Computer Information Systems, MS

Master of Science in Computer Information Systems Degree Program Requirements

Computer Information Systems Core Requirements

CINS 5301	Information Resources Management	3
CINS 5304	Data Communications and Computer Networks	3
CINS 5305	Database Management Systems	3
CINS 5306	Data Structures and Algorithms	3
CINS 5307	Information Technology	3
CINS 5318	Software Engineering	3
Concentration (select one from below):		**18**
Thesis Concentration:		
CINS 5690	Master Thesis	
Electives (Select 12 hours from the approved CINS Electives)		
Non-Thesis Concentration		
CINS 5391	Masters Project	
or CINS 5338	Software Project Management	
Electives (Select 15 hours from the approved CINS Electives)		
Total Hours		**36**

General CINS Electives

CINS 5317	Information Retrieval	3
CINS 5319	Enterprise Information Systems	3
CINS 5330	E-Commerce	3
CINS 5331	Information Assurance	3
CINS 5398	Special Topics in Computer Information Systems	3

Master of Science in Computer Information Systems Degree Sequence

First Year

Fall - Semester 1	Hours	Spring - Semester 2	Hours
CINS 5301	3	CINS 5305	3
CINS 5304	3	CINS 5306	3
CINS 5318	3	CINS 5307	3
Total	**9**	**Total**	**9**

Total Hours: 18

Second Year

Fall - Semester 1	Hours	Spring - Semester 2	Hours
CINS 5690	6	Three CINS Electives (Thesis Track) or CINS 5391 and Two CINS Electives (Non- Thesis Track)	9
CINS Elective (Thesis Track)	3		
or Three CINS Electives (Non-Thesis Track)			
Total	**9**	**Total**	**9**

Total Hours: 18

Name	Unit
Total Semester Credit Hours: 36	

Marketable Skills

Marketable skills, as defined by the Texas Higher Education Coordinating Board's 60x30TX Plan (http://www.60x30tx.com/), include interpersonal, cognitive, and applied skill areas, are valued by employers, and can be either primary or complementary to a major. Marketable skills are acquired by students through education, including curricular, co-curricular, and extracurricular activities.

MS Computer Information Systems

Degree Skills

1. Utilize various computer software to process and analyze data to retrieve useful information
2. Knowledge foundation to continue learn new software/tools by themselves in the information area
3. Knowledge to successfully enter and complete related Ph.D. program