



School of Graduate
and Professional
Education



MS in Data Science

Course Schedule

ACADEMIC YEAR 2024–2025

FALL 2024-25 / September 23 (M) - December 21 (Sat) 2024

ITC 6008	SEARCH ENGINE AND WEB MINING	3 cr.	R	M	18:30-21:30
ITC 6001	INTRODUCTION TO BIG DATA	3 cr.	R	W	18:30-21:30
ITC 6109	MACHINE VISION IN DATA SCIENCE	3 cr.	R	TH	18:30- 21:30
ITC 6002-A1	EXPLORING AND ANALYSING DATA	3 cr.	R	T	18:30-21:30
ITC 6002-B1	EXPLORING AND ANALYSING DATA	3 cr.	R	T	18:30-21:30
ITC 6440	THESIS	3 cr.	R	N/A	N/A

WINTER 2024-25 / January 13 (M) - April 12 (Sat) 2025/TENTATIVE

ITC 6103-A1	APPLIED MACHINE LEARNING	3 cr.	R	W	18:30-21:30
ITC 6103-B1	APPLIED MACHINE LEARNING	3 cr.	R	W	18:30-21:30
ITC 6004	DATA VISUALISATION	3 cr.	R	TH	18:30 - 21:30
ITC 6001-A1	INTRODUCTION TO BIG DATA	3 cr.	R	TH	18:30 - 21:30
ITC 6107	BIG DATA ARCHITECTURES	3 cr.	R	T	18:30 - 21:30
ITC 6119	BUSINESS FORECASTING	3 cr.	E	M	18:30 - 21:30
ITC 6440	THESIS	3 cr.	R	N/A	N/A
ODS 6001	PROGRAMMING FUNDAMENTALS (Online asynchronous)	3 cr.		N/A	N/A
ITC 6230	DEEP LEARNING	3 cr.	E	M	

SPRING 2024-25 / April 28 (M) - July 26 (Sat) 2025/TENTATIVE

ITC 6125	MACHINE LEARNING AND APPLICATIONS	3 cr.	E	M	18:30 - 21:30
ITC 6045	PROJECT MANAGEMENT IN DATA SCIENCE	3 cr.	E	M	18:30 - 21:30
ITC 6110 A	NATURAL LANGUAGE PROCESSING	3 cr.	R	TH	18:30 - 21:30
ITC 6110 B	NATURAL LANGUAGE PROCESSING	3 cr.	R	TH	18:30 - 21:30
ITC 6050	DATA ENGINEERING	3 cr.	E	T	18:30 - 21:30
ITC 6005	KNOWLEDGE GRAPHS	3 cr.	R	T	18:30 - 21:30
ITC 6421 -A1	CAPSTONE	3 cr.	R	W	18:30 - 21:30
ITC 6421--B1	CAPSTONE	3 cr.	R	W	18:30 - 21:30
ODS 6001	PROGRAMMING FUNDAMENTALS - ONLINE ASYNCHRONOUS	3 cr.	N/A	N/A	N/A
ITC 6440	THESIS	3 cr.	R	N/A	N/A

** THESIS duration: 2 terms or 26 weeks

R: Required

E: Elective