

Core Courses Syllabi

ML799 - PhD Research Thesis

Title	Machine Learning PhD Research Thesis
Code	ML799
Loading	36 Credit-hours
Prerequisites	Coursework + Masters Degree
Catalog Description	PhD thesis research exposes students to cutting-edge and unsolved research problems, where they are required to propose new solutions and significantly contribute towards the body of knowledge. Students pursue an independent research study, under the guidance of a supervisory panel, for a period of 3 to 4 years. PhD thesis research helps train graduates to become leaders in their chosen area of research through partly-supervised study, eventually transforming them into researchers who can work independently or interdependently to carry out cutting edge research.
Goal	The goal of writing a research thesis is to train students to become independent 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 extensive experimental evaluations. Finally, the research findings and solutions are shared with the academic community in the form of scientific research papers.
Assessment	<p>A PhD 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 will be awarded a distinction at the discretion of the supervisory panel.</p>