

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

BACHELOR OF SCIENCE - COMPUTER SCIENCE

Requirements Potentially Satisfied Outside Classroom				
Military Course, Certification, Experience, or Exam	ODU Equivalent Course			Credits
CLEP ^{1 2 3} - College Composition (NOT Modular)	ENGL	110C	English Composition I	3
DSST – Technical Writing	ENGL	231C	Writing, Rhetoric, and Research: Special Topics	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 ⁴	BIOL	121N 122N 123N 124N	Nature of Science Requirement	8
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 ⁵	6
Instructor, recruiter, career counselor, certain specialties	OCP	1REQ	Oral Communication Requirement	3
CLEP or DSST or credit determined by faculty evaluation of exam scores, college, CCAF, and joint service transcripts plus interview	GEN	300- 400-	Upper-Division General Education Requirements for Option D	6
Must be serving in a computer science billet. Faculty will provide requirements to be signed off by servicemember's supervisor. Minimum 150 hours per semester to earn 3 credit hours.	CS	367 or 368	Cooperative Education or Computer Science Internship (satisfies 1-6 CS elective credits)	3
Potential requirements satisfied outside classroom				41

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>

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

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

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

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

⁵ 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 <u>at ODU</u> and 120 credits total to earn degree			
Subject	Course Number	Course Title	Credits
CS	115 or 315	Introduction to Computer Science with Python or CS Undergrad Colloquium	1
CS	121G or 202G	Introduction to Information Literacy & Research for Scientists or Information Literacy for Cybersecurity	3
CS	150, 151, or 153	Intro to Programming w/C++ or Java or Python	4
CS	170 and 270	Introduction to Computer Architecture I and II	6
CS	250 & 261 or 251 & 260 or 253 & 260 & 261	Programming with C++ and Java for Programmers or Programming with Java and C++ for Programmers or Transfer Credit for Programming w/Python & C++ for Programmers & Java for Programmers	5-6
CS	252	Introduction to UNIX for Programmers	1
CS	330	Object-Oriented Programming and Design*	3
CS	350	Introduction to Software Engineering*	3
CS	355	Principles of Programming Languages	3
CS	361	Data Structures and Algorithms	3
CS	381	Introduction to Discrete Structures	3
CS	390	Introduction to Theoretical Computer Science	3
CS	410	Professional Workforce Development I*	3
CS	411W	Professional Workforce Development II*	3
CS	417	Computational Methods and Software	3
CS	418 or 450	Web Programming or Database Concepts	3
CS	471	Operating Systems	3
Computer Science electives	Multiple choices	Computer Science Elective Requirements	9
Technical elective	Multiple choices	Technical Elective Requirement	3-4
Human Creativity	Multiple choices	Human Creativity Requirement	3
Philosophy and Ethics	Multiple choices	Philosophy and Ethics Requirement	3
MATH	211	Calculus I	4
MATH	212	Calculus II	4
MATH	316	Linear Algebra	3
STAT	330	Introduction to Probability and Statistics	3
Requirements satisfied at ODU or elsewhere			85-87
Total credit hours for degree			120+

*Satisfies Impact of Technology requirement

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 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.

Ravi Mukkamala 11/17/2023

Dr. Ravi Mukkamala
Professor and Chair
College of Sciences
Old Dominion University

Date



11/17/2023

Dr. Brian Payne
Vice Provost
Academic Affairs
Old Dominion University

Date