2024 - 2025 Old Dominion University Catalog
Bachelor of Science in Physics with a Major in Secondary Physics Education (BS) (w/ VCCS Equivalencies)

Sample four year curriculum with a suggested ordering of courses. Students may re-order as needed.

General Education and Major Coursework:	VCCS Equivalency:	General Education and Major Coursework:	VCCS Equivalency:
MATH 211 (4 credits)	MTH 173, 263 or 273*	MATH 212 (4 credits)	MTH 174, 264, or 274*
ENGL 110C	ENG 111*	ENGL 211C or 231C	ENG 112, 210, 115 or 131*
Human Behavior	Transfer Equivalency Guide	CS 151 or 153 (4 credits)	CSC 221 (If CSC 221 is taught in C++ , transfers as CS 150, if taught in Java, as CS 151, if taught in Python, as CS 153)*
Human Creativity	Transfer Equivalency Guide	Literature	Transfer Equivalency Guide
		Professional Education Coursework:	
		STEM 103 (2 credits)	

YEAR 2 - SOPHOMORE (28 CREDITS)

FALL SEMESTER (14 credits)		SPRING SEMESTER (14 credits)	
General Education and Major Coursework:	VCCS Equivalency:	General Education and Major Coursework:	VCCS Equivalency:
CHEM 121N and 122N (4 credits)	CHM 111*	CHEM 123N and 124N (4 credits)	CHM 112*
PHYS 261N, 231N, or 226N (4 credits)	See note below*	PHYS 262N, 232N, or 227N (4 credits)	See note below*
Information Literacy and Research: CS 120G or CS 121G or OEAS 130G	Transfer Equivalency Guide	Interpreting the Past	Transfer Equivalency Guide
Professional Education Coursework:		Professional Education Coursework:	
STEM 201		STEM 202	

YEAR 3 - JUNIOR (32 CREDITS)

FALL SEMESTER (16 credits)		SPRING SEMESTER (16 credits)	
Major Coursework:	VCCS Equivalency:	Major Coursework:	VCCS Equivalency:
MATH 312 or 285	MTH 275 or 277*	MATH 307 or 280	MTH 267 or 279*
PHYS 323		PHYS 319	
PHYS 303		ASTP 103N or 104N**	
PHYS 355		PHYS 468W	
Oral Communication	Transfer Equivalency Guide	Philosophy and Ethics	Transfer Equivalency Guide

General Education and Major Coursework:	VCCS Equivalency:	Professional Education Coursework:	VCCS Equivalency:
PHYS 413		STEM 485	
PHYS 425		STEM 402	
PHYS 499W or 489W & 490W**		Elective**	
PHYS 120 or 309 (1 credit)			
Impact of Technology	Transfer Equivalency Guide		
Professional Education Coursework:			
STEM 401			