

**United States Armed Forces / Old Dominion University  
2023 – 2024 Catalog  
Military Pathway**

**BACHELOR OF SCIENCE - MEDICAL LABORATORY SCIENCE**

<b>Requirements Potentially Satisfied Outside Classroom</b>				
<b>Military Course, Certification, Experience, or Exam</b>	<b>ODU Equivalent Course</b>			<b>Credits</b>
CLEP <sup>1 2 3</sup> - College Composition (NOT Modular)	ENGL	110C	English Composition I	3
DSST – Technical Writing	ENGL	231C	Writing, Rhetoric, and Research: Special Topics	3
CLEP – College Algebra	MATH	102M	College Algebra	3
DSST – Principles of Statistics	STAT	130M	Elementary Statistics	3
CLEP – Any one of eight available Social Sciences exams EXCEPT Introduction to Educational Psychology	HB	1REQ	Human Behavior Requirement	3
CLEP – American Literature OR Analyzing & Interpreting Literature	ENGL ENGL	114L 112L	Literature Requirement	3
CLEP – Biology <sup>4</sup>	BIOL	121N/122N	General Biology I lecture and lab	4
CLEP – Chemistry	CHEM	121N/123N	Foundations of Chemistry I & II (credit available for lecture only)	6
CLEP – Any one of five available History exams	INTP	1REQ	Interpreting the Past Requirement	3
CLEP – Foreign Languages OR military linguist OR Defense Language Institute Foreign Language Center (DLIFLC) graduate	FR GER SPAN	101/2F 101/2F 101/2F	Language and Culture Requirement <sup>5</sup>	6
CLEP – Principles of Management	MGMT	325	Upper-Division Gen Ed Elective Option D	3
CLEP – Principles of Marketing	MKTG	311	Upper-Division Gen Ed Elective Option D	3
Healthcare specialties with field medical and/or emergency medical training/experience	BIOL	250 & 251	Human Anatomy and Physiology I and II	8
Medical Laboratory Technician all service branches	CHEM	212	Organic Chemistry Lab	2
Medical Laboratory Technician all service branches	MLS	210	Orientation to Medical Lab Science	1
Medical Laboratory Technician all service branches	MLS	307	Clinical Methods in Microbiology	1
Medical Laboratory Technician all service branches	MLS	308	Clinical Microbiology	2
Medical Laboratory Technician all service branches	MLS	311 and 312	Hematology Lecture and Lab	4
Medical Laboratory Technician all service branches	MLS	313	Diagnostic Methods in Urinalysis	2
Medical Laboratory Technician all service branches	MLS	319	Medical Bacterial Methods	2
Medical Laboratory Technician all service branches	MLS	320	Blood Collection Techniques	2
Medical Laboratory Technician all service branches	MLS	325	Clinical Instrumentation Methods	1
Medical Laboratory Technician all service branches	MLS	331	Clinical Immunology/Serology Lab	1
Medical Laboratory Technician all service branches	MLS	336	Immunohematology Lab	1
Medical Laboratory Technician all service branches	MLS	404	Clinical Hematology Practicum	4
Medical Laboratory Technician all service branches	MLS	406	Clinical Microbiology Practicum	5
Medical Laboratory Technician all service branches	MLS	452	Clinical Biochemistry Practicum	5
Medical Laboratory Technician all service branches	MLS	454	Clinical Blood Bank Practicum	4
Medical Laboratory Technician all service branches	MDTS	401	Molecular Diagnostics Laboratory	3
E6-E9 healthcare specialties all service branches	HLTH	120G	Information Literacy for Health Professionals	3
<b>Potential requirements satisfied outside classroom</b>				<b>94</b>

Note: Prior learning credit not to exceed 60 credit hours is also available in specific situations at a cost of 20-50% of the current tuition rate: <https://ww1.odu.edu/academics/academic-records/evaluation-of-credit/prior-learning>

<sup>1</sup> Passing CLEP/DSST examination score satisfies requirement. See <https://clep.collegeboard.org/> and <https://ww1.odu.edu/academics/academic-records/score-analysis/clep-dantes> for details.

<sup>2</sup> Student may forego CLEP/DSST examination and satisfy requirement by taking course at ODU or other school. If a course is taken elsewhere check first with an ODU advisor or <https://transfer2.odu.edu/equivalency/> to ensure transfer equivalency.

<sup>3</sup> Modern States offers CLEP preparatory courses. See <https://modernstates.org/> for details.

<sup>4</sup> Biology is the only CLEP examination that will satisfy all 8 credit hours for the Nature of Science requirement.

<sup>5</sup> Language and Culture requirement can be satisfied by 3 years of a foreign language or 2 years of 2 foreign languages in high school. Students whose native language is not English are exempt from taking a foreign language for general education.

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**Requirements Satisfied at ODU or other Regionally Accredited School**

**A minimum of 30 credit hours must be satisfied at ODU and 120 credits total to earn degree**

**This degree-completion program is designed for part-time students**

<b>Subject</b>	<b>Course Number</b>	<b>Course Title</b>	<b>Credits</b>
Human Creativity	Multiple choices	Human Creativity Requirement	3
PHIL	345E	Bioethics (preferred; 300/400 level P or E course meets req)	3
CHEM	120N	Foundations of Chemistry I lab (for online programs only)	1
CHEM	124N	Foundations of Chemistry II lab*	1
CHEM	211	Organic Chemistry I lecture	3
Impact of Technology	Multiple choices	Impact of Tech Req (any 300/400 T course except DNTH 440T)	3
MLS	309	Medical Bacteriology	3
MLS	310	Urinalysis and Body Fluids	1
MLS	324	Clinical Instrumentation	3
MLS	326	Immunohematology	3
MLS	328	Advanced Hematology and Hemostasis	2
MLS	330	Clinical Immunology/Serology	2
MLS	340	Medical Parasitology, Mycology, and Virology	1
MLS	351	Clinical Biochemistry	3
MLS	402	Survey of Clinical Molecular Techniques	2
MLS	403W	Management in the Clinical Setting	3
MLS	440	Statistical Applications and Data Analysis in Clinical Lab	3
MLS	441	Clinical Hematology Comp (waived if B or higher in MLS 328)	1
MLS	442	Clinical Microbiology Comp (waived if B or higher in MLS 309 & 340)	1
MLS	443	Clinical Biochemistry Comp (waived if B or higher in MLS 324 & 351)	1
MLS	444	Clinical Blood Bank Comp (waived if B or higher in MLS 326)	1
MLS	457	Medical Laboratory Science Seminar	1
Upper-Division General Ed	Options A, B, or C	Upper-Division Gen Ed Requirements (N/A if Option D chosen)	6-12
<b>Requirements satisfied at ODU or elsewhere</b>			<b>46-57</b>
<b>Total credit hours for degree</b>			<b>121+</b>

\*Not available online. Course must be taken on campus or a transfer equivalent course must be taken at another regionally accredited school and passed with C or better.

Next steps:

1. Submit application at <https://www.odu.edu/apply/applications>. Online students only - use application fee waiver code provided by your ODUGlobal enrollment coordinator.
2. Order your high school, college, CCAF, and/or joint service transcripts sent to [admissions@odu.edu](mailto:admissions@odu.edu) or Old Dominion University, Undergraduate Admissions, 1004 Alfred B. Rollins Jr. Hall, Norfolk, Virginia 23529-0050.
3. Electronically sign your application.
4. Monitor your application portal for status updates until an admission decision is made.
5. Accept your admission offer and set up your ODU account/email as directed by Admissions.
6. Complete orientation and meet with your academic advisor prior to course registration.
7. Finalize your degree plan based on this transfer pathway document with your academic advisor.

*Harold Riethman*

11/8/23

**Dr. Harold Riethman  
Professor and Chair  
Medical Diagnostic and Translational Sciences  
Old Dominion University**

**Date**



11/10/2023

**Dr. Brian Payne  
Vice Provost  
Academic Affairs  
Old Dominion University**

**Date**