



Major Map: Bachelor of Information Technology

Catalog Year: 2009-2010

The following is a sample course of study. It is the Student's responsibility to ensure that all program requirements are met. This guide is not a substitute for academic advisement.

Your path to graduation may vary slightly based on factors such as college credit you earned while in high school, transfer work from other institutions of higher learning and placement in Mathematics. You are responsible for checking prerequisites to any courses.

Course Subject and Title	Hrs.	Upper Division	Transfer Course	Minimum Grade if Required	Date Completed	Final Grade	Pre-requisites met	Additional Critical Tracking Notes
Fall Semester Year 1: 16 ___ hours								
CS101 Problem Solving and Programming I	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
CS191 Discrete Structures I	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
ENGL 110 Introduction to Academic Prose	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
COMST 110 Fundamentals of Effective Speaking	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
MATH 210 Calculus I	4	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
Spring Semester Year 1: 15 ___ hours								
CS 201 Problem Solving and Programming II	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
ACCT 210 Principles of Accounting	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
Constitution Requirement	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
CS291 Discrete Structures II	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
IT 222 Multimedia Production & Concepts	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
Summer Semester Year 1								
May use summer semester to lighten fall and winter course loads.								
Fall Semester Year 2: 16 ___ hours								
CS 281 Intro to Computer Architecture	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
ACCT 211 Managerial Accounting	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
STAT 235 Statistics	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
Life Science Elective	4	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
Social Science Elective	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
Spring Semester Year 2: 15 ___ hours								
CS 352 Data Structures and Algorithms	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	Complete WEPT
PHIL 222 Foundations of Logic and Scientific Methods	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
General Elective	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
ENGL 225 Intermediate Academic Prose	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
General Elective	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
Summer Semester Year 2: ___ hours								
		<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
Fall Semester Year: 15 ___ hours								
CS 431 Introduction to Operating Systems	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
IT 350 Object Oriented Software Development	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
BMA 306 Legal Ethical & Regulatory Environment	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
CS 304WI	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
Humanities and Fine Arts Elective	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
Spring Semester Year 3: 15 ___ hours								
CS 441 Programming Language Design & Implementation	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	



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IT 321 Introduction to Computing Resources Admin	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
DSOM 326 Operations Management	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
Econ 202 Introduction to Economics II	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
General Elective	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
Summer Semester Year 3: ___ hours								
		<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
Fall Semester Year 4: 16__ hours								
CS 470 Introduction to Database Mgmt	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	Apply for graduation.
IT 491 Internship	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
IT Specialty Elective	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
Business Elective	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
Physical Science Elective	4	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
Spring Semester Year 4: 12__ hours								
IT Specialty Elective	3	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
CS 451 Software Architecture	3	<input type="checkbox"/>	<input type="checkbox"/>					
IT 491 Internship	3	<input type="checkbox"/>	<input type="checkbox"/>					
Business Elective	3	<input type="checkbox"/>	<input type="checkbox"/>					

Non-course requirements

Written English Proficiency Test (WEPT)

Met

The School reserves the right to make changes in courses, degree requirements and course schedules without notice.

Students are expected to maintain a quality of achievement significantly above minimum UMKC standards for degree work. Individual student progress will be monitored throughout the program. Satisfactory progress is required of all students for retention in the program. Students are expected to maintain academic standards, perform satisfactorily in courses, refrain from academic dishonesty, comply with the established University and teacher education timetables and requirements, and refrain from unethical or unprofessional behavior or behaviors that obstruct the training process or threaten the welfare of the student or others. Other circumstances involving student behavior will be addressed by the faculty on an individual basis.

Graduation Requirements Summary:

Total Hours (120 minimum)	Totals Hrs at UMKC (30 hours minimum)	Major GPA (2.0 Minimum)	UMKC GPA

All students completing an undergraduate education degree must meet the following conditions in order to graduate and be recommended for graduation or certification:

- [list of requirements as stated in the catalog pertaining to minimum GPA, capstone coursework, additional licensure exams, etc.]

Academic Advisor:

Faculty Advisor: