

NAME _____ Date Entered _____ Advisor _____

COMPUTER INFORMATION SYSTEMS

REVISED 8/12

BUSINESS COURSES

BUSINESS CORE (31 Hours)

- _____ CIS 261 Advanced Microcomputer Applications (CIS 151)
- _____ ACCT 201 Accounting Principles I (CIS 151, MATH 111)
- _____ ACCT 202 Accounting Principles II (ACCT 201)
- _____ BCOM 231^a Business Communications (CIS 151, ENG 201, CMST 101)
- _____ BLAW 263 Legal Environment of Business
- _____ ECON 265^b Elementary Statistics (MATH 111)
- _____ FIN 305 Business Finance (See Page 3)
- _____ MNGT 305 Principles of Management(See Page 3)
- _____ MKTG 305 Principles of Marketing(See Page 3)
- _____ BCOM 401 Business Career Planning & Prof. Development (Sr)
- _____ MNGT 452 Policy Formulation & Implementation (See Page 3[D])

CIS CORE REQUIREMENTS (21 hours)

- _____ CIS 111 Introduction to Computer Information Systems
- _____ CIS 305 Management Information Systems
- _____ CIS 367 Data Communications
- _____ CIS 375 Systems Analysis and Design
- _____ CIS 377 Database Concepts
- _____ CIS 454 Managing Information Technology
- _____ CIS 477 Applied Software Development Project

CIS MAJOR TRACKS (choose one 12 hour track)

Enterprise Web Development

- _____ CIS 276 Introduction to Enterprise Web Development
- _____ CIS 376 Programming for Enterprise Web Development
- _____ CIS 476 Advanced Enterprise Web Development
- _____ One course from IS Management Track _____

Application Development

- _____ CS 258 Introduction to Object-Oriented Programming using C#
- _____ CS 358 Intermediate Object-Oriented Programming using C#
- _____ CS 458 Advanced Programming using C#
- _____ One course from IS Management Track _____

IS Management

- _____ CIS 335 Seminar in Information Systems
- _____ CIS 345 Information Systems Security & Risk Management
- _____ CIS 385 Enterprise Resource Planning
- _____ One course from Application Development Track _____

BUSINESS AND ECONOMICS ELECTIVES(To meet 124 hour minimum Graduation requirements.)

TOTAL HOURS MUST EQUAL 124 WITH MINIMUM OF AT LEAST 2.2 IN THE FIRST 62 HOURS OF COURSE WORK TO ENROLL IN UPPER DIVISION BUSINESS COURSES. BUSINESS COURSES AND OVERALL MUST BE 2.0.

UNIVERSITY CORE--50 Hours

A. COGNITIVE DEVELOPMENT (12 - 13 hours)

- A1. Composition/Speech (9 hours)
 - _____ ENG 101 Freshman Composition (3 hours)
 - _____ ENG 201 Rhet & Comp II: Argument (3 hours)
 - _____ CMST 101 Introduction to Public Speaking (3 hours)
- A2. Mathematics (3 - 4 hours)
 - _____ MATH 111 College Algebra (or MATH 115)

B. INDIVIDUAL DEVELOPMENT (8 hours)

- _____ B1. Ethics (3 hours)
- _____ B2. The Arts (3 hours)
- B3. Health/Fitness (2 hours)
 - _____ Phys Ed Activity (1 hour)
 - _____ Phys Ed Health (1 hour)

C. CULTURAL AND NATURAL AWARENESS (26 - 27 hours)

- _____ C1. History (3 hours)
- C2. Individual Development/Social Science(6 hours)
 - _____ ECON 208 Microeconomics (3 hours)
 - _____ ECON 209 Macroeconomics (3 hours)
- C3. Science (8 - 9 hours) (at least one with a lab)
 - _____ _____
 - _____ _____
 - _____ _____
- C4. Western Culture (6 hours)
 - _____ _____
 - _____ _____
- C5. Global Communities (3 hours)
 - _____ ECON 241 Global Economic Issues (3 hours)

D. Synthesis (3 hours)

MNGT 452 meets core requirement D as part of the 50 hour core.

Additional non-business courses to meet 62 hour non business minimum.

- _____ PSY 201 Introduction to Psychology (3 hours)
- _____ MATH 215 or 230 (3-4 hours)
- _____ _____ 4 Hours General Electives
- _____ _____
- _____ _____

A TYPICAL FOUR-YEAR PROGRAM IN COMPUTER INFORMATION SYSTEMS WOULD BE:

FRESHMAN YEAR

Fall Semester	Hours
Mathematics	3-4
English	3
CMST 101 Intro to Public Speaking	3
CIS 151 Comp. App in Business OR	
CIS 261 Adv. Microcomputer App.	3
History or Science Elective	<u>3</u>
	15-16

Spring Semester	Hours
Mathematics	3
Western Culture elective	3
Science Elective	3
CIS 111 Intro to CIS	3
PSY 201 Intro to Psychology	3
P. E. Activity	<u>1</u>
	16

SOPHOMORE YEAR

Fall Semester	Hours
ENG 201	3
ACCT 201 Acct Prin I	3
ECON 208 Microeconomics	3
BLAW 263 Legal Env of Bus	3
Course from CIS Track	3
P. E. Fitness	<u>1</u>
	16-15

Spring Semester	Hours
ACCT 202 Acct Prin II	3
ECON 209 Macroeconomics	3
BCOM 231 Bus. Communications	3
ECON 265 or MATH 241	3
Course from CIS Track	<u>3</u>
	15

JUNIOR YEAR

Fall Semester	Hours
ECON 241 Global Econ Issues	3
Course from CIS Track	3
CIS 305 Management Info Systems	3
MNGT 305 Prin of Management	3
University Core Electives	<u>3</u>
	15

Spring Semester	Hours
Fin 305 Business Finance	3
MKTG 305 Prin of Marketing	3
CIS 367 Data Communications	3
CIS 375 Systems Analysis & Design	3
University Core electives	<u>3</u>
	15

SENIOR YEAR

Fall Semester	Hours
BCOM 401 Bus. Career Plan	1
Course from CIS Track	3
CIS 377 Database Concepts	3
CIS 454 Managing Info Technology	3
University Core Electives	<u>6</u>
	16

Spring Semester	Hours
MNGT 452 Policy Form & Admin	3
CIS 477 Applied Software Devel. Proj.	3
Non-Business Electives	6-7
University Core Electives	<u>3</u>
	15-16

^a Or Eng 210. Technical Report Writing

^b Or MATH 241, Principles of Statistics

INDIVIDUAL DEVELOPMENT

- B1 - Ethics** – ENG 222, PHIL 200, 201, 312, 363, HA 356
- B2 - The Arts** - ART 201, 353, 354, ENG 105, 255, 265, 285, 286, 302, 330, 382, 383, MUS 202, CMST 203, THTR 101
- B3 - Health/Fitness** - PED 186 or 281, BIOL 176, NUTR 376, OT 310
And One PED Activity Course (100-level) or PED 295
- C1 - History** - HIST 101, 102, 111, 112, 130, 140, EDUC 173
- C2 - Individual Development/Social Behavior**
ECON 208, 209
- C3 - Science (at least one lab)** ANTH 131, ASTR 201L, BIOL 105L, 112L, 114L, 121, 122L, 133L, 141L, 151L, 152L 175, 176, 208L, 251, 282, 285
CHEM 103 OR 107L, 141L, 261L, 262L,
GEOG 112, 215, GEOL 101, 115, 131, 132, 151L OR 161L, 162L, 234, MET 321
PHYS 101, 175L, 176L, 205L, 206L, 207, 208
- C4 - Western Culture**
1 class from HUM 211, 221, 231 or 241
1 class from HUM 212, 222, 232 or 242
OR German, French, Latin or Spanish 203 and 204
- C5 - Global Communities**
ECON 241
- D - The Synthesis**
MNGT 452 meets core requirement D as part
Of the 50 hour core

PREREQUISITES**

- ACCT 201** - CIS 151 or 261, MATH 111, and must have completed at least 24 credit hours
- ACCT 202** - ACCT 201
- BCOM 231** - ENG 201, CIS 151, CMST 101
- BLAW 263** - Sophomore Standing
- CIS 305** - CIS 151, ACCT 201, 202*, ECON 208, 209*, and Junior Standing
- ECON 265** - MATH 111
- DSCI 351** - ECON 265, CIS 151, MATH 215
- DSCI 445** - MNGT 305, ECON 265, MATH 215
- ECON 208** - MATH 111 or equivalent and must have completed or be enrolled in 32nd semester hour
- ECON 209** - MATH 111 or equivalent and Have completed or be enrolled in 32nd Semester hour
- FIN 305** - ACCT 201, 202, ECON 265, ECON 208, 209, MATH 215
- MNGT 305** - ACCT 201, 202*, ECON 208, 209*, PSY 201, and Junior standing
- MKTG 305** - ACCT 201, 202*, ECON 208, 209*, PSY 201 and Junior standing
- BCOM 401** – BCOM 231, Senior standing
- MNGT 452** - MNGT 305, FIN 305, MKTG 305, Senior standing

* May be taken concurrently

**See catalog to check for prerequisites for classes not listed