

Thomas Nelson Community College/Old Dominion University

2018-2019 Catalog

Monarch Teach on the Peninsula

Associate of Science in Science to Bachelor of Science in Biology with VA Teacher Licensure, grades 6-12
TNCC/ODU Joint Program

Thomas Nelson Community College Associate of Science in Science				Old Dominion University Bachelor of Science in Biology with VA Teacher Licensure, grades 6-12			
ENG	111	College Composition I*	3	ENGL	110C	English Composition I	3
History Elective		History Elective	3	To meet Lower-Division General Education Package			3
BIO	101	General Biology I*	4	BIOL 121N/122N		General Biology I	4
MTH	161	Precalculus I*	3	MATH	162M	Precalculus I	3
SDV	100	College Success Skills	1	UNIV	100	University Orientation	1
Wellness Elective		Health/PE	1	HLTH/ PE	ELE	Elective	1
ENG	112	College Composition II*	3	ENGL	211C	English Composition II	3
BIO	102	General Biology II*	4	BIOL 123N/124N		General Biology II	4
Social Science Electives		Social Science Electives	6	To meet Lower-Division General Education Package			6
MTH	261	Applied Calculus (Instead of MTH 162)*	3	MATH	200	Applied Calculus	3
Humanities Electives		Humanities Electives	6	To meet Lower-Division General Education Package			6
CHM	111	College Chemistry I*	4	CHEM 121N/122N		General Chemistry I	4
MTH	245	Statistics*	3	STAT	130M	Elementary Statistics	3
PHY	201	General Physics I*	4	PHYS	111N	General Physics I	4
CHM	112	College Chemistry II*	4	CHEM 123N/124N		General Chemistry II	4
GOL	105	Physical Geology* (Take as Math/Science elective)	4	OEAS	111N	Physical Geology	4
NAS	206	Design and Application of Scientific Research*	3	SCI	2ELE	Elective (Substitute for Info Literacy and Research 1 REQ)	3
BIO	141	Human Anatomy & Physiology* (Take as Math/Science elective)	4	BIOL	250	Human Anatomy & Physiology	4
Total Credits for AS Degree			63	Total Credits Transferred to ODU			63

**Additional Coursework to Complete the BS in Biology,
Teacher Education Concentration**

Courses offered at TNCC or ODU Norfolk Campus

TNCC course #	ODU course #	Course Name	Cr
CHM 241	CHEM 211	Organic Chemistry I*	3
CHM 245	CHEM 212	Organic Chemistry Lab*	2
ODU Courses offered at Peninsula Higher Education Center**			
TLED	195	Topics in Education	1**
STEM	101	Step 1-Inquiry Approaches to Teaching STEM	1**
STEM	102	Step 2-Inquiry Based STEM Lesson Design	1**
STEM	201	Knowing and Learning Science and Math Education	3
STEM	202	Classroom Interactions in STEM Ed	3
STEM	401	Project Based Instruction	3
STEM	402	Perspectivfes on Science and Math	3
STEM	485	Apprentice Teaching	9

Courses offered through ODU, Online+ and Norfolk Campus^

BIOL	291	Ecology+	3
BIOL	292	Evolution+	3
BIOL	293	Cell Biology+	3
BIOL	303	Genetics+	3
BIOL	468W	Research Methods in Sci. and Math^	3
BIOL 307, 401 or 420, 422, 424, or 441		Zoology^	4-5
BIOL	308	Botany^	4
BIOL	315	Microbiology^	5
BIOL Elective 300/400 (Online or On Campus)		Students must complete 16 credits of upper level BIOL electives. Therefore, they must take 2-3 credit hours of BIOL elective along with Zoology, Botany and Microbiology to meet this requirement	2-3

Total Transfer Credits from TNCC **63**

Total credits of additional coursework required for BS in Biology , Teacher Ed Concentration **60/63**

Total Credits **122/125**

Note: The lower division general education requirements will be met by completion of all courses outlined in this program agreement.

***Indicates departmental requirement at ODU. Must earn C or better for transfer.**

**** Students will cross-register through the Tidewater Consortium to enroll in the Monarch Teach courses offered by ODU at the Peninsula Higher Education Center.**

To participate in this articulation agreement please visit Old Dominion University's website to complete The Letter of Intent: <http://www.odu.edu/transfer/vccs>

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 or the Guaranteed Admissions Agreement (GAA). Please visit admissions.odu.edu for more information regarding guaranteed admission to Old Dominion University.

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 for Academic Affairs
 Old Dominion University