

# **Major Degree Checklist (2008-2010 catalog)**

## **Business/Computer Information Systems Major**

Student \_\_\_\_\_

Advisor \_\_\_\_\_

This checklist is not a declaration of major, nor is it an official document. Official student records are maintained by the Registrar's Office. This is an information sheet only; students should consult the catalog for additional policies about their Major. **Students should also consult their advisor for possible changes in this Major since the checklist was printed.** Students are fully responsible for knowing the current requirements of their academic program.

### **I. FOUNDATIONS OF COMMUNICATION**

(Grade/Credit)

- \_\_\_ \_\_\_ **ENG 110** College Writing
- \_\_\_ \_\_\_ **MATH 111 or 122** (depends on placement)
- \_\_\_ \_\_\_ **COMMS 101** Speech
- \_\_\_ \_\_\_ **PHIL 101** Logic: Critical Thinking
- \_\_\_ \_\_\_ **Computer Competency**—CS 150
- \_\_\_ \_\_\_ **AND** \_\_\_ \_\_\_ **Foreign Language**

For a B.S., at least 6 credits in one language; for a B.A., 16 credits in one language, or 14 credits in one and 8 in a second. High school coursework may fulfill the requirement, but credit is not given unless the student wishes to earn retroactive credit; see college catalog for policies.

### **II. FOUNDATIONS OF HUMAN LEARNING**

(Grade/Credit)

- \_\_\_ \_\_\_ An **F1** course in **literature** (Pre-req is ENG 110)
- \_\_\_ \_\_\_ An **F2** course in **history and appreciation** of one of the **fine arts**: art, music, film, or theatre
- \_\_\_ \_\_\_ An **F3 studio experience** course in one of the **fine arts**: art, dance, music, theatre, creative writing (min. 2 credits)
- \_\_\_ \_\_\_ An **F4** course in **social science**—ECON 255 and 256
- \_\_\_ \_\_\_ **AND** \_\_\_ \_\_\_ An **F5** sequence of two courses in one of the **natural sciences**, including experimental study
- \_\_\_ \_\_\_ An **F6** course in **history**
- \_\_\_ \_\_\_ An **F7** course in **philosophy**—PHIL 104 (Pre-req is PHIL 101)
- \_\_\_ \_\_\_ An **F8** course in **religious studies**

### **OPTIONAL INTERDISCIPLINARY STUDY**

Substitution for Foundation Requirement: **F** \_\_\_

### **III. HUMAN ISSUES STUDY**

- \_\_\_ \_\_\_ **AND** \_\_\_ \_\_\_ Human Issues Seminar (3-4 credits) **-OR-**
- \_\_\_ \_\_\_ Independent study on a Human Issues topic of the student's choosing (min. 3 credits)

### **IV. MAJOR DEGREE REQUIREMENTS**

#### **1. Required Business minor courses:**

(Grade/Credit)

- \_\_\_ \_\_\_ **MATH 121** Statistics
- \_\_\_ \_\_\_ **MATH 122** Finite Mathematics
- \_\_\_ \_\_\_ **ECON 255F4** Principles of Macro-Economics
- \_\_\_ \_\_\_ **ECON 256F4** Principles of Micro-Economics
- \_\_\_ \_\_\_ **BUS 280** Financial Accounting
- \_\_\_ \_\_\_ **BUS 281** Managerial Accounting
- \_\_\_ \_\_\_ **BUS 301** Marketing Principles \*
- \_\_\_ \_\_\_ **BUS 302** Management of Human Performance \*
- \_\_\_ \_\_\_ **BUS 303** Corporate Finance \*
- \_\_\_ \_\_\_ **BUS 304** Law I \*
- \_\_\_ \_\_\_ **BUS 305** Operations Management \*

\* **BUS 301-305 Prerequisites:** Completion of 40 credits and ENG 110

**Note:** MATH 121 and MATH 122 are prerequisites for a number of Business courses. MATH 121 has a prerequisite of MATH 101 or 111. MATH 122 has a prerequisite of MATH 111.

#### **2. Required Computer Information Systems major courses:**

- \_\_\_ \_\_\_ **CS 150** Introduction to Information Systems
- \_\_\_ \_\_\_ **CS 180** Introduction to Programming
- \_\_\_ \_\_\_ **CS 220** Data Communications: Theory and Applications
- \_\_\_ \_\_\_ **CS 270** Database Structures
- \_\_\_ \_\_\_ **CS 301** Information Systems: Analysis and Design
- \_\_\_ \_\_\_ **CS 302** Information Systems: Design and Implementation
- \_\_\_ \_\_\_ **CS 333** Programming in Visual Basic
- \_\_\_ \_\_\_ **CS 334** Programming in JAVA
- \_\_\_ \_\_\_ **CS 340** Programming the Web
- \_\_\_ \_\_\_ **CS 350** Operating Systems
- \_\_\_ \_\_\_ **CS 430** Information Security and Network Management
- \_\_\_ \_\_\_ **CS 480** Web and E-Commerce Development
- \_\_\_ \_\_\_ **CS 492** Information Systems Project

#### **CONSULT 2008-2010 UNDERGRADUATE CATALOGUE FOR COURSE PREREQUISITES AND ROTATION SCHEDULES.**

Students graduating with a Business/Computer Information Systems major may need to complete more than 120 credits in order to complete their degree.