

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 <i>or</i> MATH 105 <i>or</i> MATH 108 <i>or</i> MATH 207	*Elementary Probability & Statistics <i>or</i> College Algebra <i>or</i> Pre-Calculus <i>or</i> Calculus I	3	MATH 314 MATH 105 MATH 108 MATH 207	Statistics <i>or</i> Algebra <i>or</i> Pre-Calculus <i>or</i> Calculus
BIOL 101	General Biological Science (B Required)	4	BIOL 211	Fundamentals of Biology I
HIST 101 <i>or</i> HIST 102	Early Man to 1500 <i>or</i> Renaissance to Modern	3	HIST 101 <i>or</i> HIST 102	History Civ: Ancient/Medieval <i>or</i> History Civ: Early Modern
BIOL 120/BIOL 121	Anatomy & Physiology I w/ Lab	4	BIOL 225	Anatomy & Physiology I
		18		
Year 1 – Semester 2				
EDUC 200	Foundations of Education	3	EDUC 200	Foundations of Education
CHEM 125	Intro to College Chemistry (B) (Recommended)	4	CHEM 207/207L	General Chemistry & Lab
ENGL 102	Writing for Arts & Humanities	3	ENGL 102	Writing and Rhetoric II
BIOL 102	General Biological Science (B Required)	4	BIOL 212	Fundamentals of Biology II
BIOL 122/BIOL 123	Anatomy & Physiology II w/ Lab	4	BIOL 226	Anatomy & Physiology II
		18		
Year 2 – Semester 1				
EDUC 260	Survey of Exceptional Child	3	EDUC 360	Survey of Exceptional Child
COMM 202	Fundamentals of Speech	3	COMM 202	Fundamentals of Speech
ART 103 <i>or</i> MUSC 111 <i>or</i> ENGL 215	Introduction to Visual Arts <i>or</i> Introduction to Music <i>or</i> Art of Literature	3	ART 103 MUSC 111 <i>or</i> ENGL 215	Introduction to Visual Arts Introduction to Music <i>or</i> Art of Literature
CHEM 127	General, Organic, and Biochem I (B required)	4	CHEM 207/207L	General Chemistry & Lab
		13		
Year 2 – Semester 2				
EDUC 220	Social/Psych Cond of Learning	4	EDUC 320	Social/Psych Cond of Learning
CHEM 128	General, Organic, and Biochem II (B required)	4	CHEM 209/209L	General Chemistry II & Lab
GSPE 210	Fitness for Life	3	GSPE 210	Fitness for Life
PSYC 203 <i>or</i> SOCI 203	Intro to Psychology <i>or</i> General Sociology	3	PSYC 101 <i>or</i> SOCI 203	Introduction to Psychology <i>or</i> Sociology
HIST 201 <i>or</i> HIST 202	US History I <i>or</i> US History II	3	HIST 201 <i>or</i> HIST 202	US History to 1865 <i>or</i> US History 1865-present
		17		

\*If BIOL 120 w/ Lab and/or BIOL 122 w/ Lab do not fit a schedule, students can take PHYS 103 w/ Lab.

Upper-Level Course Rotation at Shepherd University					
Year 3 – Semester 1			Year 3 – Semester 2		
BIOL 303	General Ecology	4	BIOL 305	Cell Biology	4
BIOL XXX	Biology Elective (225 or above, except 302)	4	STEM Elective 2		4
STEM Elective 1 <i>or</i> Physics Elective	STEM or Physics Elective	4	STEM Elective 3		4
EDUC 370	Creating Learning Environments	3	STEM Elective 4		3-4
		<b>15</b>			<b>15-16</b>
Year 4 – Semester 1			Year 4 – Semester 2		
EDUC 443	Reading in the Content Area	3	EDUC 400	Inclusion in the Regular Classroom	3
EDUC 423	Special Methods of Teaching Science	3	EDUC 457	Student Teaching, Grades 9-12	9
EDUC 380	Technology in 21 <sup>st</sup> Century Teaching and Learning	3	<b>12</b>		
BIOL 344	Genetics	4			
		<b>13</b>			

Biology Specialization (5-Adult) program courses for transfer to Shepherd University				
BRCTC Course			Equivalent SU Course	
Core, STEM Core+, Program*, and Restricted^ Electives List				
MATH 114+^	Elementary Probability & Statistics	3	MATH 314+^	Statistics
MATH 207+^	Calculus	4	MATH 207+^	Calculus I
PHYS 103*	General Physical Science I	4	GSCI 103*	General Physical Science I
CJST 210^	Introduction to Forensic Science	3	CHEM 250^	Introduction to Forensic Science
BIOL 120^	Anatomy & Physiology I	3	BIOL 225^	Anatomy & Physiology I
BIOL 121^	Anatomy & Physiology I Lab	1	BIOL 227^	Anatomy & Physiology I Lab
BIOL 122 ^	Anatomy & Physiology II	3	BIOL 226^	Anatomy & Physiology II
BIOL 123^	Anatomy & Physiology II Lab	1	BIOL 228^	Anatomy & Physiology II Lab
CAHS 120, 121^	Anatomy & Physiology I and Lab	4	BIOL 225, 227^	Anatomy & Physiology I and Lab
CAHS 122, 123^	Anatomy & Physiology II and Lab	4	BIOL 225, 226^	Anatomy & Physiology II Lab
BIOL 220, 221^	Microbiology and Lab	4	BIOL 302^	Microbiology