

2+2 Biology Transfer Agreement with Shepherd U and Hagerstown CC

| Hagerstown Community College Course | | | | Shepherd University Equivalent Course | | | |
|-------------------------------------|---|--------------|-------|---------------------------------------|---|------------------|--------------|
| YEAR ONE | | | | YEAR ONE | | | |
| Fall Course ID | Course Title | Cred. | CORE | Fall Course ID | Course Title | Cred. | CORE |
| ENG 101 | English Composition I | 3 | | ENGL 101 | Writing and Rhetoric I | 3 | T1-ENG |
| MAT 109 or MAT 203* | Introduction to Statistics OR Calculus I | 3 | | MATH 314 OR MATH 205 | Statistics OR Calculus with Applications | 3-4 | T1-MA |
| CHM 103 | General Chemistry I | 4 | | CHEM 207/207L | General Chemistry I | 4 | |
| BIO 113 | Principles of Biology I | 4 | | BIOL 211 | Fundamentals of Biology I - Molecular | 4 | T1-LS |
| FALL TOTAL | YEAR 1 | 14hrs | | FALL TOTAL | YEAR 1 | 14-15 hrs | |
| Spring Course ID | Course Title | Cred. | CORE | Spring Course ID | Course Title | Cred. | CORE |
| ENG 102 | English Composition II | 3 | | ENGL 102 | Writing and Rhetoric II | 3 | T1-ENG |
| ART 101 or MUS 101 | Intro to Visual Arts or Music Appreciation | 3 | AR/HM | ART 103 or MUSC 111 | Intro to Visual Arts or Intro to Music (GL) | 3 | T2-AR |
| ECO201, ECO202, PSY101, or SOC101 | Macroeconomics Prin., Microeconomics Prin., General Psychology, or Intro to Sociology** | 3 | | ECON205, ECON206, PSYC101, or SOCI203 | Prin. of Macroeconomics, Prin. of Microeconomics, Intro to Psychology, or Gen. Sociology (GL, CK, MD) | 3 | T2-SO |
| CHM 104 | General Chemistry II | 4 | | CHEM 209/209L | General Chemistry II | 4 | |
| BIO 114 | Principles of Biology II | 4 | | BIOL 212 | Fundamentals of Biology II - Diversity | 4 | T1-LS |
| SPRING TOTAL | YEAR 1 | 17hrs | | SPRING TOTAL | YEAR 1 | 17hrs | |
| YEAR TWO | | | | YEAR TWO | | | |
| Fall Course ID | Course Title | Cred. | CORE | Fall Course ID | Course Title | Cred. | CORE |
| GEO 105 | World Regional Geography | 3 | DIV | GEOG 202 | World Regions (GL) | 3 | T2-SO |
| ECO201, ECO202, PSY101, or SOC101 | Macroeconomics Prin., Microeconomics Prin., General Psychology, or Intro to Sociology** | 3 | | ECON205, ECON206, PSYC101, or SOCI203 | Prin. of Macroeconomics, Prin. of Microeconomics, Intro to Psychology, or Gen. Sociology (GL, CK, MD) | 3 | T2-SO |
| BIO 203 | Human Anatomy & Physiology I | 4 | | BIOL 225/227 | Human Anatomy & Physiology I w/lab | 4 | |
| PHY 201 | Gen Physics I | 4 | | PHYS 201/201L | College Physics I w/Lab | 4 | |
| FALL TOTAL | YEAR 2 | 14hrs | | FALL TOTAL | YEAR 2 | 14hrs | |
| Spring Course ID | Course Title | Cred. | CORE | Spring Course ID | Course Title | Cred. | CORE |
| GEN ED | Arts and Humanities | 3 | | FREE ELECTIVE | Elective | 3 | |
| BIO 204 | Human Anatomy & Physiology II | 4 | | BIOL 226/228 | Human Anatomy & Physiology II w/lab | 4 | |
| PHY 202 | General Physics II | 4 | | PHYS 202/202L | College Physics II | 4 | |
| BIO 201 or BIO 205 | Cell Biology or Microbiology | 4 | | BIOL 305 or BIOL 302 | Cell Biology or Microbiology | 4 | |
| SPRING TOTAL | YEAR 2 | 15hrs | | SPRING TOTAL | YEAR 2 | 15hrs | 60-61 |

** Take either ECO201 or ECO202, but cannot take both to satisfy Social Science Core at Shepherd University

Shepherd University Courses (minor not Chemistry)

| YEAR THREE | | | | YEAR THREE | | | |
|-------------------|-----------------------------------|--------------|----------------|-------------------------|--|----------------|------------|
| Fall Course ID | Shepherd Course Title | Cred. | CORE | Spring Course ID | Shepherd Course Title | Cred. | CORE |
| BIOL 303 | General Ecology | 4 | | BIOL 406 | Developmental Biology | 4 | |
| BIOL 344 | Genetics | 4 | | MATH 205 or MATH 314 | Calculus with Applications or Statistics | 4 or 3 | |
| MINOR | Minor Course | 3 | | MINOR | Minor Course | 3 | |
| GEN ED | Wellness Core | 3 | T2-WE | MINOR | Minor Course | 3 | |
| | | | | GEN ED | History Core | 3 | T1-HIST |
| | | | | | | | |
| | | | | | | | |
| FALL TOTAL | YEAR 3 | 14hrs | | SPRING TOTAL | YEAR 3 | 16-17 | hrs |
| YEAR FOUR | | | | YEAR FOUR | | | |
| Fall Course ID | Shepherd Course Title | Cred. | CORE | Spring Course ID | Shepherd Course Title | Cred. | CORE |
| BIOL 425 | Principles of Biological Research | 4 | T2-WM / CAP | BIOL 300+ | Biology Elective 4 of 4 | 4 | |
| BIOL 300+ | Biology Elective 2 of 4 | 4 | | BIOL 300+ | Biology Elective 3 of 4 | 4 | |
| MINOR 300+ | Minor Course | 3 | | MINOR 300+ | Minor Course | 3 | |
| MINOR 300+ | Minor Course | 3 | | GEN ED | Humanities Core | 3 | T2-HM |
| GEN ED | Humanities Core | 3 | T2-HM | | | | |
| FALL TOTAL | YEAR 4 | 17hrs | | SPRING TOTAL | YEAR 4 | 14hrs | |
| | | | | | | | |
| | | | TOTAL | CREDITS | FOR ALL FOUR YEARS | 121-123 | |

Approved By: Mary J.C. Hendrix 5-14-18
 Mary J.C. Hendrix, President
 Shepherd University
 Date

Approved By: Carol A. Rothstein 5-14-18
 Carol A. Rothstein, Acting Chief Academic Officer
 on behalf of C. David Warner, Interim President
 Hagerstown Community College
 Date