

ACCELERATED UNDERGRADUATE-GRADUATE DEGREE

ARTICULATION AGREEMENT

with Virginia Polytechnic Institute and State University

(for the Computer Engineering and Computer Science Graduate Programs)

This Agreement, effective the ____ day of ____, 2022, is made by and between Virginia Polytechnic Institute and State University, known as Virginia Tech (VT) and an eligible college or university, referred to as partner institution in this agreement, as determined in the amendments. In this instance, the partner institution is Roanoke College.

Partner Institution offers a Bachelor-level degree and courses that provide the prerequisite material needed for admission to the following graduate degree programs at VT:

- VT's Department of Computer Science (CS), Master of Science (MS) Computer Science and Applications, Master of Engineering (MEng) Computer Science and Applications
- VT's Department of Electrical and Computer Engineering (CPE), Master of Science (MS) Computer Engineering, Master of Engineering (ME) Computer Engineering

Program Goals

The goal of the accelerated undergraduate/graduate (UG/G) program in Computer Science or Computer Engineering is to enable qualified undergraduate students, including non-CS and non-engineering majors, to take courses toward a VT graduate degree before completing their BS/BA degree. This agreement secures the student admission into the graduate program for which the student applies and allows a set of approved courses taken at the home institution to count towards the Bachelor's degree program and to be transferred to Virginia Tech to count towards the Master's degree. The benefit of the Accelerated UG/G program is to reduce time to completion of a graduate degree and to facilitate an early transition into the VT Computer Science and Applications (CSA MS/MEng) and Computer Engineering (CPE MS/ME) graduate degree programs. If a partner institution offers eligible graduate-level credit participating students can take up to 12 graduate credits deemed as eligible for transfer to a VT graduate degree. If a partner institution does not offer graduate-level credit, participating students can take up to 6 undergraduate credits deemed as eligible for transfer to a VT graduate degree. The grades received for transferred graduate course credits at partner institution do not factor into the VT CSA MS/MEng and CPE MS/ME GPA.

Program Advertising and Promotion to Students

The home institution will take the lead in advertising the Accelerated UG/G program to its current and prospective students. This advertising will include outreach to high schools from which the home institution draws its students and to current eligible students. VT will participate in recruitment events organized by the home institution to the extent mutually deemed necessary.

Program Requirements, Characteristics, and Application Process

Access to the program is limited to those currently enrolled at the partner institution. Interested students must apply to VT's CSA MS/MEng and CPE MS/ME Accelerated UG/G program before the last 12 months of their undergraduate degree (i.e., in the 2nd semester of a student's Junior year), and be accepted. Applications must be submitted online, and fee waiver instructions will be provided as part of the online application process prior to submission. This process will allow all applicants to apply without an application fee. Application to the VT CSA MS/MEng and CPE MS/ME graduate degree does not require submission of GRE scores. Admission to the accelerated program requires a minimum overall GPA of 3.3 at the time of application. Applications must meet the requirements of the Graduate School, including submission of official transcripts for all non-VT coursework.

Upon submission of the application for admission to the Accelerated UG/G Program, the student must immediately complete and submit the Accelerated UG/G Status and Course Designation Form. This form lists all courses that the student intends to take during the UG/G program to be transferred to VT. This form will be reviewed and approved by the VT Computer Science or Electrical and Computer Engineering Department graduate program staff and faculty. Approved courses will be reviewed annually by the home institution and VT.

The student must adhere to Graduate School policy and do the following to remain in good standing while in UG/G program:

- Only credits taken in the last 12 months of the undergraduate degree are eligible for transfer towards the graduate degree
- A minimum GPA of 3.3 is required at the time of application to the program; once accepted into the program students must maintain an overall GPA of 3.0 for the remainder of their undergraduate coursework
- Once completion of the undergraduate degree has been verified, a student accepted into the accelerated program will be classified as a graduate student

- A maximum of 12 credits from the partner institution may be transferred; no more than 6 transfer credits may be at the undergraduate level (e.g., comparable to a 4000-level course at VT)
- A grade of B or better must be earned in each course to be transferred
- Courses must not be taken pass-fail if a graded option is available
- Once accepted into the accelerated UG/G program, the student should complete the graduate courses that they intend to transfer to VT prior to their undergraduate degree completion. The remaining graduate courses will be taken during their time at VT

Justification and Quality Review Process

Faculty at both institutions were involved in the formation of the MOU with review of course syllabi inclusive of learning outcomes to ensure that degree requirements are met. Signatures from the program directors at each institution are required for approval of courses and to meet the undergraduate and graduate policies (e.g., VT Policy 6700) for the transfer of credit in the UG/G agreement. An annual review of courses by faculty at both institutions will ensure quality and timely additions and edits to the course listings.

Accreditation Status

This agreement is contingent upon each institution's good standing with SACSCOC.

Modifications

Modifications of the Agreement must be agreed to by the parties in writing.

Force Majeure

The performance of the Articulation Agreement by either party shall be subject to force majeure including, but not limited to, acts of God, fire, flood, natural disaster, war or threat of war, acts or threats of terrorism, civil disorder, unauthorized strikes, governmental regulation or advisory, recognized health threats as determined by the World Health Organization, the Centers for Disease Control, or local government authority or health agencies (including but not limited to the health threats of COVID-19, H1N1, or similar infectious diseases), curtailment of transportation facilities, or other similar occurrence beyond the control of the parties, where any of those factors, circumstances, situations, or conditions or similar ones prevent, dissuade, or unreasonably delay the undergraduate/graduate program, or where any of them make it illegal, impossible, inadvisable, or commercially impracticable to hold the

undergraduate/ graduate program or to fully perform the terms of the Articulation Agreement. The Articulation Agreement may be canceled by either party, without liability, damages, fees, or penalty, for any one or more of the above reasons, by written notice to the other party.

Term and Termination

This agreement shall be effective as of the date of the execution and shall continue for a term of 5 years, after which time this Agreement shall be automatically renewed for 5 years terms unless otherwise terminated herein. This Agreement may be terminated by either party by providing 1 calendar year prior written notice to the other party. Termination of this Agreement shall not affect students who are currently participating in the UG/G program and the terms of this Agreement shall continue to apply to students until the completion of their undergraduate degree.

The undersigned agree to the ACCELERATED UNDERGRADUATE-GRADUATE DEGREE ARTICULATION AGREEMENT.

Dean Julia Ross
College of Engineering, Virginia Tech


Date

Dean Aimée Surprenant
Graduate School, Virginia Tech

Date

Cyril Clarke
Provost
Virginia Tech

Date



Kathy Wolfe
Vice President for Academic Affairs and
Dean of the College
Roanoke College

2-22-23
Date

Addendum Roanoke College

Pathway for RC students to the RC/VT Accelerated UG/G CSA graduate program

RC Engineering Science and non-Engineering Science majors are eligible to apply in their Junior year and be accepted into the RC/VT Accelerated UG/G CSA graduate program by completing a set of introductory CSA courses. To be eligible for admission, CNU students complete the following courses by the 2nd semester of their Junior year and maintain an overall minimum GPA of 3.3.

RC Course	VT Equivalent
CPSC 120 Programming and CPSC 170 Fundamentals of Computer Science	CS1114 Introduction to Software Design
CPSC 250 Data Structures and Algorithms	CS 2114 Intro to Software Design and Data Structures

CNU Courses Currently Eligible for Transfer

The following courses are eligible for transfer into the graduate program in Computer Science:

CNU Course	VT Equivalent
CPSC 450 Theory of Computation	CS 4XXX Elective
CPSC 462 Analysis of Algorithms	CS 4XXX Elective
CPSC 470 Senior Project	CS 4XXX Elective