Hagerstown Community College



Elizabeth Throop, Ph.D., Provost

Frostburg State University



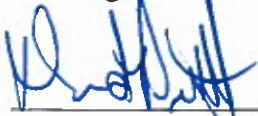
C. David Warner, Vice President Academic
Affairs and Student Services
Hagerstown Community College



Dorothy Campbell, Ph.D., Interim Dean
College of Liberal Arts and Science
Frostburg State University



Laurie Montgomery
Director, Mathematics and Science Division
Hagerstown Community College



David Puthoff, Ph.D.
Chair, Department of Biology
Frostburg State University

This agreement is effective with new Frostburg State University admits Fall 2019. This agreement will be reviewed annually.

ARTICULATION AGREEMENT

Hagerstown Community College, Associate of Science in Environmental Studies and Frostburg State University, Bachelors of Science in Biology, Environmental Sciences Concentration.

RECITALS

Hagerstown Community College (hereafter referred to as "HCC"), a community college in Washington County, Maryland, and Frostburg State University ("FSU"), a comprehensive regional institution in Western Maryland and a constituent institution of the University System of Maryland, agree to offer an articulated program leading to the award of an Associate of Science (A.S.) in Environmental Studies and a Bachelor of Science (B.S.) in Biology, Environmental Sciences Concentration. The parties further agree that students from HCC, through this articulation agreement, will be permitted to transfer credits earned for the A.S. at HCC to FSU, leading to the award of the B.S. degree in Biology, Environmental Sciences Concentration at FSU.

I. Purpose

- a. It is the intent that this articulation agreement will facilitate a smooth transition from HCC's Environmental Studies program to the B.S. in Biology at FSU. As a result of this articulation agreement, HCC graduates will understand how FSU transfers the credits earned at HCC, as well as the changes in requirements that may permit more flexible scheduling once the student has been admitted to and enrolled at FSU. This agreement provides a systematic plan for students to receive both the A.S. degree from HCC and the B.S. degree in Biology from FSU.
- b. This agreement sets forth a clear set of responsibilities and expectations for both institutions. The parties agree to work collaboratively to meet the needs of HCC graduates in facilitating transfer to FSU.
- c. HCC encourages graduates to continue their educational pathway in Biology for both personal and professional development, as well as career advancement in the profession. This articulation agreement for completion of the B.S. in Biology facilitates students' successful achievement of credentials in the field.

II. Requirements of the Program

- a. The program is designed for graduates of the A.S. in Environmental Studies at Hagerstown Community College. Students must complete the A.S. degree at HCC in order to participate in the transfer program. A maximum of seventy (70) credit hours from ACM will be allowed toward fulfillment of the one hundred twenty (120) credit hours required for completion of the B.S. degree. Students are limited to a maximum of ninety (90) credits when transferring courses from other four-year colleges and universities.
- b. Environmental Studies students from HCC will have their coursework evaluated by FSU to determine which FSU general education requirements and discipline requirements have been met. HCC courses shall be evaluated by FSU for transferability, and FSU shall accept courses for transfer at its sole discretion. By

taking full advantage of the ACM-FSU course agreements described below, the transfer student will matriculate at FSU with junior standing.

- c. In accordance with Code of Maryland Regulations (COMAR), all courses meeting general education requirements at HCC will transfer to FSU as general education courses (up to a maximum of 36 credits).
- d. Students must maintain a minimum of a 2.0 cumulative grade point average in order to transfer to the FSU Biology (Environmental Studies concentration) Program.
- e. The maximum number of credits that will be accepted by FSU toward degree requirements from non-direct classroom instruction (including CLEP, AP, IB and FSU Special Departmental examination scores) is thirty (30) credits. Tech Prep credits will transfer where appropriate, as will credit awarded for experiential learning (“life experience”) if recorded on HCC’s transcript.
- f. While HCC and FSU do not presently have a dual admission program, if the parties later enter into such a program, this agreement will not preclude students from participation and students may apply for and receive the benefits of dual admission. Those students shall then be subject to the policies of said program should they apply.
- g. HCC students who have completed the A.S. in Environmental Studies degree will be given every consideration for financial assistance and will be eligible to compete for academic scholarships at FSU.
- h. This agreement becomes effective on the date set forth on the first page of this document. HCC and FSU agree to publicize this program. The parties further agree to monitor the performance of the program and to make revisions as may be mutually agreed upon as necessary. Curricula for Environmental Studies programs undergo frequent change and this agreement will be amended to reflect such changes as they occur. Amendments will be made in writing and appended to this agreement. Amendments need only be approved by the deans and chairs from both institutions.
- i. This agreement may be terminated by either party with ninety (90) days written notice to the other. The parties agree that termination shall include an agreement that students currently enrolled in the program at the time of termination shall be permitted to complete the program as described herein.

III. A.S. in Environmental Studies-B.S. in Biology Transfer Courses

The following indicates the transfer of course agreement between the HCC and FSU:

- a. General Education Requirements to be completed at HCC

HCC GEP Requirements	HCC	Transfers to FSU as:
ENGLISH COMPOSITION (3cr.)	ENG 101	ENGL 101
ARTS/HUMANITIES (6cr.)	Any approved General Education course in Arts/Humanities except PHL 101	Group A (Fine and Performing Arts) or Group B (Humanities)- One of three courses required
SOCIAL SCIENCES (6cr.)	ECO 201 And POL 101	ECON 201 and Group D (Social and Behavioral Sciences) POSC110
MATHEMATICS (3cr.)	MAT 109 (3cr.) satisfies FSU GEP and Biology requirements Or MAT 161	MATH 109 and GEP Core Skill in Math MATH 120 and GEP Core Skill in Math
NATURAL SCIENCE (8cr.)	BIO 113 and CHM 103 (8cr.)	Group C: BIOL 149 and CHEM 201 (Required under the Biology transfer program)
DIVERSITY (3cr.)	Any approved General Education course in Diversity category (3cr.)	Group F: (Identity and Difference)

Total General Education Credits Taken at HCC = 29

b. FSU Biology Requirements to be completed at HCC

In addition to the general education requirements indicated in the preceding section of this articulation agreement, the B.S. degree with a major in Biology, Environmental Science Concentration at FSU requires students to successfully complete the following course work:

Frostburg State University			HCC Program Equivalent
Course Number	Course Title	Credit Hours	
BIOL 149	General Biology I		BIOL 113 (Already counted in GEP above)
BIOL 160	General Zoology	4.0	BIOL 114
BIOL 304	Microbiology	4.0	BIOL 205 (Restricted elective)
BIOL 310	Cell Biology	4.0	BIOL 201 (Restricted elective)
CHEM 201	General Chemistry I		CHM 103 (Already counted in GEP above)

CHEM 202	General Chemistry II (or CHEM 133)	4.0	CHM 104 (Restricted elective)
MATH 109 OR MATH 120	Elements of Applied Probability and Statistics OR Pre-calculus		MAT 109 or MAT 161 (Already counted in GEP above)
ECON 201	Macroeconomics		ECO 201 (Already counted in GEP above)
ECON 202	Microeconomics	3.0	ECO 202 (Free elective)
POSC 110	Intro. to American Politics		POL 101 (Already counted in GEP above)

Total Program Credits Taken at HCC = 19

Frostburg State University			HCC Program Equivalent
Course Number	Course Title	Credit Hours	
BIO 195	No equivalency at FSU: awarded BIO 195	4.0	ENV 201
BIO 195	No equivalency at FSU: awarded BIO 195	4.0	ENV 202
BIO 195	No equivalency at FSU: awarded BIO 195	3.0	ENV 203
BIO 195	No equivalency at FSU: awarded BIO 195	3.0	ENV 204

Each of HCC's ENV courses will transfer as BIO 195 = 14 total credits

Total Transfer Credits Required = 62

*Only 60 credits are required for graduation from HCC

*Maximum Transfer Credits Allowed: 70 credits

c. Additional General Education Requirements to be completed primarily at FSU:

Additional FSU GEP Requirements	FSU	HCC Equivalent One additional course maximum
Advanced composition (3cr.)	See approved list. ENGL 338 or 339 preferred.	None. Must be 300-400-level completed at a four-year college
Group B: Humanities (3cr.)	If not selected for HCC ARTS/HUM course. Must be different discipline (not PHIL). See approved list of choices in history/languages/literature.	HIS 208 or HUM 208 (third of three A/H courses required)

Group E: The FSU Colloquia (3 cr.)	IDIS 150/151 or IDIS/SUST 155	None
Tech. Fluency requirement (3cr.)	See approved list.	IST 102

Total Additional FSU General Education Requirements = 12

d. Biology, Environmental Studies Concentration Requirements to be completed at FSU

Frostburg State University			Notes
Course Number	Course Title	Credit Hours	
BIOL 161	General Botany	4.0	
BIOL 350	Genetics	3.0	
BIOL 402	Evolution	3.0	
BIOL 340	General Ecology	4.0	
BIOL 494	Field Exp.	6.0	
BIOL 406 Or BIOL423 Or BIOL426	Ornithology Mammalogy Vertebrate Zoology	4.0	
BIOL 425	Forest Ecology and Cons	3.0	
BIOL450 Or BIOL420	Ecology and Mngt. Wld. Pop. Fish Manag/Cult	3.0	
GEOG 473	Environmental Law	3.0	
CHEM 420	Env. Chem. Analysis	4.0	
Restricted Electives	From two groups Advanced Econ. / Advanced Pol.Sci. / Advanced Humanities	6.0	
MATH 109 or MATH 120	Elements of Applied Probability and Statistics OR Precalculus	3.0	Must complete whichever of these two courses that was not taken at HCC

Total Program Credits taken at FSU = 46

TOTAL CREDITS REQUIRED FOR BACHELORS DEGREE= 120

e. Course Sequencing

Environmental Studies students transferring to the Biology, Environmental Studies Concentration Program at FSU shall be notified by HCC and FSU that the Biology, Environmental Studies

Concentration curriculum is built upon a series of established course sequences. For students to progress through the program, they must have the appropriate pre-requisites, co-requisites, and must maintain a minimum 2.0 GPA.

III. Contact Information

Students wishing to participate in the program should develop an education plan at HCC by contacting:

Laurie Montgomery
Department Chair, Mathematics and Science Division
240-500-2248
lmontgomery@hagerstowncc.edu

HCC will direct students interested in participating in the Environmental Studies Transfer program to apply for admission to FSU, indicating Biology, Environmental Studies as the intended major. Applications can be submitted online at: <https://www.applyweb.com/frost/index.ftl>.

Contact person at FSU for the program is:

Dr. David Puthoff
Chair, Department of Biology
Frostburg State University
301-687-4172
dpputhoff@frostburg.edu