

BACHELOR OF SCIENCE in COMPUTER INFORMATION SCIENCE

Effective Fall 2009

Declared Fall 2009
(revised October 2009)

GENERAL EDUCATION REQUIREMENTS (48)

Hrs.	Course	Taken	Grade
ART/MUSIC/THEATRE/DANCE (6)			
3	_____	_____	_____
3	_____	_____	_____

MUSI101 is WE

ECONOMICS or POLITICAL SCIENCE (3)

3	ECON101	_____	_____
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Prerequisite: MATH100 or score of 9+ in Cat. 1 & 2

ENGLISH COMPOSITION (3)

3	_____	_____	_____
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ENGL100 is IL

LITERATURE (3)

3	_____	_____	_____
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NATURAL SCIENCES (6)

3	_____	_____	_____
3	_____	_____	_____

PHILOSOPHY (3)

3	_____	_____	_____
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PSYCHOLOGY (3)

3	_____	_____	_____
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SOCIOLOGY/ANTHRO/GEOGRAPHY (3)

3	_____	_____	_____
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SOCI101, ANTH101 & 102 are MC

SPEECH (3)

3	_____	_____	_____
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SPCH102 is IL, SPCH104 is WE

WELLNESS (3)

3	_____	_____	_____
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WORLD HISTORY (3)

3	_____	_____	_____
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HIST101 & 102 are MC

MATH (3)

3	MATH107	_____	_____
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Prerequisite: MATH100 or score of 9+ in Cat. 1 & 2

MATH COURSES MAY BE REQUIRED AS ELECTIVES

IF math placement score is BELOW 9 in:

- Cat. 1, MATH 009 is required as a 0 credit course
- Cat. 2, MATH100 is required as a gen ed elective
- Cat. 3, MATH112 is required as a gen ed elective
- Cat. 4, MATH113 is required as a gen ed elective

GENERAL EDUCATION ELECTIVES (6)

3	_____	_____	_____
3	_____	_____	_____

MAJOR REQUIREMENTS (72)

A GPA of 2.0 or higher is required for graduation, both overall and in the major.
COMP119 is recommended for first semester freshman year

MAJOR CORE (66)

RECOMMENDED COMPLETION BEFORE JUNIOR YEAR

		Hrs.	When	Taken	Grade
ACCT110	Financial Accounting	3	F&S	_____	_____
ACCT115	Management Accounting	3	F&S	_____	_____
CISC150	Introduction to Computers	3	F&S	_____	_____
CISC200	Fundamentals of Networking	3	S	_____	_____
CISC205	Web-Based Application Dev.	3	SO	_____	_____
COMP160	Programming I	3	S&F	_____	_____
COMP161	Programming II	3	S	_____	_____
COMP300	Data Structures	3	F	_____	_____
MATH180	Math for Management	3	S&F	_____	_____
	<i>Prerequisite: MATH107</i>				
MATH141	Calculus I	3	S&F	_____	_____
	<i>Prerequisite: MATH113 or placement score of 9+ in Categories 1-4</i>				

RECOMMENDED FOR JUNIORS & SENIORS

CISC220	Contemporary Issues in Computing <i>IL & WE</i>	3	F	_____	_____
CISC250	Advanced Microcomputer Appl.	3	F	_____	_____
CISC255	Database Design	3	S&F	_____	_____
CISC260	Information Tech. Project Mgmt.	3	SE	_____	_____
CISC304	Data and Comp. Communications	3	SO	_____	_____
CISC306	Systems Analysis and Design <i>WE & EE</i>	3	F	_____	_____
CISC330	Emerging Business Technologies	3	S	_____	_____
COMP302	Object-Oriented Prog. For Bus.	3	FO	_____	_____
COMP465	Database Management Systems	3	SE	_____	_____
ENGL345	Business Writing <i>WE</i>	3	S&F	_____	_____
MANG305	Operations/Production Mgmt.	3	S&F	_____	_____
MANG315	Mgmt: Concepts & Strategies	3	S&F	_____	_____

Major electives are listed on the back page 6 s.h. are required

OVERLAY REQUIREMENTS

3 courses:	WE (writing emphasis)	_____
2 courses:	IL (information literacy)	_____
2 courses:	MC (multicultural)	_____
2 Units (28 hours):	EE (external experience)	_____

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MAJOR ELECTIVES (6)

Select 6 s.h. from the following groups as directed.

Courses may not be counted for both the 6 required Gen Ed credits and for Major Elective credits

At least 3 s.h. from:

	<i>Hrs.</i>	<i>When</i>	<i>Taken</i>	<i>Grade</i>		<i>Hrs.</i>	<i>When</i>	<i>Taken</i>	<i>Grade</i>
COMP119 First Year Seminar*	3	F	_____	_____	COMP402 Analysis & Design of Alg.	3		_____	_____
CISC369 Internship	3		_____	_____	COMP405 Software Eng. (WE)	3	SO	_____	_____
COMP202 Systems Programming	3	FO	_____	_____	COMP410 Artificial Intelligence	3	FE	_____	_____
COMP215 Assembler Language	3	S	_____	_____	COMP415 Structure of Prog. Lang.	3	FE	_____	_____
COMP315 Network Programming	3	SE	_____	_____	COMP455 Operating Systems	3	FE	_____	_____
COMP400 Computer Architecture	3	SO	_____	_____	COMP460 Compiler Theory	3	FE	_____	_____
					COMP480 Special Topics	3		_____	_____

* To count as a major elective, COMP119 must be completed before receiving a grade of C or better in COMP160

At least 3 s.h. from:

ACCT300 Cost Accounting	3	F	_____	_____	MANG325 Financial Management	3	F	_____	_____
ACCT420 Auditing	3	S	_____	_____	MANG425 International Business	3	F	_____	_____
ECON340 Money and Banking	4	S	_____	_____	MRKT200 Intro. to Marketing	3	F&S	_____	_____
MANG320 Human Resource Mgmt.	4	F&S	_____	_____					