

INFORMATION SYSTEMS

Associate of Science degree



Program and Career Description:

The Information Systems emphasis is a two-year program for students planning to complete a bachelor's degree in Information Systems. Students pursuing careers in systems analysis, database administration, network administration, programming, and Web design should consider this degree. Below are a few examples of career and salary estimates.

Career	Entry-Level Education	Entry-Level Pay	Median Pay	Experienced Pay
Database Administrator	Bachelor's degree	\$51,830	\$81,470	\$100,520
Web Developer	Bachelor's degree	\$36,510	\$55,800	\$71,230
Network and Computer Systems Administrators	Bachelor's degree	\$49,500	\$74,300	\$93,570

Career and salary information taken from JOBS4TN.GOV. Check out this website for additional information about job descriptions, education requirements and abilities, and supply and demand for these careers. For additional information from a national perspective, go to Bureau of Labor Statistics, U. S. Department of Labor on the internet at www.bls.gov. Visit the [Occupational Outlook Handbook](#) on this website. Salaries are not guaranteed.

Transfer Options

This program is a Tennessee Transfer Pathway (TTP) major. A student who completes the associates degree in this major is guaranteed that all required community college courses will be accepted in this major at the transfer institution. To see which four-year institutions offer this TTP major and guarantees a seamless transfer, visit the Tennessee Transfer Pathway website at www.tntransferpathway.org.

Articulation agreements exist between other private and non-TN public institutions. These agreements are available at www.columbiastate.edu/admissions/transfer-information.



INFORMATION SYSTEMS

Major in Tennessee Transfer Pathway with Emphasis in Information Systems (A.S.)

Program Requirements

Students may be required to take additional Learning Support courses.

Communications Requirement

COMM 2025 or COMM 2055

ENGL 1010, 1020

History Requirement (Take 2 courses)

HIST 2010, 2020, 2030, 2310, 2320

Humanities/Fine Arts (Take 3 courses -- one must be a literature course)

ART 1035, 2000, 2020

ENGL 2160, 2860

HUM 1010, 1020

MUS 1030

PHIL 1030, 1040, 2200

THEA 1030

Literature Options: ENGL 2055, 2130, 2235, 2310, 2320

Natural Sciences Requirement (Take 2 courses)

ASTR 1030

BIOL 1080 (must not be paired with another BIOL)

BIOL 1110, 1120, 2010, 2020

CHEM 1110, 1120

ESCI 1010, 1020

PHYS 2010, 2020, 2110, 2120

PSCI 1030

Mathematics Requirement

MATH 1530**

Social/Behavioral Sciences

ECON 2100, 2200

Major Required Courses

ACCT 1010, 1020

COLS 101

INFS 1010*

MATH 1630, 1830

Electives***

*Students who plan to transfer to Austin Peay State University, East Tennessee State University, and the University of Tennessee at Chattanooga must complete CISP 1010 and 1020**** instead of INFS 1010 and electives. For these students, the total hours in the Major required courses will be 20 hours and total degree hours will be 61.

**Students who plan to transfer to the University of Tennessee must complete MATH 2050, Calculus-based Probability and Statistics.

***Note: An elective can be any college-level course.

If you have completed TN eCampus courses, run a degree audit from the student tab in myChargerNet to determine how these courses apply to this program.

Requirements for Graduation include:

- earning 25% of total program credits in residence at Columbia State.
- earn a cumulative GPA of 2.0 or higher.
- taking the Exit Exam.

2018-2019 Catalog Draft

Sample Academic Plan

First Year – Fall Semester

___ ENGL 1010	English Composition I	3
___ Natural Sciences Requirement		4
___ INFS 1010*	Computer Applications	3
___ ACCT 1010	Principles of Accounting I	3
___ MATH 1530	Introductory Statistics	3
___ COLS 101	Columbia State College Success	1
		17

First Year – Spring Semester

___ ENGL 1020	English Composition II	3
___ Natural Sciences Requirement		4
___ History Requirement		3
___ ACCT 1020	Principles of Accounting II	3
___ Elective ***	(MATH 1130 if required)	3
		16

Second Year – Fall Semester

___ Literature Requirement		3
___ MATH 1630	Finite Math	3
___ History Requirement		3
___ Humanities/Fine Arts		3
___ ECON 2100	Principles of Macroeconomics	3
		15

Second Year – Spring Semester

___ MATH 1830	Applied Calculus	3
___ Humanities/Fine Arts		3
___ COMM 2025	Fundamentals of Communication or	
___ COMM 2055	Argumentation and Debate	3
___ ECON 2200	Principles of Microeconomics	3
		12

TOTAL CREDIT HOURS 60

At some universities, foreign language may be required in certain programs that lead to the Bachelor of Science Degree. Complete information regarding foreign language requirements at each university may be found on the transfer and articulation web sites of the Tennessee Board of Regents and the University of Tennessee System. Community college students are encouraged to be familiar with foreign language requirements at the universities and, if applicable, complete the requirements before transferring.

For more information contact:

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