



School of Graduate
and Professional
Education



MS in Data Science

Course Schedule

ACADEMIC YEAR 2022-2023

FALL 2022-23 / September 19 (M) - December 17 (Sat) 2022

ITC 6008	SEARCH ENGINE AND WEB MINING	3 cr.	R	M	18:30 - 21:30
ITC 6009	MACHINE VISION IN DATA SCIENCE	3 cr.	R	T	18:30 - 21:30
ITC 6001	INTRODUCTION TO BIG DATA	3 cr.	R	W	18:30 - 21:30
ITC 6002	EXPLORING AND ANALYSING DATA	3 cr.	R	TH	18:30 - 21:30
ITC 6440	THESIS	3 cr.	E	NA	NA

WINTER 2022-23 / January 9 (M) - April 8 (Sat) 2023 / TENTATIVE

ITC 6003	APPLIED MACHINE LEARNING	3 cr.	R	M	18:30 - 21:30
ITC 6107	BIG DATA ARCHITECTURES	3 cr.	R	T	18:30 - 21:30
ITC 6004	DATA VISUALISATION	3 cr.	R	W	18:30 - 21:30
ITC 6420	SAS PLATFORM FOR BUSINESS ANALYTICS	3 cr.	E	TH	18:30 - 21:30
ITC 6230	ADVANCED MACHINE LEARNING	3 cr.	E	TH	18:30 - 21:30
ITC 6440	THESIS	3 cr.	E	NA	NA

SPRING 2022-23 / April 25 (Tu) - July 22 (Sat) 2023 / TENTATIVE

ITC 6010	NATURAL LANGUAGE PROCESSING	3 cr.	R	M	18:30 - 21:30
ITC 6125	MACHINE LEARNING AND APPLICATIONS	3 cr.	E	T	18:30 - 21:30
ITC 6015	STRATEGIC THINKING FOR DATA SCIENTISTS	3 cr.	E	T	18:30 - 21:30
ITC 6005	KNOWLEDGE GRAPHS	3 cr.	R	TH	18:30 - 21:30
ITC 6421	CAPSTONE	3 cr.	E	W	18:30 - 21:30
ITC 6440	THESIS	3 cr.	E	NA	NA

** THESIS duration: 2 terms or 26 weeks

R: Required

E: Elective