



School of Graduate
and Professional
Education



MS in Data Science

Course Schedule

ACADEMIC YEAR 2021–2022

FALL 2021 / September 20 (M) - December 18 (Sat) 2021

ITC 6008	SEARCH ENGINE AND WEB MINING (ON CAMPUS)	3 cr.	M	18:30 - 21:30
ITC 6009	MACHINE VISION IN DATA SCIENCE (ON CAMPUS)	3 cr.	T	18:30 - 21:30
ITC 6001 A1	INTRODUCTION TO BIG DATA (ON CAMPUS)	3 cr.	W	18:30 - 21:30
ITC 6001 B1	INTRODUCTION TO BIG DATA (ONLINE)	3 cr.	W	18:30 - 21:30
ITC 6002 A1	EXPLORING AND ANALYSING DATA (ON CAMPUS)	3 cr.	TH	18:30 - 21:30
ITC 6002 B1	EXPLORING AND ANALYSING DATA (ONLINE)	3 cr.	TH	18:30 - 21:30
ITC 6440	THESIS	3 cr.	N/A	N/A

WINTER 2022 / January 10 (M) - April 9 (Sat) - TENTATIVE

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

SPRING 2022 / May 3 (Tu) - July 30 (Sat) - TENTATIVE

ITC 6006	BIG DATA IN BUSINESS	3 cr.	Tue	18:30 - 21:30
ITC 6015	STRATEGIC THINKING FOR DATA SCIENTISTS	3 cr.	Tue	18:30 - 21:30
ITC 6010	NATURAL LANGUAGE PROCESSING	3 cr.	Mon	18:30 - 21:30
ITC 6005	SEMANTIC WEB	3 cr.	Wed	18:30 - 21:30
ITC 6421	CAPSTONE	3 cr.	Thu	18:30 - 21:30
ITC 6440	THESIS	3 cr.	N/A	N/A

* THESIS duration: 2 terms or 26 weeks