Bachelor of Science in Nuclear Medicine Technology

OLD DOMINION UNIVERSITY

2012-2013 Old Dominion University Catalog

with VCCS equivalencies

(* indicates not automatically waived with transferrable associates degree, C or better required for transfer)

LOWER DIVISION GENERAL EDUCATION

A. Skills
Written Communication
ENGL 110C (C or better) 3 (See transfer guide)*
ENGL 211C or 231C (C or better) 3 (See transfer guide)*
Oral Communication 3 (See transfer guide)
Mathematics
STAT 130M (required) 3 (MTH 146, 157, 240, 241, 242)*
MATH 102M (required) 3 (MTH 158)*
Language and Culture
Information Literacy and Research 0-6 (See transfer guide)

B. Ways of Knowing
Human Creativity
ART 121A, ARTS 122A, MUSC 264A, DANC 185A, THEA 241A, COMM/THEA 270A
Interpreting the Past
HIST 100H, 101H, 102H, 103H, 104H, or 105H 3 (See transfer guide)
Literature
ENGL 112L, 114L or FLET 100L 3 (See transfer guide)
Philosophy and Ethics
PHIL 345E 3
The Nature of Science (required)
CHEM 105N&106N 4 (CHM 101 or 121)*
CHEM 107N&108N 4 (CHM 102 or 122)*
PHYS 101N 4 (PHY 100 or 101)*
PHYS 102N 4 (PHY 102)*
Human Behavior
AAST 100S, ANTR 110S; CRJS 215S; COMM 200S: ECON 200S, 201S, 202S; FIN 210S; 3 (See transfer guide)
GEOG 100S, 101S; POLS 100S, 101S, 102S; PSYC 201S, 203S; SOC 201S; WMST 201S
Impact of Technology
(HIST 304T or any upper-division T course outside the College of Health Sciences) 3

Departmental Requirements
BIOL 250-251 Human Anatomy and Physiology I and II 8 (BIO 141 or 231 & 241 or 232)*

Students must complete the following courses (or equivalent) prior to entering the nuclear medicine technology program:
BIOL 250 and 251, CHEM 105N, 106N, 107N and 108N, PHYS 101N and 102N, and MATH 102M and STAT 130M.

Major Course Requirements
THIRD YEAR – First Term
NMED 300 Medical Terminology 3
NMED 331 Concepts in Nuclear Medicine Technology 4

THIRD YEAR – Second Term
NMED 332 Instrumentation 4
NMED 335 Radiation Health 3
NMED 401 Nuclear Medicine Technology I 4
NURS 393 Clinical Skills for Non-Nursing Majors 2

THIRD YEAR – Summer Term
NMED 440 Clinical Nuclear Medicine Technology I 8

FOURTH YEAR – First Term
NMED 450 Clinical Nuclear Medicine Technology II 8
NMED 402 Nuclear Medicine Technology II 4
NMED 403 Radiopharmacy 3

Fourth Year – Second Term
NMED 460 Clinical Nuclear Medicine Technology III 8
NMED 410 Non-Imaging Nuclear Medicine Technology 4
NMED 475W Administration and Management in Nuclear Medicine Technology 3

UPPER DIVISION GENERAL EDUCATION
Option A. Approved Disciplinary Minor (a minimum of 12 hours determined by the department), or second degree or second major
Option B. Interdisciplinary Minor (specifically 12 hours, 3 of which may be in the major)
Option C. International Business and Regional Courses or an approved Certification Program such as teaching licensure
Option D. Two Upper-Division Courses from outside the College of Health Sciences and not required by the major (6 hours)

ADMISSION
All admission materials must be received by October 15. Interviews are then scheduled for early November.

GRADUATION & PROGRAM REQUIREMENTS
A variety of clinical facilities in the Hampton Roads area are utilized for clinical education experiences. Students are responsible for providing their own transportation to these sites. Students must meet established programmatic technical standards. Requirements for graduation include a minimum cumulative grade point average of 2.00 overall and in the major, a minimum of 120 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 from Old Dominion University, completion of ENGL 110C, ENGL 211C or 221C or 231C, and the writing intensive (W) course in the major with a grade of C or better, and completion of Senior Assessment.