Graduate Certificate in Artificial Intelligence

Required Courses
Twelve credits are required for the Artificial Intelligence Graduate Certificate. The number of credits from CSCI 592 (Independent Study) and CSCI 594 (Seminar) combined is limited to 3. Note: These requirements guarantee that at least two courses will be taken from the first two sections.

The first section lists 400-level core Artificial Intelligence courses. The second section lists 500-level core Artificial Intelligence courses. The third section lists 500-level courses that provide advanced skills or fundamental theory that are highly valuable for working in artificial intelligence.

Electives: At Most One Course from
- CSCI 446 Artificial Intelligence 3
- CSCI 447 Machine Learning: Soft Computing 3

Electives: Any Number of Courses from
- CSCI 546 Advanced Artificial Intelligence 3
- CSCI 547 Machine Learning 3
- CSCI 550 Advanced Data Mining 3
- CSCI 592 Independent Study (requires preapproval, must be AI relevant) 1-3
- CSCI 594 Seminar (requires preapproval, must be AI relevant) 1-3

Electives: At Most Two Courses from
- CSCI 540 Advanced Database Systems 3
- STAT 511 Methods of Data Analysis I 3
- STAT 512 Methods of Data Analysis II 3
- M 507 Mathematical Optimization 3
- M 508 Mathematics of Machine Learning 3