

Columbus State Community College & West Virginia University

Associate of Science, Major: Physics A.S. leading to
Bachelor of Science in Physics B.S.
Suggested Plan of Study

COLUMBUS STATE
COMMUNITY COLLEGE



Columbus State Community College	Hours	WVU Equivalents	Hours
Year One, 1 st Semester			
COLS 1100	1	WVUE 191	1
ENGL 1100 or ENGL 1101	3	ENGL 101	3
MATH 1151	5	MATH 155 + MATH 1TC	5
CHEM 1171	5	CHEM 115 & CHEM 115L + CHEM 1TC	5
*Social and Behavioral Science	3	Elective	3
TOTAL	17		17
Year One, 2 nd Semester			
ENGL 2367 or ENGL 2467 or ENGL 2567 or ENGL 2667 or ENGL 2767	3	ENGL 102	3
MATH 1152	5	MATH 156 + MATH 1TC	5
CHEM 1172	5	CHEM 116 & CHEM 116L + CHEM 1TC	5
*Historical Study Course	3	Elective	3
TOTAL	16		16
Year Two, 1 st Semester			
PHYS 1250	5	PHYS 111 & PHYS 111L + PHYS 1TC	5
MATH 2153	5	MATH 251 + MATH 2TC	5
*Social and Behavioral Science	3	Elective	3
*Literature/Cultures and Ideas/Visual and Performing Arts	3	Elective	3
TOTAL	16		16
Year Two, 2 nd Semester			
PHYS 1251	5	PHYS 112 & PHYS 112L + PHYS 1TC	5
MATH 2255	4	MATH 261	4
MATH 2568	4	MATH 343	4
TOTAL	13		13
*Full list of course options: https://www.csc.edu/academics/transfer/degrees.shtml			

West Virginia University			
Year Three, 1 st Semester		Year Three, 2 nd Semester	
PHYS 312	3	PHYS 314	4
PHYS 331	3	PHYS 333	3
General Elective	3	PHYS 332 or PHYS Elective ^(AoE 1)	3
General Elective	3	General Elective	3
General Elective	3	General Elective	2
TOTAL	15	TOTAL	15
Year Four, 1 st Semester		Year Four, 2 nd Semester	
PHYS 341L ^(AoE 2)	2	PHYS 342L ^(AoE 4)	2
PHYS 334 or PHYS/ASTR Elective ^(AoE 3)	3	PHYS 461 ^(AoE 5)	3
PHYS 451	3	PHYS 496	3
General Elective	4	General Elective	4
General Elective	3	General Elective	3
TOTAL	15	TOTAL	15

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 completing degrees in WVU's Eberly College of Arts and Sciences are encouraged to work with their advisors to integrate completion of an academic minor or minors into their programs of study, to the degree allowed within elective hours. 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. Columbus State students may begin completion of certain minors at CSCC by utilizing *Elective* hours to take courses equivalent to the minor's introductory requirements at WVU.

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

Valérie Lastinger

 Print Name



 Signature

10/1/24

 Date

Valerie Lastinger Ph.D. Associate Dean for WVU's Eberly College of Arts & Sciences