

Graduate Track/Specialty Area

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Name of Track: Informatics

Faculty Member(s) using track: Robert Brazile, Yan Huang, JungHwan Oh, Kathleen Swigger

Required Courses for all Tracks: 4 credits (Algorithms and 1-hour seminar course) are required for all tracks.

Course Number	Course Name	Credits	Semester Taken
CSCE 5020	Current Research in CSE	1	
CSCE 5150	Analysis of Computer Algorithms	3	

Track Core Courses: Each track will require a minimum of 9 credits to be chosen from a list of at least 3 courses. This list may include specific courses that students must take, provide a choice between a short list of courses, or any combination thereof.

Core Courses Required: 3

Course Number	Course Name	Credits	Semester Taken
CSCE 5200	Information Retrieval	3	
CSCE 5271	Computer-Human Interfaces	3	
CSCE 5350	Database System I	3	
CSCE 5360	Database System II	3	
CSCE 5933	Data Mining	3	
CSCE 6350	Advanced Database Design	3	

Supporting Courses Required: 1/1 (may include core courses not selected)

Course Number	Course Name	Credits	Semester Taken
CSCE 5210	Artificial Intelligence	3	
CSCE 5900	Special problem related to Informatics	3	
CSCE 5933	Topics related to Informatics	3	
CSCE 5934	Directed Study related to Informatics	3	
CSCE 6933	Topics related to Informatics	3	

Total Required Courses for Track/Specialty Area: 4/4

Major Professor: _____

Graduate Coordinator: _____ Date: _____

Dr. Armin Mikler

Department Chair: _____ Date: _____

Dr. Krishna Kavi