COMPUTER INFORMATION SYSTEMS
(Business Education Majors)

I.   **General Education:** None of the course in this SAC are General Education courses. BE 3380 Information Systems for Business and Education Professionals, BE 4550 Computer Applications for Business and Education Professionals, and BE 4650 Computer Applications for Business and Education Professionals may satisfy 9 SH in the Business Education major.

II.   **Computer Information Systems Second Academic Concentration Requirements................................. 18 SH**

A second academic concentration in computer information systems (*CIS*) may be obtained by completing 18 hours taken as follows:

Required Information Systems Core Courses... 15 SH

BE 3380 Information Systems for Business and Education Professionals .... 3 SH (S)
BE 4550 Network Administration for Business and Education Professionals .... 3 SH (F)
BE 4650 Computer Applications for Business and Education Professionals .... 3 SH (F)
CIS 2050 Foundations of Information Systems .... 3 SH (F;S)
CIS 3250 Systems Analysis and Design *(Prerequisite: CIS 2050)* .... 3 SH (F;S)

Choose 3 additional credit hours from the following... 3 SH

CIS 3580 Networking and IT Infrastructures *(Prerequisite: CIS 2050)*......................................3 SH (F;S)
CIS 3610 Project Management ....3 SH (On Demand)
CIS 3620 Global Information Technologies..3 SH (On Demand)
CIS 3680 Programming Software Solutions *(Prerequisite: CIS 2050)* ....3 SH (F;S)
CIS 3710 Emerging Technologies *(Prerequisite: CIS 2050)* ....3 SH (F;S)
CIS 3750 Database Management..3 SH (F;S)
CIS 3820 Ethics and Privacy ....3 SH (On Demand)
CIS 3840 Managing Security...3 SH (F;S)
CIS 3870 Web Development and eCommerce ....3 SH (On Demand)
CIS 4549 Web 2.0 Technologies ....3 SH
CIS 4585 Advanced Data Communications and Networking *(Prerequisite: #, CIS 3580)*.........3 SH (On Demand)
CIS 4620 IS Strategy and Ethics *(Prerequisite: #, CIS 2050)* ....3 SH (On Demand)
CIS 4630 Advanced Data Management with Oracle *(Prerequisite: #, CIS 3750)* ....3 SH (On Demand)
CIS 4710 e-Business Systems *(Prerequisite: #, CIS 2050)* ....3 SH (On Demand)
CIS 4790 Current Topics in Information Systems *(Prerequisite: #, CIS 3750)* ....3 SH (On Demand)
CIS 4850 Information System Project *(Prerequisite: #, CIS 3250, CIS 3680, CIS 3750)* ....3 SH (F;S)
Other appropriate courses as approved by adviser/coordinator.
 # Prerequisite includes the identified courses <u>and</u> a minimum of "C" in ENG 3100.

Advising in the Department of Curriculum and Instruction is required.

Contact Persons:
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