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	НВ	1REQ	Human Behavior Requirement	3
CLEP – American Literature OR	ENGL	114L	Literature Requirement	3
Analyzing & Interpreting Literature	ENGL	112L	·	
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 at ODU and 120 credits total to earn degree **Subject Course Number** Credits **Course Title** Introduction to Computer Science with Python or CS Undergrad Colloquium CS 115 or 315 CS 121G or 202G Introduction to Information Literacy & Research for Scientists or 3 Information Literacy for Cybersecurity Intro to Programming w/C++ or Java or Python CS 150, 151, or 153 4 170 and 270 Introduction to Computer Architecture I and II CS 6 250 & 261 or Programming with C++ and Java for Programmers or CS Programming with Java and C++ for Programmers or 251 & 260 or 5-6 Transfer Credit for Programming w/Python & C++ for Programmers & Java for Programmers 253 & 260 & 261 Introduction to UNIX for Programmers CS 252 1 CS 330 Object-Oriented Programming and Design* 3 350 Introduction to Software Engineering* 3 Principles of Programming Languages CS 355 3 Data Structures and Algorithms CS 361 3 CS Introduction to Discrete Structures 381 3 CS 390 Introduction to Theoretical Computer Science 3 410 Professional Workforce Development I* CS Professional Workforce Development II* CS 411W 3 CS 417 Computational Methods and Software 3 CS 418 or 450 Web Programming or Database Concepts 3 CS **Operating Systems** 471 3 Computer Science electives Multiple choices Computer Science Elective Requirements 9 Technical elective Multiple choices Technical Elective Requirement **Human Creativity** Multiple choices **Human Creativity Requirement** 3 Philosophy and Ethics Requirement Philosophy and Ethics Multiple choices 3 MATH 211 Calculus I 4 212 Calculus II MATH 4 Linear Algebra MATH 316 3 Introduction to Probability and Statistics STAT Requirements satisfied at ODU or elsewhere 85-87 Total credit hours for degree 120 +

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.
- Electronically sign your application.
- Monitor your application portal for status updates until an admission decision is made.
- Accept your admission offer and set up your ODU account/email as directed by Admissions.
- 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 Wykkamala 11/17/2023 Dr. Ravi Mukkamala Date

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

11/17/2023

^{*}Satisfies Impact of Technology requirement