

# Radford University Master's of Science in Data Information Management/Data Engineering Transfer Guide

Master's of Science in Data Information Management  
Catalog Years: 2023-2024

## COURSE REQUIREMENTS

Complete at VCCS					Course and Curricular Information for Radford University (RU)	
BACHELOR'S DEGREE REQUIREMENT	SATISFIED BY				Information for students planning to transfer to Radford University through the GAA, upon completion of the associate degree. <u>Students can get any transferable STEM associate degree, transfer to RU, and complete bachelor's and Master's degrees in Data Information Management (DAIM)/Data Engineering at RU.</u>	
Course	Credits	Gen Ed*	CC Course	Notes		
UNIV 100	1-2		SDV 100 or SDV 101	SDV 101 = 100 level elective		
ENGL 111	3	PUA	ENG 111			
ENGL 112	3	UA	ENG 112 or ENG 113	ENG 112 recommended to count as a Writing Intensive & Expression course.		
General Education	3	PUA	Any UCGS Humanities or Fine Arts			
General Education	3	UA	Any UCGS Humanities, Fine Arts, or Lit	This course must come from a different group than previous row		
General Education	3	PUA	Any UCGS History			
General Education	3	PUA	Any UCGS Social or Behavioral Science	Cannot be a history course		
General Education	4	PUA	Any UCGS Lab Science			
MATH 100 or higher	3-4	PUA	UCGS STEM major's math requirements	Math requirements vary by major		
	3-4	UA	Any UCGS course			
	3-4	UA	Any UCGS course			
Major Specific/Gen Ed	26-29		CSC 221; ITP 120 or CSC 222 (preferred); CSC 223; MTH 263; and any other transferrable VCCS courses	Additional credits needed to complete an associate degree; Earn a B or better in ITP 120 or CSC 222 and CSC 223;		

- If you complete a transferable associate degree, RU's general education requirements will be waived. You will only need to complete major requirements and reach minimum overall credit hour requirements.
- RU's General Education is designed to enable students to receive additional credentials in the form of second majors, minors, and certificates. Explore [REAL Navigator](#) for more information.
- You can major in any STEM field at a community college. Radford University will accept courses with a grade of 'C' or better in each community college course applicable to the transfer degree from a VCCS institution.
- Refer to RU's major specific transfer guides to learn about specific requirements for your **intended** major in the Artis College of Science and Technology (ACST) at RU. All [ACST majors](#) will be available to you through this GAA.
- You must complete application for your intended undergraduate degree (UD) program at ACST in compliance with the program's application dates. After applying to an UD program, you must apply to the Accelerated Master's degree program no less than 4 months before starting graduate classes. The application must include at least 1 letter of recommendation from a faculty member at the degree granting community college. By meeting these requirements, you are guaranteed admission into the DAIM/Data Engineering Accelerated Master's degree program at RU.
- Take Database I (ITEC 340) the summer before your junior year at RU.
- After transferring you must take the following courses:  
For additional course details/information follow the [link](#)

Summer	BS with Database Concentration				Master of Science	
	Fall	Spring	Fall	Spring	Fall	Spring
ITEC 340	ITEC 225	ITEC 320	ITEC 370	ITEC 325	ITEC 641	ITEC 643
	ITEC 324	ITEC 345	ITEC 350	ITEC 443	ITEC 660	ITEC 647
	STAT 200	ITEC 322	Tech Elec	Tech Elec	ITEC 695	ITEC 695
	ITEC 540	ITEC 542	ITEC 645	ITEC 685		
			ITEC 490			
	12	12	13	12	49	9
	Students must complete the following classes					
	Calculus I	MTH 263 (VCCS) or MATH 171(RU)				
	Database I	ITEC 340 (RU)				

CREDITS PRE-TRANSFER: 60-62

CREDITS POST-TRANSFER: 58-60

\* A = Completion of the Associate Degree satisfies this General Education Requirement. U = This course satisfies a Uniform Certificate of General Studies requirement. P = This course satisfies a passport requirement.

# TRANSFER GUIDANCE

## Guaranteed Admission Agreement

By meeting the following criteria, students who complete the prescribed curriculum and meet the criteria below are guaranteed admission into Radford University.

- Earn a transferable associate degree
- Earn a minimum of 2.8 cumulative GPA
- Good standing at the current institution

Please visit the [TransferVirginia.org](http://TransferVirginia.org) portal to find course requirements for different majors and **Transfer Guides** that outline course requirements for specific majors. Students can complete their AS degree while working towards their bachelor's degree at Radford.

## IMPORTANT LINKS & DATES:

- **University Transfer Center:** <https://admissions.radford.edu>
- **Admission Application:** By March 1 for Priority Fall Admission process at <https://radford-info.org/transfer/> and send an email of intent/interest to [msde@radford.edu](mailto:msde@radford.edu) as soon as you begin to consider the accelerated MS program in Data Information Management (DAIM)/Data Engineering at RU so you can get registered for the Summer III, ITEC 340.
- **Financial Aid** opportunities during summer/fall are available at <https://www.radford.edu/fin-aid>
- **FAFSA - Free Application for Federal Student Aid:** Priority deadline of February 1 at <https://studentaid.gov/>

## WHAT SHOULD I CONSIDER WHEN SELECTING COURSES?

- Completing your English and first math courses in your first year is recommended.
- Create a schedule for all required courses, pay attention to prerequisites and when courses are offered. For help, see Transfer Steps and Resource Center [www.TransferVirginia.org](http://www.TransferVirginia.org)
- Connect with an advisor at your community college and an admissions counselor at Radford University within your first year. College Connect is available in your account at [www.TransferVirginia.org](http://www.TransferVirginia.org)

## WHICH MAJORS WILL BE AVAILABLE TO ME THROUGH THIS GAA?

- Admission to the university is guaranteed through this agreement and students are generally admitted into a pre-major during the transfer process. You will work with an assigned advisor to change into your degree granting path in any STEM major at the Artis College of Science and Technology at RU once requirements are met. You must send an email of intent/interest to [msde@radford.edu](mailto:msde@radford.edu) as soon as you begin to consider the accelerated MS program in Data Information Management (DAIM)/Data Engineering at RU.

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

- **Associate Transfer Degree Completion:** Students can major in any STEM field at a community college. The completion of the transfer-oriented degree program will satisfy the REAL Curriculum (lower division/general education) requirements. Students will need to complete all other University, college, and departmental requirements in order to obtain the Baccalaureate degree and Master's degree from RU.
- **Dual Enrollment – Completion of Associate Degree in HS:** Students completing the associate degree in high school should apply using the freshman application. If admitted, the student will receive the benefits associated with the transferable associate degree (as noted prior).

- **Credit for Prior Learning:** AP, IB, CLEP and other accelerated credit programs will be evaluated for credits (based on receipt and evaluation of official scores).

**Catalog Year:** Students will be subject to the catalog in effect at the time of enrollment at RU unless otherwise requested.

## IS THIS COLLEGE RIGHT FOR ME?

- Located in the city of Radford, Radford University's campus community is well-known for strong faculty/student bonds, vibrant student life and a commitment to student support.
  - Situated in the stunning landscape of southwest Virginia, there are plenty of nearby opportunities to explore the outdoors.
  - With 70+ bachelor's degree programs across a variety of disciplines, the classes at Radford are hands-on in state-of-the-art facilities and designed to help you prepare for your chosen career path.
  - Transfer students have the option of choosing to live on-campus or off-campus within the local area.
  - Over 80% of students receive some form of financial aid.
  - 16 Division 1 teams and 300+ student organizations.
- Learn more about our university at [www.TransferVirginia.org](http://www.TransferVirginia.org)

## WHAT RESOURCES ARE AVAILABLE TO HELP ME SELECT A MAJOR?

- Radford University's career coaches in Career and Talent Development can help you discover what career paths may best fit your unique talents and skills.
- Academic advisors in our Highlander Success Center can help you understand our majors, minors and concentrations.
- Learn more about career pathways at [www.TransferVirginia.org](http://www.TransferVirginia.org)

## DID YOU KNOW THAT...

- Completing your Associate transfer degree 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 have limited your future financial aid at Radford University.

## WHAT ARE MY CHANCES FOR GETTING ACCEPTED?

- Of students who apply, usually about 65% of transfer applicants are accepted to Radford University and about 80% of the entering transfer class comes from the Virginia Community College System.

Learn more about applying at [www.TransferVirginia.org](http://www.TransferVirginia.org)