

# Thomas Nelson Community College/Old Dominion University

2018-2019 Catalog

## ARTICULATION AGREEMENT

Associate of Science, Science Education to Bachelor of Science Ocean and Earth Science,  
Virginia Teacher Licensure with Monarch Teach Courses

<b>Thomas Nelson Community College Associate of Science in Science Education</b>				<b>Old Dominion University Equivalency</b>			
ENG	111	College Composition I*	3	ENGL	110C	English Composition	3
SDV	100	College Success Skills	1	UNIV	100	University Orientation	1
MTH	161	Precalculus I*	3	MATH	162M	PreCalculus I	3
GOL	105	Physical Geology*	4	OEAS	111N	Physical Geology	4
BIO MTH	101 or 263	General Biology I* or Calculus I	4	BIOL 121N/ 122N or MTH 211		General Biology I and Lab Calculus I	4
CHM	111	General Chemistry I*	4	CHEM 121N/122N		Foundations of Chemistry I and Lab	4
Computer Science Elective		Elective	3	---	ELE	Elective	3
Wellness Elective		Elective	2	---	ELE	Elective	2
ENG	112	College Composition II*	3	ENGL	211C	English Composition	3
MTH	162	Precalculus II*	3	MATH	163	PreCalculus II	3
PHY	201	General College Physics I	4	PHYS	111N	Intro General Physics I	4
CST	100	Principles of Public Speaking	3	COMM	101R	Public Speaking	3
History Elective		History Elective	3	To meet Lower-Division General Education Package			3
EDU	200	Intro to Teaching and Profession*/**	3	Monarch Teach Courses: TLED 195*/**, STEM 101*/**and STEM 102*/**			3
CHM	112	General Chemistry II*	4	CHEM 123N/124N		Foundations of Chemistry II and Lab	4
Geography Elective		Elective	3	---	ELE	Elective	3
Humanities Electives		Humanities Electives	6	To meet Lower-Division General Education Package			6
Social Science Elective		Social Science Electives	6	To meet Lower-Division General Education Package			6
<b>Total Credits for AS Degree</b>			<b>62</b>	<b>Transfer Credits from AS Degree</b>			<b>62</b>
<b>Additional Required Courses for BS Degree</b>				<b>ODU Equivalency</b>			
BIO MTH	101 or 263	General Biology I* or Calculus I	4	BIOL 121N/ 122N or MTH 211		General Biology I and Lab Calculus I	4
PHY	202	General College Physics II*	4	PHYS	112N	Intro General Physics II	4
GOL	106	Historical Geology*	4	OEAS	112N	Historical Geology	4
<b>Additional Credits Required</b>			<b>12</b>				<b>12</b>

<p><b>*Indicates a departmental requirement at ODU, not automatically satisfied by completion of articulation agreement. Student must earn a C or better.</b></p> <p><b>** Students will cross-register through the Tidewater Consortium to enroll in the Monarch Teach courses offered by ODU at the Peninsula Higher Education Center.</b></p> <p><b>The lower division general education requirements will be met by completion of all courses outlined in this program agreement.</b></p> <p><b>To participate in this articulation agreement please visit Old Dominion University's website to complete The Letter of Intent: <a href="http://www.odu.edu/transfer/vccs">http://www.odu.edu/transfer/vccs</a></b></p> <p><b>Completion of this articulation agreement alone does not guarantee admission to Old Dominion University. All students must meet the requirements set by the Office of Admissions and the Guaranteed Admissions Agreement (GAA). Please visit admissions.odu.edu for more information regarding guaranteed admission to Old Dominion University.</b></p>	<b>Requirements for BS to be taken at ODU</b>			
	OEAS	303	Paleontology	3
	STAT	310	Introductory Data Analysis	3
	OEAS	220T	Intro to Meteorology	3
	OEAS	315	Minerals and Rocks	3
	OEAS	310	Global Earth Systems	3
	OEAS	306	Oceanography	3
	OEAS	344W	Geomorphology	3
	PHYS	408	Astronomy for Teachers	3
	STEM	201	Knowing and Learning in STEM Ed.	3
	STEM	202	Classroom Interactions in STEM Ed.	3
	STEM	401	Project Based Instruction in STEM Ed.	3
	STEM	485	Apprentice Teaching	9
	OEAS 444 & 468W		Communicating Ocean Science to Informal Audiences and Research Methods in Math and Science	6
	<b>Credits to be taken at ODU</b>			<b>48</b>
	<b>SUMMARY</b>			
<b>Transfer Credits from AAS Degree</b>			<b>62</b>	
<b>Additional Credits Required</b>			<b>12</b>	
<b>Credits to be taken at ODU</b>			<b>48</b>	
<b>Total Credits</b>			<b>122</b>	

*Susan English* 7/10/19  
 Signature Date

Dr. Susan English  
 Vice President for Academic Affairs  
 Thomas Nelson Community College

*Brian Payne* 7/12/19  
 Signature Date

Dr. Brian Payne  
 Vice Provost, Academic Affairs  
 Old Dominion University