
Graduates from the Computer Information Systems Technology degree apply Information Technology (IT) to sustain the performance of a broad range of occupations and daily life situations by operating, configuring, and maintaining software and hardware in computing systems. Areas of application include data center operation, networking and data communications setup, database management systems maintenance, web support, and digital media assistance. Employment opportunities are extensive in the field of IT and include positions such as analyst, specialist, or operation in data centers, networking, database management systems, and IT support services.

A – GENERAL EDUCATION CORE – 42 HOURS

Students must fulfill the General Education Core requirements. The courses listed below satisfy both degree requirements and General Education core requirements.

Required

020 - Mathematics – 3 hours

MATH 2413 Calculus I (or MATH 2487 Honors) three-hour lecture

090 - Integrative and Experiential Learning – 3 hours

CSCI 1380 Computer Science I

B – AAS DEGREE IN COMPUTER RELATED FIELD – 32 HOURS

Minimum GPA of 2.5 required. AAS Degree must have at least 30 SCH of computer-related coursework. See admissions requirements for additional information.

Degree Major: _____

Date: _____

Institution: _____

C – COMPUTER INFORMATION SYSTEMS TECHNOLOGY CORE – 19 HOURS (15 advanced)

CSCI 2380 Computer Science II

CSCI 3310 Mathematical Foundations of Computer Science

CSCI 3326 Object Oriented Programming in JAVA

CSCI 3340 Software Engineering I

CSCI 4390 Senior Project

MATH 2413 Calculus I (or MATH 2487 Honors) one-hour lecture

STAT 3301 Applied Statistics for Science, Engineering, and Medical Science

D – COMPUTER SCIENCE ELECTIVES – 27 HOURS (27 advanced)

Choose 27 advanced hours of Computer Science courses.

TOTAL CREDIT HOURS FOR GRADUATION – 120 HOURS

TOTAL ADVANCED HOURS – 42 HOURS

ADMISSION, PROGRESSION, AND GRADUATION REQUIREMENTS, if applicable:

Admission requirements

1. AAS Degree requires a minimum GPA of 2.5, with at least 30 SCH of computer related coursework. Students may document this computer related course work with an official transcript.

Graduation requirements

1. A grade of 'C' or better in MATH 2413 (or MATH 2487 Honors) is required for graduation.
2. In addition to the graduation requirements listed in the UTRGV 2017-2019 Undergraduate Catalog, demonstration of proficiency in a language other than English is required at the undergraduate level equivalent to a minimum of six credit hours. Proficiency can be demonstrated by a college credit exam, a placement test approved through the UTRGV Department of Writing and Language Studies, and/or up to six credit hours of college-level language coursework.