



School of Graduate  
and Professional  
Education



# MS in Data Science

## Course Schedule

**ACADEMIC YEAR 2023–2024**

### FALL 2023-24 / September 19 (T) - December 16 (Sat) 2023/TENTATIVE

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

### WINTER 2023-24 / January 9 (T) - April 6 (Sat) 2024/ 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 -A1	DATA VISUALISATION	3 cr.	R	M	18:30 - 21:30
ITC 6001	INTRODUCTION TO BIG DATA	3 cr.		M	18:30 - 21:30
ITC 6107	BIG DATA ARCHITECTURES	3 cr.	R	T	18:30 - 21:30
ITC 6119	BUSINESS FORECASTING	3 cr.	E	R	18:30 - 21:30
ITC 6230	DEEP LEARNING	3 cr.	E	R	18:30 - 21:30
ODS 6001	PRGRAMMING FUNDAMENTALS	3 cr.	N/A	N/A	ONLINE ASYNCHRONUS
ITC 6440	THESIS	3 cr.	R	N/A	N/A

### SPRING 2023-24 / April 15 (Tu) - July 27 (Sat) 2024 / TENTATIVE

ITC 6125	MACHINE LEARNING AND APPLICATIONS	3 cr.	E	T	18:30 - 21:30
ITC 6045	PROJECT MANAGEMENT IN DATA SCIENCE	3 cr.	E	T	18:30 - 21:30
ITC 6110	NATURAL LANGUAGE PROCESSING	3 cr.	R	M	18:30 - 21:30
ITC 6005	KNOWLEDGE GRAPHS	3 cr.	R	TH	18:30 - 21:30
ITC 6421 (1st section)	CAPSTONE	3 cr.	R	W	18:30 - 21:30
ITC 6421 (2nd section)	CAPSTONE	3 cr.	R	W	18:30 - 21:30
ITC 6440	THESIS	3 cr.	R	N/A	N/A

\*\* THESIS duration: 2 terms or 26 weeks

R: Required

E: Elective