Logic and Decision Theory

*Several of these courses have pre-requisites that are not on the list. Many students will have completed the equivalents of these pre-requisites at their undergraduate institution, but for students that have not, one of these pre-requisites may count towards the total number of courses required for the track. Additional pre-requisites, if needed, must be taken as electives in addition to the courses in the track.

Course Number	Course Title
CSCE 625	Artificial Intelligence
CSCE 627	Theory of Computability
CSCE 629	Analysis of Algorithms
CSCE 631	Intelligent Agents
CSCE 633	Machine Learning
CSCE 636	Neural Networks
CSCE 637	Complexity Theory
CSCE 639/ MEEN 676	Fuzzy Logic and Intelligent Systems
CSCE 640	Quantum Algorithms
ECON 607	Foundations of Microeconomic Theory
ECON 618	Behavioral Financial Economics
ECON 629	Microeconomic Theory I
ECON 630	Microeconomic Theory II
ECON 631	Microeconomic Theory III
ECON 632	Microeconomic Theory IV
ECON 655	Experimental Economics
ECON 659	Behavioral Game Theory
ECON 668	Decisions Under Risk and Uncertainty
MATH 601	Methods of Applied Mathematics I
MATH 606	Theory of Probability I
MATH 619	Applied Probability
PSYC 603	Motivation and Cognitive Processes
PSYC 605	Memory and Consciousness
PSYC 606/ NRSC 606	Learning
PSYC 620	Theories of Social Psychology
PSYC 621	Seminar in Social Psychology