

Core Courses Syllabi

ML699 - Masters Research Thesis

Title	Machine Learning Masters Research Thesis
Code	ML699
Loading	12 Credit-hours
Prerequisite	Coursework
Catalog Description	Master's thesis research exposes students to an unsolved research problem, where they are required to propose new solutions and contribute towards the body of knowledge. Students pursue an independent research study, under the guidance of a supervisory panel, for a period of 1 year. Master's thesis research helps train graduates to pursue more advanced research in their PhD degree. Further, it enables graduates to independently pursue an industrial project involving research component.
Goal	The goal of writing a research thesis is to train students to become researchers in the process. Thesis research equips students with capabilities to undertake an unsolved problem, explore relevant literature, propose a solution, and validate it through experimental evaluations. Finally, the research findings and solutions are shared with academic community in the form of scientific research papers.
Assessment	<p>A Master's thesis will be judged based on:</p> <ul style="list-style-type: none"> - Thesis Proposal and Introductory Presentation - Research-in-Progress Presentation - Thesis Defense Presentation - Final Thesis (writing and arrangement) - Review by an external committee member <p>Students will receive either a pass or fail outcome. Students who produce outstanding research contributions, evidenced through publications at top venues of their field, will be awarded a distinction at the discretion of the supervisory panel.</p>