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| **Blue Ridge CTC Biology Specialization (9-Adult) for transfer to Shepherd University** |
| BRCTC Course |  | Equivalent SU Course |
| Year 1 - Semester **1** |
| EDUC 150 | Seminar in Education | 1 | EDUC 150 | Seminar in Education |
| ENGL 101 | Written English I | 3 | ENGL 101 | Writing and Rhetoric I |
| MATH 114 | Elementary Probability & Statistics | 3 | MATH 109 | Statistical Reasoning |
| BIOL 101 | General Biological Science (B or better) | 4 | BIOL 104\* (BIOL21l) | General Biology |
| HIST 101 *or*HIST 102 | Early Man to 1500 *or*Renaissance to Modem | 3 | HIST 101 *or*HIST 102 | History Civ: Ancient Worlds *or*History Civ : Change &Global |
| BIOL 120 & BIOL 121 | Anatomy & Physiology I - lecture & lab | 4 | BIOL225 & BIOL 227 | Anatomy & Physiology I - lecture & lab |
|  |  | **18** |  |  |
| Year **1** - Semester 2 |
| EDUC200 | Foundations of Education | 3 | EDUC200 | Foundations of American Education |
| CHEM 125 | Intro to College Chemistry (B or better) | 4 | CHEM101/101L\*(207/207L) | Chemistry in Society & Lab |
| ENGL 102 | Writing for Arts & Humanities | 3 | ENGL 102 | Writing and Rhetoric II |
| BIOL 102 | General Biological Science (B or better) | 4 | BIOL 103\* (BIOL 212) | General Biology |
| BIOL 122 & BIOL 123 | Anatomy & Physiology II - lecture & lab | 4 | BIOL226 & BIOL 228 | Anatomy & Physiology II - lecture & lab |
|  |  | **18** |  |  |
| Year 2 - Semester **1** |
| EDUC260 | Survey of Exceptional Child | 3 | EDUC360 | Survey of Exceptional Child |
| EDUC292 | Praxis Prep | 1 | ELECTIVE | Education Elective |
| COMM202 | Fundamentals of Speech | 3 | COMM202 | Fundamentals of Speech |
| ART 103 *or*MUSC 111 | Introduction to Visual Arts *or*Introduction to Music | 3 | ART 103 *or*MUSC 111 | Introduction to Visual Arts *or*Introduction to Music |
| BIOL 220/221 | Microbiology | 4 | BIOL 302 | Microbiology |
|  |  | **14** |  |  |
| Year 2 - Semester 2 |
| EDUC220 | Social/Psych Cond of Learning | 4 | EDUC320 | Social/Psych Cond of Learning |
| GEOL 101 | Geological Science | 4 | GSCI 301 | Physical Geology |
| GSPE 210 | Fitness for Life | 3 | GSPE 210 | Fitness for Life |
| ECON 123 *or*ECON 205 *or*PSCI 101 | Contemporary Economics *or* Principles of Macroeconomics *or* American Federal Government | 3 | ECON 123 *or*ECON 205 *or*PSCI 101 | Contemporary Economics *or* Principles of Macroeconomics *or* American Federal Government |
| HIST 201 *or*HIST 202 | US History I *or*US History II | 3 | HIST 201 *or*HIST 202 | History of US to 1865 *or*History of US 1865-present |
|  |  | **17** |  |  |

\* The Biology Education Specialization requires BIOL 211 and 212 and Chemistry 207/207L. BIOL 101, BIOL 102, and CHEM 125 will articulate as BIOL 104, 103, and CHEM 101/101L. After transferring to Shepherd, students with a B or better will need to complete a course substitution form with their SU advisor .

\*\*Note : Due to course Sequences, students must take CHEM 209 & 209L during a summer, before transferring to Shepherd, in order to graduate in 4 years.

*Spring 2017; revised 6.15.23*

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| **Upper-Level Course Rotation at Shepherd University** |
| Year 3 - Semester 1 | Year 3 - Semester 2 |
| BIOL420 | General Ecology | 4 | BIOL 305 | Cell Biology | 4 |
| EDUC 370 | Creating Learning Environments | 3 | **PHYS** 202/202L | College Physics II & Lab | 4 |
| EDUC423 | Special Methods of Teaching Science | 3 | MATH205 | Calculus with Applications | 4 |
| PHYS 201/201L | College Physics I & Lab | 4 | CHEM 209/209L | General Chemistry II & Lab | 4 |
|  |  | **14** |  |  | **16** |
| Year 4 - Semester 1 | Year 4 - Semester 2 |
| EDUC443 | Reading in the Content Area | 3 | EDUC400 | Inclusion in the Regular Classroom | 3 |
| EDUC 380 | Technology in 21st Century Teaching and Learning | 3 | EDUC 457 | Student Teaching, Grades 9-12 | 9 |
| BIOL 344 | Genetics | 4 |  |
| BIOL 394 | Principles of Biology Research | 4 |
|  |  | **14** |

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