

ARTICULATION AGREEMENT

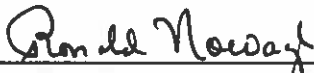
Hagerstown Community College

Biology Option, Arts and Sciences, A.S.

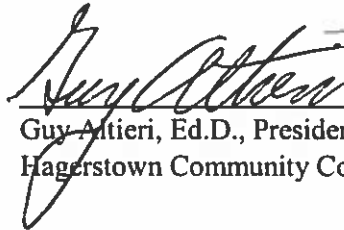
Frostburg State University

Bachelor of Science (BS) in Biology

Entered into this 17th of October, 2016
(Date) (Month)



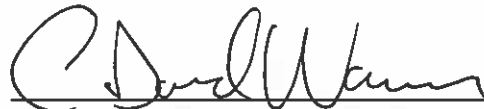
Ronald Nowaczyk, Ph.D., President
Frostburg State University



Guy Altieri, Ed.D., President
Hagerstown Community College



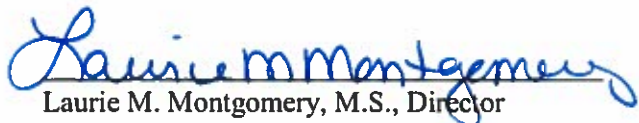
Ahmad Tootoonchi, Ph.D., Interim Provost
Frostburg State University



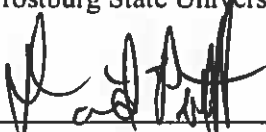
C. David Warner, Ed.D., Vice President
Academic Affairs and Student Services
Hagerstown Community College



Joseph M. Hoffman, Ph.D., Dean
College of Liberal Arts and Science
Frostburg State University



Laurie M. Montgomery, M.S., 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 2016. This agreement will be reviewed annually.

ARTICULATION AGREEMENT

Hagerstown Community College, Biology Option, Arts and Sciences, A.S. and
Frostburg State University, Bachelor's of Science in Biology.

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 Biology Option, Arts and Sciences, A.S. Degree and a Bachelor of Science (B.S.) in Biology. 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 at FSU.

I. Purpose

- A. It is the intent that this articulation agreement will facilitate a smooth transition from HCC's Biology 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. degree in Art and Sciences, Biology Option at HCC. 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 HCC will be allowed toward fulfillment of the one hundred twenty (120) credit hours required for completion of the B.S. degree.
- B. After completion of the A.S., and upon admittance by FSU, the student may commence the B.S. in Biology.
- C. Biology 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 HCC-FSU course agreements described below, the transfer student will matriculate at FSU with junior standing.
- D. In accordance with Code of Maryland Regulations (COMAR), all courses meeting general education requirements at HCC will transfer to FSU as general education courses.
- E. Students must maintain a 2.0 cumulative grade point average at HCC in order to transfer to the FSU B.S. in Biology Program.
- F. The maximum number of credits that will be accepted by FSU toward degree requirements from non-direct classroom instruction (including CLEP, AP, and other nationally recognized standardized examination scores) is thirty (30) credits. Tech Prep credits will transfer if recorded on HCC's transcript. Credit awarded for experiential learning ("life experience") is recognized by, and is transferable to, FSU if recorded on HCC's transcript.
- G. HCC students who have completed the A.S. in Arts and Sciences, Biology Option 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. Changes or amendments to this agreement must be made in writing and appended to this agreement.
- I. This agreement may be terminated by either party with one year 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 Arts and Sciences, Biology Option- 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 (3cr.)	ENGL 101
ENGLISH (3cr)	ENG 201, ENG 202, ENG 203, ENG 204, ENG 205 or ENG206	ENGL 150
ARTS/HUMANITIES (3cr.)	Any approved General Education course in Arts/Humanities <u>except PHL 101</u>	Group A (Fine and Performing Arts) or Group B (Humanities)- One of three courses
ARTS/HUMANITIES (3cr.)	PHL 101	PHIL 101 (Group B)
SOCIAL SCIENCES (6cr.)	Any approved General Education course in Behavioral/Social Sciences <u>except HIS courses</u>	Group D (Social and Behavioral Sciences)
MATHEMATICS (3-4cr.)	MAT 101 (3cr.), 161 (3cr.), or 203 (4cr.) satisfies FSU GEP and Biology requirements)	GEP Core Skill in math and required in biology transfer degree program
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 = 32 - 33

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 BS degree with a major in Biology 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	4.0	BIO 113 (GEP)
BIOL 160	General Zoology	4.0	BIO 114
BIOL 304	Microbiology	4.0	BIO 205
BIOL 310	Cell Biology	4.0	BIO 201
CHEM 201	General Chemistry I	4.0	CHM 103 (GEP)
CHEM 202	General Chemistry II	4.0	CHM 104
CHEM 311/312	Organic Chemistry I + O. Chem. Lab	4.0	CHM 203
CHEM 321/322	Organic Chemistry II + O. Chem. Lab	4.0	Program elective: CHM 204
PHYS 215	General Physics I	4.0	PHY 201

Additional courses such as PHY 202 and MAT 109 could be taken at HCC and transferred to FSU. Total transferred credits cannot exceed 70

C. HCC Program Requirements Transferred 60 credits

D. Total Transfer credits required: 60 credits

E. Maximum Transfer Credits Allowed: 70 credits

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

Total Additional FSU General Education Requirements= 9cr. Total General Education Requirements at HCC and FSU = 41-42cr.

G. Biology Degree Requirements to be completed at FSU

Frostburg State University			Notes
Course Number	Course Title	Credit Hours	
BIOL 161	General Botany	4	
BIOL 350	Genetics	3	
BIOL 402	Evolution	3	
BIOL 340	General Ecology	4	
BIOL 496	Seminar in Biology	1	
BIOL300-455	Group 3 electives	12	
MATH 109	Elem. Prob. and Stat.	3	
PHYS 216	General Physics II	4	
Total Credits Taken at FSU = 34			
TOTAL CREDITS REQUIRED FOR BACHELOR'S DEGREE= 120			

H. Course Sequencing

Biology students transferring to the Biology Program at FSU shall be notified by HCC and FSU that the Biology 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.

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

Cynthia A. Dove, Ph.D.
 Associate Professor, Biotechnology
 240-500-2477
cadove@hagerstowncc.edu

HCC will direct students interested in participating in the Biology Transfer program to apply for admission to FSU, indicating Biology as the intended major. Applications can be submitted online at www.frostburg.edu.