| NAME: | STUDENT ID#: | LAST UPDATED: |
|---|---|---|

**UNIVERSITY OF NEBRASKA AT OMAHA**
COLLEGE OF INFORMATION SCIENCE & TECHNOLOGY

## Optional Concentrations

## MAJOR: MANAGEMENT INFORMATION SYSTEMS

### i-BUSINESS APPLICATION/DEVELOPMENT/MGMT

| Course # | Course Name | Grade | Cr | Notes |
|---|---|---|---|---|
| PREREQUISITES: | | | | |
| CIST 2100 | Orgs, Apps & Technology | | | |
| ISQA 3310 | Mng the DB Environment | | | |
| ISQA 4110 | Info Sys Analysis | | | |
| ISQA 4120 | Sys Design and Implement | | | |
| CORE COURSES (6 HRS): | | | | |
| ISQA 3910 | Intro to Project Mgmt | | | |
| ISQA 4180 | e-Commerce | | | |
| ELECTIVE COURSES (9 HRS): | | | | |
| IASC 3600 | Info Security, Policy & Aware | | | |
| ISQA 3520 | Graphical User Inteface Des | | | |
| ISQA 4000* | Special Topics: ISQA | | | |
| ISQA 4100 | Info Sys Architecture & Org | | | |
| ISQA 4190 | Process Reengineering w/IT | | | |
| CAPSTONE COURSE (3 HRS): | | | | |
| ISQA 4380 | Distributed Techs & Systems | | | |
| Remaining: | 18 | Compl: | 0 | |

### INTERNET TECHNOLOGIES

| Course # | Course Name | Grade | Cr | Notes |
|---|---|---|---|---|
| CORE COURSES (6 HRS): | | | | |
| CSCI 2850 | Prgmng on the Internet | | | |
| CSCI 3830 | Adv JAVA Programming | | | |
| ELECTIVE COURSES (9 HRS): | | | | |
| CIST 2910 | Multimedia Systems | | | |
| ISQA 3310 | Mng the DB Environment | | | |
| ISQA 3400 | Business Data Comm | | | |
| ISQA 3520 | GUI Design | | | |
| CIST 3600 | Info Security & Policy | | | |
| ISQA 4000* | Special Topics: ISQA | | | |
| ISQA 4180 | e-Commerce | | | |
| ISQA 4300 | Database Administration | | | |
| ISQA 4730 | Decision Support Systems | | | |
| ISQA 4880 | Sys Simulation and Modeling | | | |
| ISQA 4890 | Data Warehousing & Mining | | | |
| CAPSTONE COURSE (3 HRS): | | | | |
| ISQA 4900 | Internet Systems Devel | | | |
| Remaining: | 18 | Compl: | 0 | |

### INFORMATION ASSURANCE

| Course # | Course Name | Grade | Cr | Notes |
|---|---|---|---|---|
| PREREQUISITES: | | | | |
| CIST 1400 | Intro to Comp Prgrm | | | |
| CSCI 1620 | Intro to Comp Science II | | | |
| CIST 2100 | Orgs, Apps & Technology | | | |
| CSCI 2240 | Intro to C Programming | | | |
| ISQA 3300 | File Structures - OR - | | | |
| CSCI 3320 | Data Structures | | | |
| MATH 1930 | Calc for Mgmt/Life/Soc Sci | | | |
| MATH 2030 | Discrete Math | | | |
| CORE COURSES (18 HRS): | | | | |
| CIST 3110 | IT Ethics | | | |
| IASC 3350 | Security Admin-Linux - OR - | | | |
| IASC 3370 | Security Admin-Windows | | | |
| CSCI 3550 | Comm Networks - OR - | | | |
| ISQA 3400 | Business Data Comm | | | |
| IASC 3600 | Info Security, Policy, & Aware | | | |
| IASC 4360 | Found of Info Assurance | | | |
| CIST/IASC4540 | Computer Security Mgmt | | | |
| Remaining: | 18 | Compl: | 0 | |

### IT AUDIT & CONTROL**

| Course # | Course Name | Grade | Cr | Notes |
|---|---|---|---|---|
| CORE COURSES (9 HRS) | | | | |
| CIST 3110 | IT Ethics | | | |
| IASC 3600 | Info Security, Policy & Aware | | | |
| ACCT 4080 | Principles of Auditing | | | |
| ELECTIVE COURSES (9 HRS) | | | | |
| ISQA 4000* | Special Topics: ISQA | | | |
| ACCT 4000* | Special Topics in Accounting | | | |
| ACCT 4060 | Adv Managerial Acctg | | | |
| ACCT 4090 | Info Systems Auditing | | | |
| ISQA 4190 | Process Reengineering w/IT | | | |
| ISQA 4500 | Special Problems in ISQA | | | |
| ISQA 4510 | Info Systems Internship | | | |
| | | | | |
| | | | | |
| Remaining: | 18 | Compl: | 0 | |

### GLOBAL IT LEADERSHIP/MANAGEMENT

| Course # | Course Name | Grade | Cr | Notes |
|---|---|---|---|---|
| PREREQUISITES: | | | | |
| CIST 1400 | Intro to Comp Prgrm | | | |
| CIST 2100 | Orgs, Apps & Technology | | | |
| CIST 3110 | IT Ethics | | | |
| ENGL 1150 | Composition I(CIST 2100 co/pre-req) | | | |
| ECON 2200 | Microeconomics | | | |
| ECON 2220 | Macroeconomics | | | |
| GEOG 1020 | Intro to Human Geography | | | |
| INST 2130 | Intro to Intl Studies | | | |
| PSCI 2210 | Intro to Internl Relations | | | |
| | | | | |
| CORE COURSES (15 HRS): | | | | |
| ISQA 3310 | Mng the DB Environment | | | |
| ISQA 3420 | Mng in a Digital World | | | |
| ISQA 3910 | Intro to Project Mgmt | | | |
| ISQA 4380 | Distrib Technolog & Systems | | | |
| INST 3000 | Study Abroad -OR- | | | |
| ISQA 4130 | IT for Development | | | |
| CAPSTONE COURSE (3 HRS): | | | | |
| ISQA 4500 | Spec Problems in ISQA | | | |
| Remaining: | 18 | Compl: | 0 | |

\* Topic must be related to Concentration

** Students are responsible for prerequisite courses.

This matriculation form corresponds with UNO Catalog 2016-2017. Last update: March 2016