## 2018 - 2019 Old Dominion University Catalog Bachelor of Science in Nuclear Medicine Technology

Sample four year curriculum with a suggested ordering of courses based on the completion of Language and Culture in High School. Students may re-order as needed.

Stock   11   12   12   13   14   15   15   15   15   15   15   15		neede	d.		
Credit House   Cred	YEAI	R 1 - FRESHMA	AN (29 CREDITS)		
RIGL 110C English Composition   3	FALL SEMESTER (13 credits)		SPRING SEMESTER (16 credits)		
CHEM 105N/106N Introductory   Chemistry   4   Biochemistry   4   Bio	General Education Coursework:	Credit Hours	General Education Coursework:	Credit Hours	
Biochemistry	ENGL 110C English Composition I	3	ENGL 211C, 221C or 231C English Comp. II.	3	
Interpreting the Past (or other Gen Ed)	*CHEM 105N/106N Introductory Chemistry	4		4	
Elective	*Math 102M or 103M College Algebra	3	*STAT 130M Elementary Statistics	3	
SPENING SEMESTER (14 credits)	Information Literacy and Research (or other Gen Ed)	3	Interpreting the Past (or other Gen Ed)	3	
FALL SEMESTER (14 credits)   SPRING SEMESTER (14 credits)   Semeral Education Coursework:   Credit Hours   Semeral Education Coursework:   Semeral Education Semeral Education (15 chem)   Semeral Education Semeral Education (15 chem)   Semeral Education Semeral Educa			Elective	3	
	YEAR 2 - SOPHOMORE (28 CREDITS)				
PHYS 101N Conceptual Physics	FALL SEMESTER (14 credits)		SPRING SEMESTER (14 credits)		
#### #################################	General Education Coursework:	Credit Hours	General Education Coursework:	Credit Hours	
A	*PHYS 101N Conceptual Physics	4	*PHYS 102N Conceptual Physics	4	
BIOL 241 Fundamentals of A&P I diterature (or other Gen Ed) 3 Human Behavior (or other Gen Ed) 3 Auman Creativity (or other Gen Ed) 3 Human Creativity (or other Gen Ed) 3 Auman Creativity (or other Gen Ed) 4 Auman Creativity (or othe	*BIOL 250 Human A&P I or	4	*BIOL 251 Human A&P II or	4	
Praid Communication (or other Gen Ed) 3 Human Creativity (or other Gen Ed) 3  FALL SEMESTER (13 credits) Apply to NMED by Oct. 15th  Major Coursework: Credit Hours WED 300 Medical Terminology 3 NMED 332 Instrumentation 4 WED 331 Concepts in NMT 4 NMED 335 Radiation Health 3 WHIL 345E Bioethics/Option D (satisfied by 300/400 level mpact of Technology/Option D (satisfied by 300/400 level mpact of Technology "T" course)  Major Coursework: Credit Hours WED 400 Clinical NMT 1 8  WED 440 Clinical NMT 1 8  WED 450 Clinical NMT 1 8  Major Coursework: SPRING SEMESTER (14 credits)  Major Coursework: Credit Hours Major Coursework: Credit Hours MAjor Coursework: SPRING SEMESTER (14 credits)  Major Coursework: Credit Hours MAjor Coursework: Credit Hours MAJOR Colinical NMT II 8  MAJOR Coursework: Credit Hours MAJOR Colinical NMT III 8  MAJOR Coursework: Credit Hours MAJOR Colinical NMT III 8  MAJOR Coursework: Credit Hours MAJOR Colinical NMT III 8  MAJOR Coursework: Credit Hours MAJOR Coursework: Credit Hour	BIOL 240 Fundamentals of A&P I		BIOL 241 Fundamentals of A&P II	4	
FALL SEMESTER (13 credits) Apply to NMED by Oct. 15th  Major Coursework: Major Cours	Literature (or other Gen Ed)	3	Human Behavior (or other Gen Ed)	3	
FALL SEMESTER (13 credits) Apply to NMED by Oct. 15th  Agior Coursework: MED 300 Medical Terminology MED 331 Concepts in NMT MED 332 MED 401 NMT I MED 335 Radiation Health MED 336 Radiation Health MED 337 NMED 338 Radiation Health MED 338 Radiation Health MED 339 Clinic Skills  MED 330 Clinic Skills  MED 330 Clinic Skills  MED 330 Clinic Skills  MED 331 Concepts in NMT I  MED 332 MED 333 Clinic Skills  MED 333 Clinic Skills  MED 333 Clinic Skills  MED 334 Clinic Skills  MED 335 Clinic Skills  MED 440 Clinical NMT I  MED 440 Clinical NMT I  MED 440 Clinical NMT I  MED 450 Clinical NMT II  MED 450 Clinical NMT III  MED 450	Oral Communication (or other Gen Ed)	3	Human Creativity (or other Gen Ed)	3	
Apply to NMED by Oct. 15th  Agior Coursework:  Major Coursework:  Majo					
Apply to NMED by Oct. 18th  Agior Coursework: Credit Hours Major Coursework: Credit Hours Major Coursework: Credit Hours MED 300 Medical Terminology 3 NMED 332 Instrumentation 4  NMED 331 Concepts in NMT 4 NMED 335 Radiation Health 3  PHIL 345E Bioethics/Option D (satisfied by 300/400 level mpact of Technology/Option D (satisfied by 300/400 level mpact of Technology "T" course) NMED 393 Clinic Skills 2  **SUMMER SEMESTER (8 credits)**  **Agior Coursework: Credit Hours MED 440 Clinical NMT 1 8  **TEALL SEMESTER (15 credits)**  **Agior Coursework: SPRING SEMESTER (14 credits)**  **Agior Coursework: Credit Hours Major Coursework: Credit Hours Major Coursework: NMED 450 Clinical NMT II 8  **MED 450 Clinical NMT II 8 NMED 460 Clinical NMT III 8  **MED 402 4 NMED 410 Non-Imaging NMT 3			SPRING SEMESTER (13 credits)		
MED 300 Medical Terminology 3 NMED 332 Instrumentation 4 MED 331 Concepts in NMT 4 NMED 335 Radiation Health 3 HIL 345E Bioethics/Option D 3 NMED 401 NMT I 4 mpact of Technology/Option D (satisfied by 300/400 level mpact of Technology "T" course)  **MED 393 Clinic Skills**  **SUMMER SEMESTER (8 credits)  **MED 440 Clinical NMT 1 8  **SEMESTER (15 credits)  **Agjor Coursework:  **FALL SEMESTER (15 credits)  **Agjor Coursework:  **MED 450 Clinical NMT II 8  **MED 450 Clinical NMT II 8  **MED 450 Clinical NMT III 8  **MED 450 NMED	111		· · · · · ·		
MED 331 Concepts in NMT  4 NMED 335 Radiation Health 3 PHIL 345E Bioethics/Option D 3 NMED 401 NMT I 4 Impact of Technology/Option D (satisfied by 300/400 level impact of Technology "T" course)  SUMMER SEMESTER (8 credits)  Agjor Coursework:  TEALL SEMESTER (15 credits)  Agjor Coursework:  SPRING SEMESTER (14 credits)  Agjor Coursework:  Major Coursewor	<del></del>	-			
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mpact of Technology/Option D (satisfied by 300/400 level mpact of Technology "T" course)  SUMMER SEMESTER (8 credits)  Agjor Coursework:  SEMED 440 Clinical NMT 1  SEMED 440 Clinical NMT 1  SPRING SEMESTER (14 credits)  Agjor Coursework:  MED 450 Clinical NMT II  SPRING SEMESTER (14 credits)  MED 450 Clinical NMT II  SUMED 450 Clinical NMT II  SUMED 450 Clinical NMT III  SUMED 450 CLINICAL N	*	•			
Major Coursework:  FALL SEMESTER (15 credits)  Agior Coursework:  MED 450 Clinical NMT II  RED SPRING SEMESTER (14 credits)  Major Coursework:  Ma	*	3	NMED 401 NMT I	4	
SUMMER SEMESTER (8 credits)   SUMMER SEMESTER (8 credits)   Agjor Coursework:   Credit Hours   SUMMED 440 Clinical NMT 1   8   SUMMED 440 Clinical NMT 1   SUMMED 450 Clinical NMT II   SUMED 450 CL		3	NMED 393 Clinic Skills	2	
Major Coursework:         Credit Hours           IMED 440 Clinical NMT 1         8           YEAR 4 - SENIOR \ 29 CREDITS)           SPRING SEMESTER (14 credits)           Major Coursework:         Credit Hours           MED 450 Clinical NMT II         8           MED 402         4           NMED 410 Non-Imaging NMT         3					
MED 440 Clinical NMT 1   8					
YEAR 4 - SENIOR (29 CREDITS)       FALL SEMESTER (15 credits)     SPRING SEMESTER (14 credits)       Major Coursework:     Credit Hours     Major Coursework:     Credit Hours       IMED 450 Clinical NMT II     8     NMED 460 Clinical NMT III     8       IMED 402     4     NMED 410 Non-Imaging NMT     3	Major Coursework:				
FALL SEMESTER (15 credits)         SPRING SEMESTER (14 credits)           Major Coursework:         Credit Hours         Major Coursework:         Credit Hours           IMED 450 Clinical NMT II         8         NMED 460 Clinical NMT III         8           IMED 402         4         NMED 410 Non-Imaging NMT         3		-	(40 CDEDIEG)		
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IMED 450 Clinical NMT II         8         NMED 460 Clinical NMT III         8           IMED 402         4         NMED 410 Non-Imaging NMT         3	Major Coursework:	Credit Hours	` '		
	NMED 450 Clinical NMT II		<del></del>		
	NMED 402	4	NMED 410 Non-Imaging NMT	3	
	NMED 403 Radiopharmacy	3	NMED 475W Adm./Mgmt in NMT	3	
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## MATH/SCIENCE PLACEMENT INFORMATION:

MATH 102M requires Math SAT of 460 (OLD)/500 (NEW) or better or ACT of 24 or better; students who do not meet this criteria must enroll in MATH 103M STAT 130M requires Math SAT of 460 (OLD)/500 (NEW) or better or ACT of 24 or better or credit for MATH 102M or 103M

\*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.

**NOTE:** Option D satisfies the Upper Division General Education requirement by completing six (6) credits at the 300-400 level outside of the college of your major. 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 REQIUREMENTS**: 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.