

The following page indicates the **course-to-course equivalency**, including general education requirements, as agreed upon within the articulation agreement between the Associate of Sciences Degree, Biology, of Harford Community College and the Bachelor of Science program in Biology at Sweet Briar College.

HARFORD COMMUNITY COLLEGE to SWEET BRIAR COLLEGE					
HCC Course	Area Satisfied	Credits	Sweet Briar College Equivalent	Credits	Area Satisfied
BIO 120: General Biology I (GL)	Program Req.	4	BIOL 112: Intro to Cells & BIOL 113	4	Prog Req & CORE 160
CHEM 111: General Chemistry I (GL)	Program Req.	4	CHEM 131 & CHEM 141: Gen Chem I w/Lab	4	Prog Req
ENG 101: English Composition (GE)	General Ed. Req.	3	ENGL 1XX	3	CORE 120
Choose from PS (GB) or ECON (GB)*	General Ed. Req.	3	Recommend POLS or ECON course	3	CORE 140
Physical Education Elective	Program Req.	1	PHED 1XX	1	Elective
BIO 121: General Biology II (GL)	Program Req.	4	BIOL 111: Intro to Organisms	4	Prog Req
CHEM 112: General Chemistry II A (GL)	Program Req.	4	CHEM 252 & CHEM 253: Quant/Analy Chem	4	Prog Req
MATH 109: Precalculus Mathematics (GM) OR MATH 203: Calculus I (GM)	Program Req. / Gen. Ed. Req.	4	Recommend MATH 203 (Calculus I)	4	Prog Req & CORE 170
Arts/Humanities Elective (GH)* (ART 121 is recommended)	General Ed. Req.	3	Recommend ART 121	3	CORE 150
CHEM 207: Organic Chemistry I	Program Req.	4	CHEM 231 & CHEM 233: Organic Chem I w/Lab	4	Prog Elective
Program Elective**/** <i>Recommend BIO 205: Microbiology</i>	Program Elective(s)***	4	Recommend BIO 205 (Microbiology)	4	Prog Elective
PHYS 101: Introductory Physics I (GL)	Program Req.	4	PHYS 1XX	4	Prog Elective
BIO 208: Genetics	Program Req.	4	BIOL 205: Genetics	4	Prog Req
CHEM 208: Organic Chemistry II	Program Req.	4	CHEM 232 & CHEM 234: Organic Chem II w/Lab	4	Prog Elective
PHYS 102: Introductory Physics II (GL)	Program Req.	4	PHYS 1XX	4	Elective
Arts/Humanities Elective (GH)* Any (GH) course except CMST 210, MC 105, MC 208, PHIL, RELG	General Ed. Req.	3	Any (GH) course except CMST 210, MC 105, MC 208, PHIL, RELG	3	CORE 150
Behavioral/Social Science Elective (GB)* <i>Recommend PSY 101: Intro to Psychology</i>	General Ed. Req.	3	Recommend PSY 101	3	Prog Elective
Total:		60		60	

***Diversity Requirement:** one 3-credit general education course for either GH or GB must be a designated diversity (D) course.

****Program Electives: (Select to complete 60 credits):**

BIO 107: General Zoology (4); BIO 110: Introduction to Plant Sciences (4); BIO 124: Foundations of Biotechnology (3); BIO 125: Laboratory Methods for Biotechnology (1); BIO 191: Independent Study: Biology (1); BIO 192: Independent Study: Biology (2); BIO 193: Independent Study: Biology (3); BIO 202: Biodiversity (3); BIO 203: Anatomy and Physiology I (4); BIO 204: Anatomy and Physiology II (4); BIO: 205 Microbiology (4); BIO: 210 Nutrition (3); MATH 203: Calculus I (4); MATH 204: Calculus II (4); General Elective (1-4)

***Students who choose a 3 credit program elective option should choose to complete one credit of general elective to satisfy the program elective requirement. The one credit general elective will transfer to SBC toward general elective credit requirements.

Note: Students who choose not to complete the recommended courses may have to satisfy these requirements upon transferring to Sweet Briar College.

All HCC transfer students seeking the Bachelor of Science program in Biology at Sweet Briar College must successfully complete the following course work required for the program and degree:

Sweet Briar College Remaining Program & Degree Requirements		
SBC Course Information	Credits	Notes
Leadership Core Requirements: 15 credits		
CORE 110; CORE 130; CORE 210; CORE 220; CORE 310	15	Remaining CORE courses to be taken at SBC
Other Biology Program Course Requirements: 24-25 credits		
BIOL 310: Evolution	4	
BIOL 324: Ecology	4	
BIOL 453: Senior Exercise	3	
Additional Biology Electives	13-14	13-14 credits in biology, including at least 2-3 lab courses, one of which must be at 300-level or above; credits & lab courses depend on whether BIO 202 or 205 was taken at HCC
Other Program Course Requirements: 20-21 credits		
General Electives	20-21	
Total Credits: 120		

SUMMARY:

Total credits hours to transfer from Harford Community College: 60

Total credit hours needed in Leadership Core at SBC: 15

Total credit hours of Required Major Courses at SBC: 24-25

Total credit hours of Other Program Requirements to be satisfied at SBC: 20-21 credits
in general electives

Total credit hours for B.S. degree from SBC: 120