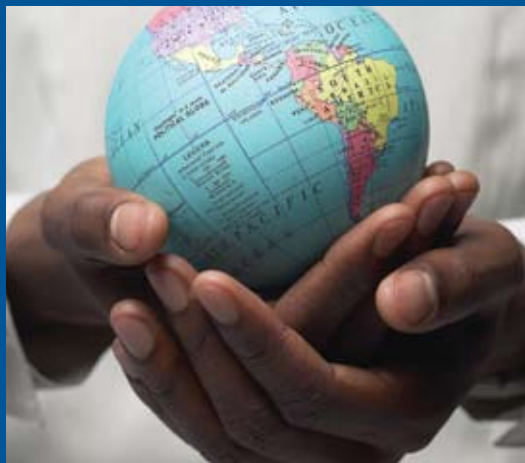


**BACHELOR OF SCIENCE IN**  
**Information Technology**  
**FROM RADFORD UNIVERSITY**

***A Transfer Guide***



Put your mind to it.  
*Realize your potential.*

Students completing the IT program will receive a Bachelor of Science degree in Computer Science and Technology with concentrations in both Database and Software Engineering. The Database concentration educates students in all aspects of data management from database design to database administration to data warehousing and analysis. The Software Engineering concentration produces designers for large, complex software systems. Emphasis is on design attributes that make it possible to efficiently implement, extend, and maintain large systems.

**REALIZE** New  
**College**  
INSTITUTE

[www.NewCollegeInstitute.org](http://www.NewCollegeInstitute.org)

<http://admissions.asp.radford.edu/forms/transferguide.pdf>

# Bachelor of Science in Information Technology from Radford University A Transfer Guide

Radford University's prospective students should refer to RU's Transfer Guide for complete transfer requirements (see website at bottom of page).

## I. Students must complete any 1 of 3 paths of coursework in the first 2 years.

**Path A** Complete an Associates of Applied Science in Information Systems Technology (IST) from one of the institutions having an articulation agreement with RU (including both Patrick Henry and Danville Community Colleges). Students taking this route must either take ITP 120 - Introduction to Java Programming or have Java background equivalent to this course.

In addition, students entering the program via an Associate of Applied Science degree will need to either complete RU's general education requirement by taking the associated courses through their local community college OR complete either an Associate of Science, Associate of Arts, or Associate of Arts and Science through their local community college. More information on RU's general education requirements and the associate courses may be found at the website below.

**Path B** Complete an Associate of Science, Associate of Arts, or Associate of Arts and Science degree from any Virginia Community College in any subject including General Studies. Students taking this route must either take ITP 120 - Introduction to Java Programming or have Java background equivalent to this course.

**Path C** Complete an Associate of Science in Computer Science from any Virginia Community College.

## II. Courses that must be taken through RU/NCI to complete the Baccalaureate Degree in Information Technology.

RU COURSES AT NCI	COURSE	CREDIT HOURS
All Students	ITEC 122 Discrete Mathematics	3
	ITEC 220 Principles of Computer Science II	4
	ITEC 224 Principles of Computer Science III	3
	ITEC 320 Procedural Analysis and Design	3
	ITEC 325 Web Development II	3
	ITEC 340 Database I	3
	ITEC 370 Software Engineering I	3
	ITEC 380 Organization of Programming Languages	3
	ITEC 441 Database II	3
	ITEC 442 Database III	3
	ITEC 471 Software Engineering II	3
	ITEC 472 Software Engineering III	3
	ITEC 490 Senior Seminar	1
	<b>Total</b>	

All students will need a minimum of 120 total credit hours including Associate degree hours to graduate.

## III. Special requirements

All students will need to take the following courses from their community college either as part of their program of study for the Associate's degree or in addition to that program of study.

VCCS	COURSE	CREDIT HOURS
	Calculus and Analytical Geometry MATH 175 or MATH 271	3
	Public Speaking SPD 100	3