

# Garrett College & West Virginia University

Associate of Arts in Arts & Sciences: Mathematics/Science concentration A.A. leading to  
Bachelor of Arts in Physics B.A.  
Suggested Plan of Study



Garrett College	Hours	WVU Equivalents	Hours
<b>Year One, 1<sup>st</sup> Semester</b>			
FYE 101 or FYE 103	1	WVUE 191	1
ENG 101	3	ENGL 101	3
MAT 210	3	STAT 211	3
BIO 101 or CHE 101	4	BIOL 115 & BIOL115L or CHEM 115 & CHEM 115L	4
MAT 190 (Concentration course)	4	MATH 155	4
<b>TOTAL</b>	15		15
<b>Year One, 2<sup>nd</sup> Semester</b>			
ENG 102	3	ENGL 102	3
COM 101	3	MDS 270	3
MAT 191 (Concentration course)	4	MATH 156	4
ECN 201 or ECN 202 or PSY 101 or SOC 101	3	ECON 202 or ECON 201 or PSYC 101 or SOC 101	3
BIO 102 or CHE 102 (second in sequence)	4	BIOL 117 & BIOL 117L or CHEM 116 & CHEM 116L	4
<b>TOTAL</b>	17		17
<b>Year Two, 1<sup>st</sup> Semester</b>			
CIS 105 or CIS106 or CIS130	3	CS 1TC or CYBE 1TC or CIS 1TC	3
Elective	3	Elective	3
MAT 192 (Concentration course)	4	MATH 251	4
PHY 111 (Concentration course)	4	PHYS 111 & PHYS 111L	4
<b>TOTAL</b>	14		14
<b>Year Two, 2<sup>nd</sup> Semester</b>			
PHY 112 (Concentration course)	4	PHYS 112 & PHYS 112L	4
ECN 201 or ECN 202 or PSY 101 or SOC 101	3	ECON 202 or ECON 201 or PSYC 101 or SOC 101	3
MAT 281	4	MATH 261	4
GER Humanities Course	3	Humanities Course	3
<b>TOTAL</b>	14		14

West Virginia University			
Year Three, 1 <sup>st</sup> Semester		Year Three, 2 <sup>nd</sup> Semester	
PHYS 312	3	PHYS 314	4
General Elective***	3	PHYS Elective 1 (300/400-Level)	3
General Elective***	3	General Elective***	3
General Elective***	3	General Elective***	2
General Elective	3	General Elective	3
<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 Elective 2 (300/400-Level)	3	PHYS 341L or PHYS 376L	2 or 3
PHYS Elective 3 (300/400-Level)	3	PHYS 496 (Capstone)	3
General Elective***	3	General Elective***	3
General Elective***	3	General Elective***	3 or 4
General Elective	3	General Elective	3
<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>15</b>

Students must have a GPA of 2.2 in all MAT and PHY courses to be admitted directly into the Physics program upon transferring to West Virginia University.

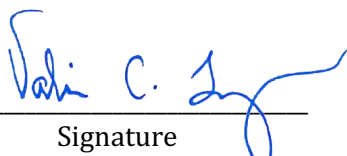
Students completing degrees from the WVU Eberly College of Arts and Sciences are required to work with their advisors to integrate completion of an academic minor or minors into their programs of study. WVU offers over 100 minors that complement major fields of study, build on students' unique interests, expand perspectives, and broaden skills. See <http://catalog.wvu.edu/undergraduate/minors/#minorsofferedtext> for a list of available minors. Garrett College students may begin completion of certain minors at Garrett by utilizing elective hours to take courses equivalent to the minor's introductory requirements at WVU.

\*\*\*The Physics B.A. is designed to prepare students for a career that utilizes physics preparation in conjunction with an applied emphasis. Some common examples are teaching, science journalism, medicine, or patent law. Students work with their advisors to choose complementary courses tailored to suit the student's career aspirations. These hours are completed within the block of elective hours.

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 Garrett College, is approved by the Dean, or the Dean's designee, and effective the date of the signature.

Valérie Lastinger		7/25/24
Print Name	Signature	Date
Valerie Lastinger Ph.D. Associate Dean for WVU's Eberly College of Arts & Sciences		