

## 2024-2025 Old Dominion University Catalog

### Bachelor of Science in Nuclear Medical Technology (w/ VCCS Equivalencies)

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

*\* Indicates not automatically waived with transferrable associates degree, C or better required for transfer. Courses in green are met by the completion of an Associate degree (Not eligible for Applied Associate degrees). AS in Health Science or Science recommended for ease of transfer.*

#### YEAR 1 - FRESHMAN (32 CREDITS)

##### FALL SEMESTER (16 credits)

| <u>General Education Coursework:</u>                                 | <u>VCCS Equivalency:</u>                   |
|--|--|
| *ENGL 110C: English Composition I                                    | ENGL 111                                   |
| *MATH 102M: College Algebra or<br>162M: Precalculus                  | MATH MTH 158 or 161 or 163                 |
| *CHEM 105N/106N: Intro to Chem or<br>*CHEM 121N/122N: General Chem I | CHM 101 or 121 or 111                      |
| Information Literacy and Research                                    | <a href="#">Transfer Equivalency Guide</a> |
| Language and Culture I (May be waived, see<br>catalog for details)   | <a href="#">Transfer Equivalency Guide</a> |

##### SPRING SEMESTER (16 credits)

| <u>General Education Coursework:</u>                                    | <u>VCCS Equivalency:</u>                    |
|---|---|
| *ENGL 211C or 231C: English Composition II                              | <a href="#">Transfer Equivalency Guide</a>  |
| *STAT 130M: Statistics  | MTH 146, 155, 157, 240, 241, 242, or<br>245 |
| *CHEM 107N/108N: Intro to Organic or<br>123N/124N: General Chemistry II | *CHEM CHM 102 or 122 or 112                 |
| Interpreting the Past   | <a href="#">Transfer Equivalency Guide</a>  |
| Language and Culture II (May be waived, see<br>catalog for details)     | <a href="#">Transfer Equivalency Guide</a>  |

#### YEAR 2 - SOPHOMORE (28 CREDITS)

##### FALL SEMESTER (14 credits)

| <u>General Education Coursework:</u>                  | <u>VCCS Equivalency:</u>                   |
|---|--|
| *BIOL 250 Human A&P I or<br>240 Fundamentals of A&P I | BIOL BIO 141, 231 or NAS 161               |
| *PHYS 101N or 111N: Physics I                         | PHY 100, 101, 111, 121 or 201              |
| Literature  | <a href="#">Transfer Equivalency Guide</a> |
| Oral Communication                                    | <a href="#">Transfer Equivalency Guide</a> |

##### SPRING SEMESTER (14 credits)

| <u>General Education Coursework:</u>                    | <u>VCCS Equivalency:</u>                   |
|---|--|
| *BIOL 251 Human A&P II or<br>241 Fundamentals of A&P II | BIOL BIO 141, 231 or NAS 162               |
| *PHYS 102N or 112N: Physics II                          | PHY 102, 112, 122 or 202                   |
| Human Creativity  | <a href="#">Transfer Equivalency Guide</a> |
| Human Behavior  | <a href="#">Transfer Equivalency Guide</a> |

#### YEAR 3 - JUNIOR/THIRD YEAR (34 CREDITS)

##### FALL SEMESTER (13 credits)

**Application Deadline is October 15th while enrolled in NMED 331**

| <u>Major Coursework:</u>     | <u>VCCS Equivalencies</u> |
|------------------------------|---------------------------|
| NMED 300 Medical Terminology | HLT 143 + 144 = NMED 300  |
| NMED 331 Concepts in NMT     |                           |
| PHIL 345E Bioethics          |                           |
| Upper Division/Option D      |                           |

##### SPRING SEMESTER (13 credits)

| <u>Major Coursework:</u>                     | <u>No VCCS Equivalency</u> |
|--|----------------------------|
| NMED 332 Nuclear Instrumentation             |                            |
| NMED 335 Radiation Health                    |                            |
| NMED 401 NMT I                               |                            |
| NURS 393 Clinic Skills for Nonnursing Majors |                            |

##### SUMMER SEMESTER (8 credits)

| <u>Major Coursework:</u> | <u>No VCCS Equivalency</u> |
|--------------------------|----------------------------|
| NMED 440 Clinical NMT 1  |                            |

#### YEAR 4 - SENIOR/ FOURTH YEAR (29 CREDITS)

##### FALL SEMESTER (15 credits)

| <u>Major Coursework:</u> | <u>No VCCS Equivalency</u> |
|--------------------------|----------------------------|
| NMED 450 Clinical NMT II |                            |
| NMED 402 NMT II          |                            |
| NMED 403 Radiopharmacy   |                            |

##### SPRING SEMESTER (14 credits)

| <u>Major Coursework:</u>        | <u>No VCCS Equivalency:</u> |
|---------------------------------|-----------------------------|
| NMED 460 Clinical NMT III       |                             |
| NMED 410 NM & Molecular Imaging |                             |
| NMED 475W Adm./Mgmt in NMT      |                             |

**\*PROGRAM ADMISSIONS REQUIREMENTS:** Students must complete the following courses prior to the semester in which they apply to the Nuclear Medicine Technology Program: BIOL 250 & 251 or BIOL 240 & 241, CHEM 105N & 106N, CHEM 107N & 108N, PHYS 101N & 102N, MATH 102M or 103M, and STAT 130M. Program requirements must be completed with grade of C or better; C- is not acceptable. <https://www.odu.edu/mdts/nuclear-medicine>

**NOTE:** Option D satisfies the Upper Division General Education requirement by completing six (6) credits at the 300-400 level EXCEPT CSD, CYTO, CHP, DNTH, EXSC, ENVH, MLS, NMED, RT, PUBH.; Must include an Impact of Technology "T" course unless lower division gen-eds satisfied by transferrable associates degree. Foreign language may be satisfied with 3 years of 1 or 2 years of 2 languages in high school; graduation from HS prior to 12/31/85, or with AA or AS Degree from VCCS.

**GRADUATION REQUIREMENTS:** Requirements for graduation include a minimum cumulative grade point average of 2.00 overall and in the major, a minimum of 121 credit hours, which must include both a minimum of 30 credit hours overall and 12 credit hours in upper-level courses in the major program for Old Dominion University, completion of ENGL 110C and ENGL 211C, 221C or 231C, and the writing intensive (W) course in the major with a grade of C or better, and completion of Senior Assessment.