

# Blue Ridge Community and Technical College & West Virginia University

Associate of Arts in Liberal Arts with Natural Sciences Concentration leading  
to Bachelor of Science in Physics (WVU- BS)  
Suggested Plan of Study



Blue Ridge Community and Technical	Hours	WVU Equivalents	Hours
<b>Year One, 1<sup>st</sup> Semester</b>			
ENGL 101	3	ENGL 101	3
HIST 101 or HIST 102	3	HIST 179 or HIST 180	3
COMM 202	3	MDS 270	3
BIOL 101	4	BIOL 115 & BIOL 115L	4
MATH 105	3	MATH 126	3
<b>TOTAL</b>	16		16
<b>Year One, 2<sup>nd</sup> Semester</b>			
ENGL 102	3	ENGL 102	3
BIOL 102	4	BIOL 117 & BIOL 117L	4
MATH 106	3	MATH 128	3
MATH 108	4	MATH 129	4
<b>TOTAL</b>	14		14
<b>Year Two, 1<sup>st</sup> Semester</b>			
ART 103 or MUSC 111 or THEA 101 or ENGL 215	3	ARHS 101 or MUSC 111 or THET 1TC or ENGL 2TC	3
ENGL 204 or ENGL 208	3	ENGL 2TC or ENGL 225	3
CHEM 127	4	CHEM 111 & CHEM 111L	4
MATH 207	4	MATH 155	4
<b>TOTAL</b>	14		14
<b>Year Two, 2<sup>nd</sup> Semester</b>			
CHEM 128	4	CHEM 112 & CHEM 112L	4
MATH 114	3	STAT 211	3
PSYC 203 or SOCI 203	3	PSYC 101 or SOC 101	3
PSCI 100 or PSCI 101 or PSCI 102	3	POLS 1TC or POLS 102 or POLS 220	3
ECON 205 or ECON 206	3	ECON 202 or ECON 201	3
<b>TOTAL</b>	16		16

West Virginia University			
Summer Session at WVU		PHYS 111 & PHYS 111L	4
		MATH 156	4
Year Three, 1 <sup>st</sup> Semester		Year Three, 2 <sup>nd</sup> Semester	
PHYS 112 & PHYS 112L	4	PHYS 314	4
MATH 251	4	PHYS 333	3
General Elective or Minor Course (1)	3	MATH 261	4
General Elective	4	General Elective	4
<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>15</b>
Year Four, 1 <sup>st</sup> Semester		Year Four, 2 <sup>nd</sup> Semester	
PHYS 312 (Fall Only)	3	PHYS 332 or PHYS Elective (AoE 2)	3
PHYS 331 (Fall Only)	3	PHYS 342L (AoE 3)	2
PHYS 341L (AoE 1)	2	ASTR or PHYS 300/400-level (1)	3
PHYS 333	3	General Elective or Minor Course (3)	3
General Elective or Minor Course (2)	3	General Elective	3
<b>TOTAL</b>	<b>14</b>	<b>TOTAL</b>	<b>14</b>
Year Five, 1 <sup>st</sup> Semester		Year Five, 2 <sup>nd</sup> Semester	
PHYS 451 (Fall Only)	3	PHYS 461 (AoE 5)	3
PHYS 334 or PHYS/ASTR Elective (AoE 4)	3	PHYS 496	3
General Elective or Minor Course (4)	3	General Elective or Minor Course (5)	3
General Elective	3	General Elective	3
<b>TOTAL</b>	<b>12</b>	<b>TOTAL</b>	<b>12</b>

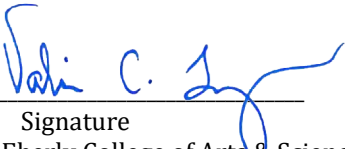
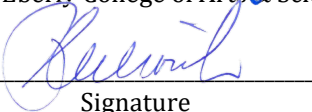
Students must have a GPA of 2.2 in all MATH and PHYS courses to be admitted to the Physics program upon transferring to West Virginia University.

Area of Emphasis: Students completing a Bachelor of Science in Physics must complete an Area of Emphasis selected from Computational Physics, Medical Physics, Physics Teaching, Professional Preparation, or Space Physics. The Professional Preparation Area of Emphasis is the typical plan of study for a B.S. degree in physics. Hours will vary based on Area of Emphasis.

Students transferring to West Virginia University with an Associate of Arts or Associate of Science degree will have satisfied the General Education Foundation requirements at WVU.

Students who have questions regarding this articulation agreement or the transferability of coursework may contact the WVU Office of the University Registrar. All other questions should be directed to the WVU Office of Admissions.

The above transfer articulation of credit between West Virginia University and Blue Ridge Community and Technical College, is approved by the Dean, or the Dean's designee, and effective the date of the signature.

<u>Valérie Lastinger</u> Print Name Valerie Lastinger Ph.D. Associate Dean for WVU's Eberly College of Arts & Sciences	 Signature	<u>11/28/2022</u> Date
<u>Peter G. Checkovich</u> Print Name Peter G. Checkovich Ed.D. President for Blue Ridge Community and Technical College	 Signature	<u>12/16/2022</u> Date