

Academic Catalog 2022-2023

Home > Graduate > College of Engineering > Multidisciplinary Programs > Information Systems, MSIS

Information Systems, MSIS

 2022-2023 EDITION

OVERVIEW

MORE ▾

Complete all courses and requirements listed below unless otherwise indicated. Students may not register for more than 9 semester hours in the fall, spring, and summer terms. All 32 credits must be completed from the IS, CSYE, and DAMG program coursework specified. The MSIS program does not accept any transfer credit.

Core Requirements

INFO 5100 and INFO 5101	Application Engineering and Development and Lab for INFO 5100	4
---	--	---

Concentrations

Complete one of the following concentrations:

- [Big Data Systems and Analytics](#)
- [General Information Systems](#)
- [Intelligent Systems](#)
- [Smart Contracts](#)
- [User Experience](#)

Big Data Systems and Analytics Concentration

CSYE 6225	Network Structures and Cloud Computing	4
DAMG 7245	Big-Data Systems and Intelligence Analytics	4
INFO 7250	Engineering of Big-Data Systems	4
INFO 7390	Advances in Data Sciences and Architecture	4

General Information Systems Concentration

Complete 16 semester hours from the following subject code:	16
INFO	

Intelligent Systems Concentration

CSYE 7280	User Experience Design and Testing	4
INFO 7375	Special Topics in Artificial Intelligence Engineering and Applications	4
INFO 7390	Advances in Data Sciences and Architecture	4
INFO 7610	Special Topics in Natural Language Engineering Methods and Tools	4

Smart Contracts Concentration

INFO 7500	Cryptocurrency and Smart Contract Engineering	4
INFO 7510	Smart Contract Application Engineering and Development	4
INFO 7520	Engineering of Advanced Cryptocurrency Systems	4
INFO 7525	Regulatory Aspects of Smart Contract Automation	2
INFO 7535	Digital Smart Contracts Product Innovations	2

User Experience Concentration

CSYE 7280	User Experience Design and Testing	4
INFO 6150	Web Design and User Experience Engineering	4
INFO 6245	Planning and Managing Information Systems Development	4
INFO 6350	Smartphones-Based Web Development	4

Electives

Complete 12 semester hours from the following subject codes:	12
CSYE (except CSYE 6220)	
DAMG	
INFO	

Program Credit/GPA Requirements

32 total semester hours required

Minimum 3.000 GPA required