

**Thomas Nelson Community College/Old Dominion University**

2018-2019 Catalog

**ARTICULATION AGREEMENT**

Associate of Science, Science Education to Bachelor of Science Chemistry,  
Virginia Teacher Licensure with Monarch Teach Courses

**Thomas Nelson Community College**

**Old Dominion University**

**Associate of Science in Science Education**

**Equivalency**

**Requirements for BS to be taken at ODU**

**\*Indicates a departmental requirement at ODU, not automatically satisfied by completion of articulation agreement. Student must earn a C or better.**

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

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

|      |            |  |     |
|------|------------|--|-----|
| CHEM | 321/322    | Analytical Chemistry Lecture and Lab                         | 5   |
| CHEM | 351        | Inorganic Chemistry  | 3   |
| CHEM | 331        | Physical Chemistry Lecture I                                 | 3   |
| CHEM | 332W       | Experimental Physical Chemistry I                            | 2   |
| CHEM | 333 & 334W | Physical Chemistry Lecture II and Exp. Physical Chemistry II | 5   |
| CHEM | 421 & 422  | Instrumental Analysis Lecture and Laboratory                 | 6   |
| CHEM | 441        | Biochemistry Lecture   | 3   |
| CHEM | 449        | Environmental Chemistry                                      | 3   |
| CHEM | 485        | Chemistry and Biochemistry Seminar                           | 1   |
| CHEM | ELE        | 400-Level Elective   | 3   |
| CHEM | LAP        | CHEM Laboratory Elective                                     | 2.4 |

7/10/19