



Transfer Guide

University of Missouri

Bachelor of Science in Information Technology



This transfer guide is intended to help you prepare for your transfer from East Central College's Associate of Applied Science degree in Computer Information Systems (AAS-CIS) with emphasis in Database Administration and Security to the Bachelor of Science in Information Technology (BSIT) degree at MU. This plan is not a substitute for academic advising. Before following this guide, we encourage you to contact an MU academic advisor for further information about degree requirements, course selection, and graduation requirements. Additional program requirements may be needed.

Contact Information

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Transfer Admission Requirements

Admission to Mizzou BSIT Program:

- Transfer students who meet MU's freshman admission requirements must have a 2.5 transfer GPA in college-level courses to be admitted.
- Transfer students who do not meet MU's freshman admission requirements must have:
 - A minimum of 24 transferable college-level credits;
 - A 2.5 GPA in transferable college-level courses; and
 - Either College Algebra with a C- or better or the equivalent to MU's English 1000 with a C- or better.
- Transfer students with an associate of arts (AA) degree from a regionally accredited Missouri community college are admissible with a 2.0 transfer GPA and are considered to have met the general transfer admission requirements.

Information Technology

Graduates of ECC with an AAS-CIS program with an articulation agreement that have succeeded in meeting the GPA requirements listed in admissions will enter MU-BSIT with junior standing. Additional requirements for graduation will include BSIT-specific coursework and finishing all general education requirements needed for graduation from MU undergraduate programs.

Other Resources

Check the following web sites for current course descriptions, prerequisites, course equivalencies and other specific details about the degree:

- 1) College Catalog (<http://catalog.missouri.edu>)
- 2) Transfer Admission (<http://transfer.missouri.edu>)
- 3) Transfer Equivalencies (<http://transfercourses.missouri.edu> or <https://www.transferology.com/school/missouri>)
- 4) General Education (<http://generaleducation.missouri.edu>)
- 5) College of Engineering (<http://www.engineering.missouri.edu>)

Associates Degrees

Associate of Applied Science (AAS): This degree meets some general education requirements but not all. Additional general education requirements can be taken before or after transfer; however, this guide applies to the MU-BSVT program exclusively.

MOTR Courses

Courses designated with a Missouri Transfer (MOTR) course number, guarantees the one-to-one transfer of these credits.

How to use this Guide

Listed below are the courses required for East Central College AAS-CIS and MU-BSIT degrees. On the left side are the MU course name and number, on the right side are your current institution course name and number.

Courses that directly transfer will be listed. Use the General Education <http://generaleducation.missouri.edu> page to complete other categories of this guide. Work with your academic advisor to select courses that meet your major and your current institution requirements.

University of Missouri		East Central College	
COURSE	CREDITS	COURSE	CREDITS
English Exposition and Argumentation (3 credits)			
Must be completed with a C- or better. The requirement can be fulfilled at University of Missouri or East Central College.			
ENGLISH 1000 Writing and Rhetoric	3		
Math and Mathematical Sciences (12 credits)			
Must be completed with a C- or better. Must be completed at MU.			
MATH 1100 College Algebra	3	MATH 170 CORE 42 College Algebra	3
MATH 1300 Finite Math	3		
MATH 1400 Calculus for Social and Life Sciences	3		
STAT 2500	3		
Writing Intensive (6 credits)			
Must be completed with a C- or better. The second requirement will be fulfilled at University of Missouri.			
ENGLISH 1010W MOTR Equivalent to Comp 1 Writing Proficient	3	ENG 101 English Composition OR ENG 114 Honors English Composition	3
IT 4970W Capstone (BSIT Core and Writing Intensive)	3		
Biological and Physical Sciences (10 credits)*			
Courses from each category and one course must include a lab.			
BIO_SC BIOL w/ Lab OR BIO_SC 1030 Gen Principles & Concepts Biology w/Lab	4 or 5	BIO 110 General Ecology OR BIO 111 Gen Biology Lec & Lab	4 or 5
Social & Behavioral Sciences (9 credits)*			
Courses from at least two different departments. The requirement can be fulfilled at University of Missouri or East Central College.			
POL SC 1100 American Government OR POL SC 2100 State Government	3	PS 1203 US Govt I: Natl & State OR PS 1303 US State & Local Govt (CIVICS ACHIEVEMENT EXAM O)	3
Humanities/Fine Arts (9 credits)*			
Courses from at least three different areas. The requirement can be fulfilled at University of Missouri or East Central College.			
COMM 1200	3	COM 110 Public Speaking	3
PHIL 1000 Big Questions OR PHIL 1200 How to Think	3	PHL 101 Introduction to Philosophy OR PHL 111 Introduction to Logic	3
AAS-CIS Credits (38 credits)			
Courses from an AAS-CIS program with established articulation agreement. Bolded ECC courses are required for emphasis area.			
IT Gen Ed or Minor Class	1	COL 101 Falcon Seminar*	1

COURSE	CREDITS	COURSE	CREDITS
IT Gen Ed or Minor Class	3	CIS 110 Technical and Digital Literacy*	3
IT Gen Ed or Minor Class	3	CIS 121 Foundations of Management Information Systems*	3
IT Technical Elective	3	CIS 193 Operating System (Microsoft)*	3
IT Gen Ed or Minor Class	3	CIS Program Elective	3
IT Gen Ed or Minor Class	3	CIS 203 Database Structures*	3
IT Gen Ed or Minor Class	3	CIS 215 Advance SQL*	3
IT 2810 (equivalent of 2810A & 2810B) plus IT Gen Ed or Minor Class	6	CIS 151 Network I & CIS 152 Network II	6
IT 2910 (equivalent of IT 2910A & IT 2910B) plus IT Gen Ed or Minor Class	6	CIS 123 Intro to Security & CIS 223 Security I	
IT Gen Ed or Minor Class	3	CIS 183 Project Management*	3
IT Gen Ed or Minor Class	1	CIS 290 Program Capstone-Computer Information*	1
IT Gen Ed or Minor Class	3	CIS 205 Intro to SQL*	3

BSIT Core Requirements (30 credits)

IT 1000 Introduction to Information Technology-waived if transferring 60+ hours	3		
CMP_SC 1050	3	CIS 124 Programming & Logic	3
IT 2040 Programming I	3		
IT 2830 Web Application Development I	3		
IT 3380 Database Appl and Info Systems	3		
IT 3530 Unix Operating System	3		
IT 1610 Intro to Entertainment Media	3		
IT 3650 Project Management	3		
IT 4320 Software Engineering I	3		
IT 4970W Capstone (also counts as WI 3000+)	3		

BSIT Technical Electives (30 credits)

Technical Elective Any Level	3
Technical Elective Any Level	3
Technical Elective Any Level	3
Technical Elective Any Level	3
Technical Elective 3000+ would have to be 4401 Python 1 if transferring CS 1050	3
Technical Elective 3000+	3
Technical Elective 3000+	3
Technical Elective 3000+	3
Technical Elective 3000+	3
Technical Elective 3000+	3

Minimum Credits for a Bachelor of Science in Information Technology 126

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