

Optional Concentrations

College of Information Science & Technology

Students pursuing a concentration are to complete a 'Change of Academic Program' form, secure appropriate signatures and submit the form in person at the Registrar's office.

	Prerequisites	Grade	Cr.	Note
ISQA i-Business Application Development & Management Concentration (Optional) 18 Hours	CIST 3100 Orgs, Apps & Tech			
	ISQA 3310 Mnging the Database Environ			
	ISQA 4110 Info Systems Development			
	ISQA 4120 Systems Design & Implement			
	Core Courses (6 hrs)			
	ISQA 4180 e-Commerce			
	ISQA 3210 Adv Tech for Personal Prod			
	Elective Courses (choose 9 hours from the six classes listed below)			
	CIST 3600 Information Security & Policy			
	ISQA 3520 GUI Design			
	*ISQA 4000 Special Topics in ISQA Title:			
	ISQA 4100 Info System Architect & Org			
	ISQA 4190 Bus Proc Re-Eng w/Info Tech			
	ISQA 4910 Intro to Project Management			
	Capstone Course (3 hrs)			
ISQA 4380 Distributed Tech & Systems				

* Topic must be related to i-Business Application Development & Mgmt.

	Core Courses (6 hrs)	Grade	Cr.	Note
Internet Technologies (iT) Concentration In MIS (Optional) 18 Hours	CSCI 2850 Programming on the Internet			
	CSCI 2830 Java Programming I			
	Elective Courses (choose 9 hours from the eleven classes listed below)			
	CIST 2910 Multimedia Systems			
	CSCI 3830 Advanced Java Programming			
	CIST 3600 Information Security & Policy			
	ISQA 3310 Mnging the Database Environ			
	ISQA 3400 Business Data Comm.			
	* ISQA 4000 Special Topics in ISQA Title:			
	ISQA 4300 Database Administration			
	ISQA 3520 Graphical User Interface			
	ISQA 4180 Electronic Commerce			
	ISQA 4730 Decision Support Systems			
	ISQA 4880 Systems Simulat & Modeling			
	ISQA 4890 Data Warehouse & Data Min			
Capstone Course (3 hrs)				
ISQA 4900 Internet Systems Development				

* Topic must be related to Internet Technologies

	Prerequisites	Grade	Cr.	Note
ISQA Decision Support & Knowledge Management Concentration (Optional) 18 Hours	CIST 3100 Orgs, Apps & Tech			
	CIST 2500 Intro to Applied Stats for IS&T			
	Core Courses (6 hrs)			
	ISQA 3150 Principles of Quant Analysis			
	ISQA 4730 Decision Support Systems			
	Elective Courses (choose 9 hours from the six classes listed below)			
	ISQA 3250 Intermediate Quant Analysis			
	*ISQA 4000 Special Topics in ISQA Title:			
	ISQA 4010 Business Intelligence			
	ISQA 4150 Adv Statistical Methods for IT			
	ISQA 4200 Info & Data Quality Mgmt			
	ISQA 4880 Systems Simulat. & Modeling			
	Capstone Course (3 hrs)			
	ISQA 4890 Data Warehouse & Data Min			

* Topic must be related to Decision Support & Knowledge Management

	Prerequisites	Grade	Cr.	Note
Information Assurance Concentration (Optional) 18 Hours MIS Majors	CIST 1400 Intro to Comp Programming			
	CSCI 1620 Intro to Computer Science II			
	CSCI 1840 Advanced Topics in "C"			Fall
	CIST 3100 Orgs. Apps & Tech			
	MATH 1930 Calc for the Mgr. Life & SS			
	MATH 2030 Discrete Mathematics			
	ISQA 3300 File Structures for IS OR CSCI 3320 Data Structures			
	Core Courses (18 hrs)			
	CIST 3110 Info Technology Ethics			
	ISQA 3400 Business Data Comm. OR CSCI 3550 Comm. Networks			
	CIST 3600 Information Security & Policy			Spring
	CIST 4360 Foundation of Inf Assurance			Fall
	CIST 4370 Security Administration			Spring
	CIST 4540 Computer Security Mgmt			Fall

	Core Courses (9 hrs)	Grade	Cr.	Note
IT Audit & Control (Optional) 18 Hours	CIST 3110 IT Ethics			
	ACCT 4080 Principles of Auditing			
	CIST 3600 Information Security and Policy			
	Elective Courses (choose 6 hours from the seven classes listed below)			
	ACCT 4090 Advanced Auditing			
	ACCT 4060 Advanced Managerial ACCT			
	* ACCT 4000 Special Topics in Accounting			
	* ISQA 4000 Special Topics in ISQA			
	Course Title: _____			
	* ISQA 4500 Independent Study in ISQA			
	ISQA 4510 Internship in ISQA			
	ISQA 4190 Process Reengineering with IT			
	ISQA 4910 Introduction to Project Mgmt			
	Capstone Course (3 hrs)			
ISQA 4590 IT Audit and Control				

* Topic must be related to IT Audit & Control