

TRANSFER GUIDE
Catalog Years: 2023-2025

Randolph-Macon College Bachelor of Science in Cybersecurity
Associate Transfer Degree Plan in Computer Science

COURSE REQUIREMENTS

| Complete at VCCS | | | | Complete at Randolph-Macon College | | |
|---|---------|--|--|---|---------|--|
| BACHELOR'S DEGREE REQUIREMENT | | SATISFIED BY | | BACHELOR'S DEGREE REQUIREMENT | | |
| Course | Credits | CC Course | Notes | Course | Credits | Notes |
| Not applicable | 1-2 | SDV 100 or 101 | | Diversity & Inclusion | 3 | |
| ENGL 185 | 3 | ENG 111 | | Non-Western Culture | 3 | |
| ENGL 010 (general elective) or WRIT 040 (upper-level) | 3 | ENG 112 or 113 | Applies as an elective to the College's requirement of 120 hours of total course credit to graduate. | Experiential Learning | 3 | |
| Equivalency dependent on selected course | 3 | PHI 220 | Completion of these requirements through the GAA will satisfy the Pillar requirements at RMC. We encourage students to refer to the equivalency guide and among AA/AS courses select courses which meet the following RMC designations: Aesthetic Expression Civic Life Global Experiences Human Condition Quantitative/ Symbolic Reasoning Scientific Process | Capstone | 3 | CSCI 403 meets this requirement. |
| Equivalency dependent on selected course | 3 | Any UCGS Art or Lit | | Communication in Context course | 3 | Not required if transferring under the GAA. |
| Equivalency dependent on selected course | 3 | Any UCGS History | | Wellness | 0 | |
| Equivalency dependent on selected course | 3 | Any UCGS Social/Behav Science | | CSCI 212 | 4 | |
| Equivalency dependent on selected course | 4 | Select ONE of the following courses: BIO 101, CHM 111, or PHY 241, GOL 105, GOL 106, GOL 110 | | CSCI 330 | 3 | |
| MATH 131** | 4 | MTH 263 | | CSEC 121 | 3 | |
| MATH 111 or 132** | 3-4 | MTH 245 or MTH 264 | | CSEC 321 | 3 | |
| Foreign Language (FL) | 6 - 8 | World Languages | Select a two-semester language sequence (total required number of credits may vary based on placement or proficiency tests) | CSEC 322 | 3 | |
| CSCI 111 | 3 | CSC 221 | | CSEC 323 | 3 | |
| CSCI 213 | 4 | CSC 222 | | Cybersecurity Electives | 3 | Meet with 4-YR Advisor to select |
| CSCI 112 | 4 | CSC 223 | | Other Electives to reach a total of 120 credits | 25-28 | Elective hours can also come from courses taken to complete a minor and/or a second major in a |

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| | | | | | | different discipline. For more details about available major and minor programs, see the College's Course Catalog . |
| CSCI 210 or MATH 220 | 3 | CSC 208 or MTH 288 | | | | |
| CSCI 211** | 3 | CSC 205 | | | | |
| Electives | 3-7 | Additional MTH if prereq courses needed to reach calculus, or electives approved for the Associate Degree in CSC | As needed if pre-transfer credit total is below 60 | | | |
| CREDITS PRE-TRANSFER: 60 | | | | CREDITS POST-TRANSFER: 60 | | |
| **These courses are not required for the degree at RMC, but they will count as general electives. | | | | | | |

TRANSFER GUIDANCE

Guaranteed Admission Agreement: Randolph-Macon College

This agreement does not guarantee your enrollment in any specific major.

By meeting the following criteria, you are guaranteed admission into Randolph-Macon College.

- Transfer-oriented associate degrees include the Associate of Arts (AA), the Associate of Science (AS), and the Associate of Arts & Sciences (AA&S) degrees identified by the State Council of Higher Education for Virginia (SCHEV) as university-parallel transfer degrees.
- A minimum cumulative GPA of 2.50 or higher for credits earned at the degree-granting institution is required.
- Students are required to earn a C or higher in each community college course applicable to the transfer degree from a VCCS institution.
- Students must meet all requirements to earn a transfer associate degree as determined by their VCCS institution, including a minimum of 60 credits. Additionally, students who were previously enrolled at RMC and transferred back to a VCCS college to complete the transfer-oriented associate degree are not eligible for participation in the GAA.
- A student may receive a maximum of 75 semester hours through transfer work from two-year and four-year institutions and/or credit-by-examination (e.g., Advanced Placement or International Baccalaureate). Additionally, no more than one-half of a student's major or minor coursework may be completed through transfer credit; at least one-half of the semester hours of the major or minor must be taken at Randolph-Macon.
- Students may register their intent to transfer through the Transfer Virginia portal or by contacting the RMC Office of Admissions. Students should have completed at least 45 college credits prior to registering their intent. Notification is recommended but not required.

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

majors. (Resource Center)

IMPORTANT LINKS & DATES:

- **University Transfer Center:** www.rmc.edu/transfer
- **Register Intent to Transfer:** upon earning 45 college credits through College Connect at www.TransferVirginia.org
- **Admission Application:** By June 1 for fall admission and December 1 for spring admission at www.rmc.edu/apply
- **Financial Aid:** www.rmc.edu/financialaid
- **FAFSA - Free Application for Federal Student Aid:** February 1 for fall semester at studentaid.gov

WHAT SHOULD I CONSIDER WHEN SELECTING COURSES?

- 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 Randolph-Macon College within your first year. College Connect available in your account of www.TransferVirginia.org

IS THIS DEGREE RIGHT FOR ME?

Cybersecurity is a computing-based discipline that involves the creation, operation, analysis, and testing of secure systems, networks, and applications to protect against a variety of digital threats.

The cybersecurity major provides an in-depth study of the creation, operation, analysis, and testing of secure systems, networks, and applications to protect against a variety of digital threats. The cybersecurity curriculum is based on national standards and builds on a computer science foundation. The curriculum emphasizes four main areas of cybersecurity: information security, software security, network security, and system security. Mindful of the rapid changes in technology, the curriculum seeks to prepare students for lifelong learning to enable them to meet future challenges.

Effective communication, which is central focus of the cybersecurity major at RMC, is a necessity for most job opportunities related to the discipline. Upon completion of the major, students are well prepared for further study in graduate school or for a wide range of job opportunities in industry and government agencies.

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

- **Associate Transfer Degree Completion:** RMC divides its general education requirements into four sections: Effective Communication, The Pillars of the Liberal Arts, Cross-Area Requirements, and Wellness. Students admitted to RMC who meet the terms of this GAA will be granted junior status. Students will be considered as having fulfilled RMC's lower division general education requirements, with the following exclusions and exceptions:
 - Students must complete any additional foreign language coursework necessary to satisfy the Effective Communication requirement of two consecutive courses in a foreign language or completion of a foreign language through the intermediate level (212 or 215).
 - Students must complete the college's Cross-Area Requirements, most of which can be fulfilled through major programs and should not significantly increase the time to completion of degree. These requirements include one course that is designated as non-western, one course that is attentive to diversity and inclusion, one course that is experiential in its delivery, and one course that fulfills the collegiate capstone requirement. When applicable, GAA students may apply courses taken for the VCCS transfer-oriented associate degree program to these remaining requirements.
- **Associate Degree Concurrent with High School:** This GAA is not applicable to students earning an associate degree concurrent with high school. High school students earning a concurrent associate degree will apply for admission consideration as a first-year student (not transfer student), and transfer credit will be reviewed on a course-by-course basis.
- **Credit for Prior Learning:** Students having earned credits through prior learning are still eligible for guaranteed admission. VCCS credit for courses completed through Advanced Placement, International Baccalaureate, Armed Services experiences, and other prior learning assessments will not automatically be eligible for individual transfer to RMC; such courses will be evaluated according to RMC's policy on credit-by-examination.
- **Catalog Year:** 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. Students must complete the degree requirements in effect at the time of their matriculation at RMC. GAA students may select an Academic Catalog from the two years prior to their matriculation, but this decision must be communicated to the Registrar's Office within the first semester of attendance at RMC.

IS THIS COLLEGE RIGHT FOR ME?

- Students enrolled at Randolph-Macon College attend classes primarily Monday-Friday between 8 am - 5 pm with very few evening courses.
- RMC is a residential college, and all students are generally required to live on campus. To learn more about the residential experience and policy for living off campus [click here](#).
- The large majority of RMC coursework is offered in-person and on campus. A very limited selection of online courses is offered in summer sessions.
- Learn more about our college at www.TransferVirginia.org

DID YOU KNOW THAT...

- Completing your Associate transfer degree post-high school satisfies all lower division general education requirements and increases 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 limited your future financial aid at RMC.
- If you apply as a traditional transfer and not through the intent to transfer under the GAA, you will be considered for admission with all other transfer applicants.
 - 60% of transfer applicants are accepted.
 - You have college experience, and that matters. We strive to make your transition to RMC as seamless as possible. In fact, we have been cited as a Phi Theta Kappa Honor Roll institution for our commitment to our transfer students.
- Learn more about applying at www.TransferVirginia.org

WHAT CAN I DO WITH THIS DEGREE?

- Conduct research in collaboration with a faculty member.
- Complete an internship that provides hands-on and real-world experiences.
- Pair it with a strong related program in computer science, mathematics, engineering, business, accounting, or communication studies.
- Explore possible careers, salaries, and job outlook at www.TransferVirginia.org

PROGRAM SUCCESSES & HIGHLIGHTS

- State of the art laboratory facilities available for a wide variety of courses and research.
- Most of the courses beyond the introductory sequence use Linux computer labs.
- All of the computer science courses provide hands-on learning opportunities.
- The computer labs are accessible to students 24/7 when the college is in session.

OTHER THAN CLASSES, ARE THERE OTHER PROGRAM REQUIREMENTS?

- Students are required to complete a capstone experience in their senior year. For the cybersecurity major, students must complete a project that applies knowledge obtained from the required content of the major to a real-world problem of their choosing.
- No more than one half of the courses on a major or minor can be transferred; at least one-half of the semester hours of the major or minor must be taken at Randolph-Macon.