

# 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	Salary Median
Database Administrator	\$72,230
Web Developer	\$52,920
Network and Computer Systems Administrator	\$66,270

Career and salary information taken from [www.bls.gov](http://www.bls.gov). Check out this web site for additional information about education requirements and preferred work styles and abilities for these careers. Salaries are not guaranteed.

### Transfer Options

Per the *Complete College Tennessee Act of 2010*, this degree will be transferable to any of the following universities offering a Baccalaureate degree in this major:

- Austin Peay State University
- East Tennessee State University
- Middle Tennessee State University
- Tennessee State University
- Tennessee Tech University
- University of Memphis
- University of Tennessee, Chattanooga
- University of Tennessee, Knoxville
- University of Tennessee, Martin

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

ENGL 1010, 1020  
SPCH 1010 or SPCH 1030

#### History Requirement (Take 2 courses)

HIST 1110, 1120, 2010, 2020, 2030

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

ART 1030  
ARTH 2010, 2020  
ENGL 2015  
HUM 1130, 1131  
MUS 1030  
PHIL 1030, 2030, 2033  
THEA 1030  
Literature Options: ENGL 2130, 2230, 2310, 2320, 2920

#### Natural Sciences Requirement (Take 2 courses)

ASTR 1030  
BIOL 1030 (must not be paired with another BIOL)  
BIOL 1110, 1120, 2010, 2020  
CHEM 1110, 1120  
GEOG 1010, 1020  
PHYS 2010, 2020, 2110, 2120  
PSCI 1030

#### Mathematics Requirement

MATH 1530\*\*

#### Social/Behavioral Sciences

ECON 2010, 2020

#### Major Required Courses

ACCT 1010, 1020  
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.
- cumulative GPA must be 2.0.
- taking the Exit Exam.

### 2016-2017 Catalog

### Sample Academic Plan

#### First Year – Fall Semester

___ ENGL 1010	Composition I	3
___ Natural Sciences Requirement		4
___ INFS 1010	Computer Applications	3
___ ACCT 1010	Principles of Accounting I	3
___ MATH 1530	Elementary Statistics	3
___ COLS 101	Columbia State College Success	1
		<b>17</b>

#### First Year – Spring Semester

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

#### Second Year – Fall Semester

___ Literature Requirement		3
___ MATH 1630	Finite Math	3
___ History Requirement		3
___ Humanities/Fine Arts		3
___ ECON 2010	Macroeconomics	3
		<b>15</b>

#### Second Year – Spring Semester

___ MATH 1830	Applied Calculus	3
___ Humanities/Fine Arts		3
___ SPCH 1010	Fundamentals of Speech Communication <b>or</b>	
___ SPCH 1030	Argumentation and Debate	3
___ ECON 2020	Microeconomics	3
		<b>12</b>

**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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