Norfolk State University BS in Computer Science
Associate Transfer Degree Plan in Computer Science

COURSE REQUIREMENTS

Complete at VCCS			Complete at NSU		
BACHELOR'S DEGREE REQUIREMENT		**SATISFIED BY**		**BACHELOR'S DEGREE REQUIREMENT**	
Course	Credits	CC Course	Notes	Course	Credits	Notes
SEM 101 (1 credit), SEM 102 (1 credit), or SEM 201 (1 credit)	1-2	SDV 100 College Success Skills or 101 Orientation	Students will receive 1 or 2 credits based on the number of credits transferred from the VCCS course. Students may need to take SEM 201 or additional 1 or 2 credits at NSU to meet the minimum credit hours required for graduation.	ENG 383, MUS 234, HIS 335, HIS 336, HRP 320, HIS 371	6	Two courses from this group are required to satisfy the University's cultural perspectives requirement and are considered upper-division gen. ed. courses.
ENG 101	3	ENG 111		ENG 303	3	Technical Writing
ENG 102	3	ENG 112 or 113		MTH 351	3	
ENG 285	3	CST 100 or CST 110	A UCGS course in public speaking or communication is required.	Mathematics Elective 300 level or above	3	
HUM-XXX, FIA XXX, MUS XXX, or ENG 207	3	Any UCGS Humanities, Fine Arts, or Literature		**Required Core Courses as follows:**	**30**	**The major consists of a minimum of 29 additional semester hours in the subject or discipline.**
HUM-XXX, FIA XXX, MUS XXX, or ENG 207	3	Any UCGS Humanities, Fine Arts, or Literature	Must not be from the same category as the prior Humanities series; Free Elective	CSC 101	1	
HIS XXX	3	Any UCGS History		CSC 170L	1	
SOC 101, BUS 175, or ECN 200	3	Any UCGS Social Science or Behavioral Science		CSC 275	3	Fundamentals of Cybersecurity
BIO 110 (3 credits) and BIO 110L (1 credit). CHM 221 (3 credits) and CHM 221L (1 credit). PHY 152 (3	8	BIO 101, CHM 111, or PHY 201/241 (These are 4-credit courses at VCCS.)	Students must take two of the courses to satisfy the 7-credit NSU Gen. Ed. requirement.	CSC 295	3	Satisfies the second language

credits) and PHY 152L (1 credit).		2 Different Science Options are chosen				
MTH 184	4	MTH 263		CSC 292 Unix and C Programming	3	Prerequisite: CSC 260
MTH 251	4	MTH 264		CSC 361 Survey of Programming	3	Prerequisite: CSC 260
MTH 371	3	MTH 288 or CSC 208	4 credit hours at NSU	CSC 380 Software Engineering	3	Prerequisite: CSC 260
CSC 170 (3 Credits)	3	CSC 221	C++ and Java are required within the three-course sequence CSC 221, CSC 222, and CSC 223. CSC 170L (1 Credit) would have to be satisfied	CSC 430 Data Communication	3	Prerequisite: CSC 372
CSC 260 (3 Credits), CSC 260L (1 Credit).	4	CSC 222	C++ and Java are required within the three-course sequence CSC 221, CSC 222, and CSC 223.	CSC 464 Operating Systems	3	Prerequisite: CSC 372
CSC 372	4	CSC 223	C++ and Java are required within the three-course sequence CSC 221, CSC 222, and CSC 223. 3 credits for CSC 372 & 1 General Education credit	CSC 468 Computer Architecture	3	Prerequisite: CSC 268
CSC 268	3	CSC 205		CSC 498 Senior Seminar I	2	Students expected to be in the 1st semester of their senior year while taking this course
MTH 153	5-6	MTH 161 and MTH 162 or MTH 167	MTH 162 Recommended; MTH 161 transfers as general education credit 3 credits for MTH 153 & 2-3 General Education credit	CSC 499 Senior Seminar II	2	Prerequisite: CSC 498 Students expected to be in the 2nd semester of their senior year while taking this course
PED 100 (1 credit) and HED 100 (2 credits)	3	UA Any UCGS course or PED 101 and HLT 110		**Required CS Elective Courses:**	**18**	**The Elective Courses consist of another 18 semester hours in a CS subject**
				Free Elective Courses	**0**	**The Elective Courses consist of 3 additional semester hours in any subject**
CREDITS PRE-TRANSFER: 60-62				**CREDITS POST-TRANSFER: 63**		

Program Admission Statement

A Guaranteed Admission Agreement between NSU and the VCCS is available but does not guarantee enrollment in any specific major.

- Earn a transfer associate degree based on the Computer Science curriculum. See the transfer guide for Computer Science.
- Earn a minimum of 2.0 GPA for the associate degree.
- A maximum of 60 credits will transfer and apply toward the B.S. in Computer Science degree requirements.
- Submit your transfer application for admission by March 1, including an unofficial transcript.
- Request an official transcript to be sent upon completing the associate degree.
- Transfer within four years of first enrolling at the community college and within one year of completing an appropriate associate degree.

Please visit the TransferVirginia.org portal to find course requirements for different majors (Transfer Tools) and Transfer Guides that outline course requirements for specific majors (Resource Center).

See the VCCS Transfer Programs page for more details in our Guaranteed Admission Agreement.

No letter of intent is required to apply for guaranteed admission.

This transfer guide shows an optimal path to a bachelor's degree in Computer Science at Norfolk State University. Completing the coursework above will position you to transfer to NSU in Computer Science with junior standing and the potential to graduate in two years. If you complete the associate degree but haven't taken all of the recommended courses, you may still be able to pursue a Computer Science degree at NSU, but your time to graduation may be impacted.

IMPORTANT LINKS & DATES:

- **University Transfer Center:** Transfer Admissions & Services https://www.nsu.edu/transfer
- **Register Intent to Transfer:** By the end of your first semester at the Community College through College Connect at www.TransferVirginia.org
- **Admission Application:** By May 1 at https://www.nsu.edu/Admissions-Aid/Apply-Online
- **Financial Aid:** https://www.nsu.edu/tuition-and-financial-aid
- **FAFSA - Free Application for Federal Student Aid:** By October 1 at https://studentaid.gov/h/apply-for-aid/fafsa

WHAT SHOULD I CONSIDER WHEN SELECTING COURSES?

- All students must complete the NSU's General Education requirements to qualify for the B.S. Degree. Computer Science majors must complete at least 120 credits to complete the B.S. degree. Computer Science majors must meet prerequisites or their equivalents prior to enrolling in more advanced Computer Science courses.
- All math and English courses must be completed before the student's last semester starts.

- Create a schedule for all required courses, pay attention to prerequisites, and when courses are offered, complete your first math and English courses in your first year. For help, see Transfer Steps and Resource Center at www.TransferVirginia.org.
- Connect with an advisor at your community college and NSU within your first year. College Connect is available in your account at www.TransferVirginia.org.

IS THIS DEGREE RIGHT FOR ME?

- The Bachelor of Science degree in Computer Science is accredited by the Computing Accreditation Commission of ABET.
- Computer Science is currently one of the largest majors in the College of Science, Engineering, and Technology (CSET).
- Students can choose among three major tracks: Computer Science, Cybersecurity, Computer Engineering, or Software Engineering. More details at https://www.nsu.edu/cs.
- Students are encouraged to participate in undergraduate research with faculty at Norfolk State University
- NSU CS programs are blended with a mix of theoretical and practical concepts.
- Most courses include a laboratory component that stresses hands-on aspects of the subject.
- All CS majors are expected to take a substantial number of courses in mathematics because of the strong correlation between the logical thinking expected in mathematics and its tie with CS.

WHAT IS THE IMPACT ON THE DEGREE OF WORK I HAVE ALREADY COMPLETED?

- **Associate Transfer Degree Completion:** Completion of a transfer-level associate degree could satisfy lower-division general education requirements.
- **Dual Enrollment – Completion of the Associate Degree in HS:** The agreement of guaranteed admission into the college applies to students earning an associate degree concurrent with high school who have completed a transfer-approved degree with a minimum of 45 credits completed through a Virginia Community College, with a GPA of 2.0 or higher and that meets all requirements outlined in the Transfer Guide.
- **Credit for Prior Learning:** All course credits that were awarded by the two-year institution for equivalent prior learning experiences (IB, AP, CLEP, Military, etc.) will transfer based on the transfer equivalence for the course awarded.
- **Catalog Year:** Catalog year is determined by the first semester of attendance at the community college post-high school graduation. For students maintaining continuous enrollment, this entitlement will be in effect for a minimum of four years from the time of the student's first enrollment at the two-year institution. Students must enroll at the four-year institution within one year of completing their associate degree.

IS THIS COLLEGE RIGHT FOR ME?

- NSU has been ranked by U.S. News and World Report as one of the Top 20 HBCUs in the nation.
- It is close to downtown Norfolk and within driving distance of Virginia Beach.
- On-campus housing is available. Weekend/evening/summer courses are available, and online degree options are available for several programs.
- NSU is a military-friendly institution.
- Learn more about our college at www.TransferVirginia.org.

DID YOU KNOW THAT…

- Completing your Associate transfer degree post-high school could satisfy lower-division general education requirements and increase the chance of completing your bachelor's degree.
- Exceeding 3 years or 90 credits at your community college means you may have exhausted your financial aid at that college and have limited your future financial aid at NSU.

WHAT CAN I DO WITH THIS DEGREE?

- Explore possible careers, salaries, and job outlook at www.TransferVirginia.org.
- In general, Computer Science degree programs prepare students for careers as Computer Software Engineers, developers, Data analysts, Forensic computer analysts, Game designers, Game developers, Machine learning engineers, Penetration testers, Software engineers, Systems analysts, UX designers, Web designer, Web developer, and several other allied professions. The NSU CS degree program also provides an adequate foundation for students who wish to pursue graduate study in Computer Science.

PROGRAM SUCCESSES & HIGHLIGHTS

- Students in this program have numerous opportunities to participate in competitions, internships, grant-supported research initiatives, and industry traineeships.
- More than 85% of undergraduate computer science students have a job before they graduate.
- In today's America, the median starting salary for the year 2021 was $74,427 and higher in several states with a possible median bonus of up to $10,000.

WHAT ARE MY CHANCES OF GETTING ACCEPTED?

- Each year about 34.47% of transfer students apply to enter Norfolk State University as a transfer student in the College of Science, Engineering, and Technology, CSET. Approximately 17.45% of transfer students are offered admission. There are 8.44% of transfer students enrolled and the average GPA of transfer students enrolled is 2.81.
- Learn more about applying to Norfolk State University at https://www.nsu.edu/transfer-admissions-and-services.
- Learn more about applying at www.TransferVirginia.org.

DO MORE WITH YOUR DEGREE!

The Computer Science Department has three graduate degrees: M.S. in Computer Science, an accelerated online M.S. in Computer Science, and an online M.S. in Cybersecurity. This affords our graduating students the opportunity to immediately apply to those programs as well.

OTHER THAN CLASSES, ARE THERE OTHER PROGRAM REQUIREMENTS?

- All students must complete a total of at least 120 credit hours.
- Overall GPA on all Norfolk State University courses must be at least 2.0.
- Overall GPA on courses designated in major and taken at Norfolk State University must be at least 2.0.