

**HAGERSTOWN COMMUNITY COLLEGE (HCC) & SHIPPENSBURG UNIVERSITY (SU)
TRANSFER GUIDE FOR BIOLOGY ARTS AND SCIENCES A.S. AT HCC
TO BIOLOGY B.S. (BIOLOGY, BIOTECHNOLOGY, CLINICAL SCIENCES, ECOLOGY, HEALTH
PROFESSIONS, SECONDARY EDUCATION) AT SHIPPENSBURG UNIVERSITY**

HCC COURSE	CRS.	SHIPPENSBURG UNIV. EQUIV. COURSE /AREA SATISFIED	CRS.
General Education Requirements			
Arts/Humanities Course except PHL 101	3	General Education Requirement ^B	3
Arts/Humanities Course except PHL 101	3	General Education Requirement ^B	3
ECO 201 or ECO 202 or POL 101	3	General Education Requirement ^D	3
PSY 101 or SOC 101	3	General Education Requirement ^E	3
BIO 113 or BIO 101	4	BIO 161 Principles of Bio: Org Diversity ^C	4
BIO 114 or BIO 102	4	BIO 162 Princ of Bio: Cell Struc & Func/Req	4
Diversity Course (Recommend GEO 105)	3	GEO 101 World Geography ^D	3
ENG 101 English Composition	3	ENG 114 Writing Intensive First Year Seminar ^R	3
SPD 103 or SPD 108	3	HCS 100 Intro to Human Communication ^R	3
MAT 101 or approved MAT Course	3	MAT 140B College Algebra/Elective	3
Total Credits	32-33	Total Credits	32
Program Requirements			
BIO 201 Cell Biology and Genetics	4	BIO 260 Genetics/Requirement	4
CHM 103 General Chemistry I	4	CHM 121 Chem Bonding & CHM 125 ^C /Req	4
CHM 104 General Chemistry II	4	CHM 122 Chem Dynamics & CHM 126/Req	4
CHM 203 Organic Chemistry I	4	CHM 221 Organic Chem I & CHM 225/Req	4
CHM 204 Organic Chemistry II	4	CHM 222 Organic Chem II & CHM 226/Req	4
AND/OR (See the Shippensburg University transfer advisor about what sequence to take)			
PHY 201 General Physics I	4	PHY 121 Intro Physics I & PHY 123 ^C /Req	4
PHY 202 General Physics II	4	PHY 122 Intro Physics II & PHY 125/Req	4
Total Credits	24-32	Total Credits	24-32
Recommended Electives			
MAT 109 Introduction to Statistics	3	MAT 117 Applied Statistics ^A	3
MAT 161 Pre-Calculus (if needed)	4	MAT 175 Pre-Calculus/Elective	3
MAT 203 Calculus I	4	MAT 211 Calculus I ^R	3
Total Credits	3-11	Total Credits	3-11
PROGRAM TOTAL CREDITS	60-76	TRANSFERABLE CREDITS	60-76

Overview of Shippensburg University's General Education Program

The General Education Program at Shippensburg University comprises forty-eight of the credit hours required for graduation.

-Part 1: ^RRequired Skills and Competencies (Basic Skills Requirements) 15 credits

- This specific set of courses is required to be completed by all students
- ENG 114, HCS 100, College Level Math, HIS 105, HIS 106

-Part 2: Categories of Knowledge 35 credits

- ^ACategory A Logic & Numbers for Rational Thinking (1 course – 3 credits)
- ^BCategory B Linguistic, Literary, Artistic, & Cultural Traditions (3 courses – 9 credits)
- ^CCategory C Biological & Physical Sciences (3 courses – 9 credits)
- ^DCategory D Political, Economic, and Geographic Sciences (2 courses – 6 credits)
- ^ECategory E Social and Behavioral Sciences (2 courses – 6 credits)

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TRANSFER GUIDE FOR BIOLOGY**

NOTES (IMPORTANT, PLEASE READ)

1. Additional transfer credits may be taken at HCC for transfer to Shippensburg. Please speak with your advisor and/or the SU transfer advisor for advisement on additional coursework.
2. 0-Level courses **do not** count toward graduation requirements and **will not transfer**.
3. Courses for Shippensburg University have been selected by joint agreement of HCC and SU. However, curricula are subject to change. This guide should be used with the assistance of a HCC Counselor/Advisor. Following the guide does not guarantee transfer of credit or admission into Shippensburg University. Please speak with your advisor and/or the SU transfer advisor if you have any questions. A transfer advisor from Shippensburg University visits HCC on a monthly basis throughout the academic year. Call the SU Office of Admissions or check the SU website at www.ship.edu for the specific day and time.

FOR FURTHER INFORMATION CONTACT

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