

# MANAGEMENT INFORMATION SYSTEMS CONCENTRATION DECLARATION

## For Students on Catalogs:

Fall 1998 - Summer 2005

CALIFORNIA POLYTECHNIC STATE UNIVERSITY – ORFALEA COLLEGE OF BUSINESS

Name \_\_\_\_\_

Graduation Date: \_\_\_\_\_

EmplID: \_\_\_\_\_

Date: \_\_\_\_\_

The Management Information Systems (MIS) Concentration provides flexibility for prospective students to shape and tailor their interests in business, information systems, and computer science.

### I. **Required Concentration Courses** **20 Units**

- CSC 237 Introduction to Computer Science Applications I 4

**Or**

CPE/CSC 101 Fundamentals of Computer Science I

- BUS 390 Data Structures for Business Systems 4

**Or**

CSC 141 Discrete Structures I (prerequisite for CPE 103)

CSC/CPE 103 Fundamentals of Computer Science III  
(for Computer Science minor)

- BUS 393 Database Systems 4

- BUS 394 Systems Analysis and Design 4

- BUS 395 Systems Design & Implementation 4

**Please note: BUS 390, BUS 393 and BUS 394 can be taken concurrently.**

### II. **Elective Courses for Concentration** **8 Units**

The student is to select an additional 8 units, in consultation with the Management Information Systems Coordinator, from the following listed courses. Courses not listed below may be used only with the permission of the MIS Coordinator.

		<b><u>UNITS</u></b>
BUS 400	Special Problems for Advanced Undergraduates	1-4
BUS 430	Cooperative Education/Internship ***	1-4
BUS 486	Human Resource Information Systems	4
BUS 491	Systems Modeling with Computer Simulation	4
BUS 492	Expert Systems Applications in Business	4
BUS 494	Small Business Information Systems	4
BUS 496	E-commerce: Development & Business Structure	4
BUS 497	Multimedia Presentation Systems in Business	4
BUS 498	Directed Topics in MIS	4
BUS 499	Data Communications and Networking	4
BUS x464	Senior Project	4
BUS 4xx	Information Systems Risks, Audit, Controls	4

\*\*\* Coops and internships must be approved for concentration elective credit PRIOR to taking the coop/internship. A maximum of four units combined may be counted toward MIS electives. Student must provide the Management Area Coordinator with the contract ([www.careerservices.calpoly.edu](http://www.careerservices.calpoly.edu)) and receive specific approval from the Management Area Coordinator.

- - If you are considering a Computer Science Minor, please note you will need to complete CPE 101, CPE 102, and CPE 103 instead of CSC 237 and BUS 390. The MIS concentration alternatives to these classes will not be accepted for that minor.

\_\_\_\_\_  
MIS Area Coordinator

Date \_\_\_\_\_

\* Students may NOT double count concentration courses with major or support courses.

Revised 8/1/2006