

Graduate Track/Specialty Area

Return completed form to your Graduate Professor
Please Print

Name of Track: Artificial Intelligence

Faculty Member(s) using track: Rada Mihalcea, Kathy Swigger, Paul Tarau

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 5210 | Artificial Intelligence | 3 | |
| CSCE 5215 | Machine Learning | 3 | |
| CSCE 5270 | Human Computer Interfaces | 3 | |
| CSCE 5290 | Natural Language Processing | 3 | |

Supporting Courses Required: 2/4 (may include core courses not selected)

| Course Number | Course Name | Credits | Semester Taken |
|---------------|-----------------------------------|---------|----------------|
| CSCE 5170 | Graph Theory | 3 | |
| CSCE 5350 | Database I | 3 | |
| CSCE 5400 | Automata Theory | 3 | |
| CSCE 6100 | Theory of Computation | 3 | |
| CSCE 6210 | Expert Systems | 3 | |
| CSCE 6280 | Advanced Artificial Intelligence | 3 | |
| CSCE 6290 | Advanced Man/Machine Intelligence | 3 | |
| CSCE 6933 | Selected Advanced Topics | 3 | |

Total Required Courses for Track/Specialty Area: 5/7

Major Professor: _____

Graduate Coordinator: _____ Date: _____

Dr. Armin Mikler

Department Chair: _____ Date: _____

Dr. Krishna Kavi