

Bachelor of Science Degree in Computer Information Systems

Option in Information Technology (108 units)

Catalog 2011-2014

Major Catalog Date: _____

Name _____ CIN _____
Last First MI

Street Address _____ City _____ ZIP Code _____ Quarter Admitted _____

Adviser's Signature _____ Date _____ Student's Signature _____ Date _____

LOWER DIVISION REQUIRED COURSES (32 Units)

			<i>Semester</i>	<i>Course</i>	<i>Units</i>	<i>Grade</i>
ACCT	210	Principles of Financial Accounting	4	ACCT 2100		
ACCT	211	Principles of Managerial Accounting preq: ACCT 210	4	ACCT 2110		
CIS	100	Business Computer Systems	4	CIS 1200		
CIS	283	Introduction to Application Programming with Java preq: CIS 100	4	CIS 2830		
ECON	201	Principles of Economics I: Microeconomics	4	ECON 2010		
ECON	202	Principles of Economics II: Macroeconomics preq: ECON 201	4	ECON 2020		
ECON	209	Applied Business & Economics Statistics I	4	ECON 2090		
FIN	205	Legal and Regulatory Environment of Business	4	FIN 2050		

UPPER DIVISION REQUIRED COURSES (56 Units)

			<i>Semester</i>	<i>Course</i>	<i>Units</i>	<i>Grade</i>
ACCT	310	Accounting Info for Decision Making preq: ACCT 211	4	ACCT 3100		
BUS	305	Business Communication preq:WPE	4	BUS 3050		
CIS	301	Management Information Systems preq: CIS 100	4	CIS 3010		
CIS	405	Database Design and Development	4	CIS 3050		
CIS	406	Systems Analysis and Design preq: CIS 405	4	CIS 3060		
CIS	410	Hardware and Software Architecture preq: CIS 283	4	CIS 4100		
CIS	484	Communications Systems preq: CIS 100	4	CIS 4840		
CIS	490	Capstone: Information Systems preq: Senior, WPE, BSCIS Core	4	CIS 4900		
ECON	309	Appl Bus & Econ Stats II preq: ECON 209, MATH 102	4	ECON 3060		
FIN	303	Business Finance preq: ACCT 210	4	FIN 3030		
MGMT	306	Operations Management preq: ECON 209	4	MGMT 3060		
MGMT	307	Management and Organizational Behavior	4	MGMT 3070		
MGMT	308	Business Responsibilities in Society	4	MGMT 3080		
MKT	304	Principles of Marketing	4	MKT 3100		

OPTION: Information Technology (20 Units): Select five courses

			<i>Units</i>	<i>Grade</i>

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Pre-approved Elective Courses:

			Semester Course		Units	Grade
CIS	320	Data Processing and Analytics preq: CIS 100	4	CIS 3200		
CIS	361	Web Design and Development preq: CIS 100	4	CIS 3610		
CIS	383	Multimedia and Game Application Programming preq: CIS 100	4	CIS 3830		
CIS	398	Cooperative Education in Information Systems	1-4	CIS 3980		
CIS	437	Security Risk Management and Internal Controls preq: CIS 301	4	CIS 4370		
CIS	438	Computer Forensics and Investigations preq: CIS 301	4	CIS 4380		
CIS	445	Network Application Development preq: CIS 405	4	CIS 4450		
CIS	451	Fundamentals of ERP Technology preq: CIS 301	4	CIS 4510		
CIS	454	Special Topics in Computer Information Systems preq: Varies	4	CIS 4540		
CIS	457	Advanced Java Programming preq: CIS 283	4	CIS 4570		
CIS	458	E-business Application Development with Oracle preq: CIS 405, 283	4	CIS 4580		
CIS	459	Advanced Information Systems Development preq: CIS 301	4	CIS 4590		
CIS	472	Wireless Communications and Networks preq: CIS 100	4	CIS 4720		
CIS	473	Network Security Essentials and Practice preq: CIS 100	4	CIS 4730		
CIS	476	Project Planning with Microsoft Project preq: CIS 100	4	CIS 4760		
CIS	485	Local Area Networks preq: CIS 484	4	CIS 4850		
CIS	486	Managing Information Systems Projects preq: CIS 301, MGMT 307	4	CIS 4860		
CIS	487	Decision Support Systems preq: CIS 100, FIN 303, MGMT 306	4	CIS 4870		
CIS	488	Information Security preq: CIS 301	4	CIS 4880		
CIS	498	Cooperative Education in Information Systems	1-4	CIS 4980		