



LAST REVISED: April 17, 2026

There are different computing disciplines: Computer Science emphasizes mathematical concepts related to designing new technology. Information Systems focuses on application of the information aspects of information technology, whereas Information Technology emphasizes the application of the technology itself more than the information it conveys.

Information Systems involves the application of computing principles to processes in business or other domain areas, bridging the technical and management fields. It focuses on the design, implementation and testing of information systems as applied to business processes such as payroll, human resources, corporate databases, data warehousing and mining, ecommerce, finance, customer relations management, transaction processing, and data-driven decision-making and executive support. Information systems professionals are able to analyze information requirements and processes in business or other domain areas and to design systems that are aligned with organizational goals. Information System programs typically contain "information systems" as part of the name under a variety of labels that reflect the nature of the program.

For Information Systems majors located within a College of Business, it may be preferable to follow the [Ohio Guaranteed Transfer Pathway in Business](#). Please check with your receiving institution to determine the best program of study.

GENERAL EDUCATION REQUIREMENTS/OHIO TRANSFER 36		COURSE NUMBER	CREDIT HOURS
<b>ENGLISH COMPOSITION AND ORAL COMMUNICATION</b>			<b>3</b>
Course 1:	Any Ohio Transfer 36 approved First Writing (TME001) course	ENG 1010/101H	3
<b>MATHEMATICS, STATISTICS, AND LOGIC</b>			<b>3-4</b>
Course 1:	Introductory Statistics (TMM010) or Business Statistics (OBU013) for business domain area	MATH 1410 or MATH 1490	3-4
<b>ARTS AND HUMANITIES</b>			<b>6</b>
+ Course 1:	Any Ohio Transfer 36 approved Arts and Humanities course	AH Elective (see page 4 for list)	3
+ Course 2:	Any Ohio Transfer 36 approved Arts and Humanities course	AH Elective (see page 4 for list)	3
<b>SOCIAL AND BEHAVIORAL SCIENCES</b>			<b>6</b>
+ Course 1:	Any Ohio Transfer 36 approved Social and Behavioral Sciences course or Microeconomics (OSS004) for business domain area	ECON 2000	3
+ Course 2:	Any Ohio Transfer 36 approved Social and Behavioral Sciences course (except economics if taken above)	SBS Elective (see page 5 for list)	3
<b>NATURAL SCIENCES</b>			<b>6-8</b>
Course 1:	Any Ohio Transfer 36 approved Natural Sciences course with lab	NS Elective (see page 6 for list)	3-5
Course 2:	Any Ohio Transfer 36 approved Natural Sciences course	NS Elective (see page 6 for list)	3
<b>ADDITIONAL CREDITS</b>			<b>12</b>
Course 1:	Public Speaking (OCM013), Oral Communication, or Second Writing (TME002)	COMM 1010/101H	3
Course 2:	Any Ohio Transfer 36 approved elective or Macroeconomics (OSS005) for business domain area	ECON 2010	3
Course 3:	Any Ohio Transfer 36 approved elective	ENGL 1020/102H	3
Course 4:	Any Ohio Transfer 36 approved elective	Elective (see pages 4-6 for list)	3
<b>GENERAL EDUCATION/OHIO TRANSFER 36 TOTAL:<sup>1</sup></b>			<b>36-39</b>

Advising Notes:

Where it indicates "Any Ohio Transfer 36 approved," students should work closely with their advisors.

(+) indicates that the courses chosen should be from two different areas within that category.

<sup>1</sup> Beginning in academic year 2029-2030, all bachelor-degree granting programs will require the successful completion of an American Civic Literacy course as a graduation requirement. Please work closely with your academic advisor to choose an approved course. See here for the list of approved [American Civic Literacy courses](#).



PRE-MAJOR/BEGINNING MAJOR		COURSE NUMBER	CREDIT HOURS
Course 1:	Introduction to Programming (OIT001)	IT 1050/IT 1051	3
Course 2:	Introduction to Database Administration/Management (OIS001)	IT 2351/ IT 2352 (To be submitted) <sup>1</sup>	3
Course 3:	Systems Analysis and Design (OIS002)	IT 2700	3
Course 4:	Information Technology/Information Systems Project Management (OIS003)	BADM 1070	3
<b>PRE-MAJOR/BEGINNING MAJOR TOTAL:</b>			<b>12</b>
Advising Notes: <sup>1</sup> "To be submitted" indicates that this course does not yet carry that the statewide course equivalency guarantee. However, the institution is working towards this goal. Please consult with your institution's point of contact listed below for guidance on enrollment in this course.			

OTHER RECOMMENDATIONS		COURSE NUMBER	CREDIT HOURS
Courses:	Electives (For business domain area, recommended electives include Business Calculus (TMM013) or Calculus (TMM005), Introduction to Financial Accounting (OBU010), Introduction to Managerial Accounting (OBU011), Principles of Marketing (OBU006), Management and Organizational Behavior (OBU012)) <sup>1</sup>	IT 1025/IT 1026	3
		BADM 1020	3
		Two courses from: MATH 1480, or MATH 1610/161H, ACCT 1311, ACCT 1341, MARK 2010, BADM 1122	6-8
<b>OTHER RECOMMENDATIONS TOTAL:</b>			<b>12-14</b>
Advising Notes: <sup>1</sup> Additional recommended pre-major/major coursework is institution specific. Requirements vary by institution. Consult with your academic advisor and your receiving institution to determine an appropriate program of study.			

ASSOCIATE DEGREE	Total Credit Hours
ASSOCIATE DEGREE TOTAL:	60-65

SPECIAL NOTES
Some bachelor-degree granting programs may be competitive and admission into the program is not guaranteed. Students should check with individual institutions for their program admission requirements.
Some bachelor-degree granting institutions require additional general education courses outside of the Ohio Transfer 36 and students may be required to take these courses in their junior or senior year. Students will still be able to follow this pathway and complete their bachelor's degree in approximately 60 additional credit hours.
For more information, please contact: Charles Dull <a href="mailto:charles.dull@tri-c.edu">charles.dull@tri-c.edu</a> 216-987-4677 <a href="https://www.tri-c.edu/it">https://www.tri-c.edu/it</a>



SAMPLE DEGREE MAP

FIRST YEAR

Table with 4 columns: SEMESTER 1 COURSE NAME & NUMBER, SEMESTER 1 CREDIT HOURS, SEMESTER 2 COURSE NAME & NUMBER, SEMESTER 2 CREDIT HOURS. Includes courses like ENG 1010/101H, MATH 1410, IT 1025, and BADM 1020.

SECOND YEAR

Table with 4 columns: SEMESTER 3 COURSE NAME & NUMBER, SEMESTER 3 CREDIT HOURS, SEMESTER 4 COURSE NAME & NUMBER, SEMESTER 4 CREDIT HOURS. Includes courses like ECON 2000, IT 2351, COMM 1010/101H, and BADM 1070.



OHIO TRANSFER 36 ELECTIVES

Please work closely with your advisor when selecting courses.

Table with 3 columns: ARTS AND HUMANITIES, Course Number, Credit Hours. Lists 36 courses including Art Appreciation, Survey of Non-Western Art, Art History Survey, Dance Appreciation, Women Writers, American Literature I/II, British Literature I/II, Introduction to Literature (Poetry, Fiction, Drama, Science Fiction), African-American Literature I/II, Literature for Children & Adolescents, World Literature, Shakespeare, Exploration of World Mythology, Rhetorics of Gaming, Islam to the Modern Middle East, African American History to 1877, African American History 1877-Present, Hitler and the Holocaust, and Women in American History.

Table with 3 columns: ARTS AND HUMANITIES, CONTINUED, Course Number, Credit Hours. Lists 27 courses including Introduction to Humanities, The Individual Society, Community Engagement Through the Humanities, Culture and Belief, Film Appreciation, Survey of European Classical Music, Survey of Jazz, Survey of Rock and Roll, Survey of African-American Music, Survey of World Music, Jazz History, Critical Thinking, Introduction to Philosophy, Ethics, Bioethics, Business Ethics, Honors Social Justice, Introduction to Religious Studies, Comparative World Religions, Religious Traditions of Western Christianity, African-American Religious Experience, Theatre Appreciation, History of Theatre and Drama I, and History of Theatre and Drama II.



OHIO TRANSFER 36 ELECTIVES

Please work closely with your advisor when selecting courses.

Table with 3 columns: Course Name, Course Number, Credit Hours. Lists various social and behavioral science courses such as Cultural Anthropology, Survey of Economics, and History of Civilization I.

Table with 3 columns: Course Name, Course Number, Credit Hours. Continues the list of social and behavioral science courses, including Life Span Development, Social Psychology, and Introductory Sociology.



OHIO TRANSFER 36 ELECTIVES

Please work closely with your advisor when selecting courses.

Table with 3 columns: Course Name, Course Number, Credit Hours. Lists various natural sciences and chemistry courses such as Human Evolution, The Cell and DNA, and General Chemistry I.

Table with 3 columns: Course Name, Course Number, Credit Hours. Lists continued natural sciences courses such as Earth, Earth Laboratory, and Astronomy. Includes an advising note at the bottom.