

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* (BIOL211)	General Biology
HIST 101 <u>or</u> HIST 102	Early Man to 1500 <u>or</u> Renaissance to Modern	3	HIST 101 <u>or</u> HIST 102	History Civ: Ancient Worlds <u>or</u> 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 <u>or</u> MUSC 111	Introduction to Visual Arts <u>or</u> Introduction to Music	3	ART 103 <u>or</u> MUSC 111	Introduction to Visual Arts <u>or</u> 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 <u>or</u> ECON 205 <u>or</u> PSCI 101	Contemporary Economics <u>or</u> Principles of Macroeconomics <u>or</u> American Federal Government	3	ECON 123 <u>or</u> ECON 205 <u>or</u> PSCI 101	Contemporary Economics <u>or</u> Principles of Macroeconomics <u>or</u> American Federal Government
HIST 201 <u>or</u> HIST 202	US History I <u>or</u> US History II	3	HIST 201 <u>or</u> HIST 202	History of US to 1865 <u>or</u> 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.

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			