



School of Graduate
and Professional
Education



MS in Data Science

Course Schedule

ACADEMIC YEAR 2017–2018

FALL 2017-18 (September 25 - December 21, 2017)

ITC 6004	DATA VISUALIZATION & COMMUNICATION	R	3 cr.	M	18:00-21:00
ITC 6001	INTRODUCTION TO BIG DATA	R	3 cr.	T	18:00-21:00
ITC 6002	EXPLORING AND ANALYZING DATA	R	3 cr.	W	18:00-21:00
ITC 6003	APPLIED MACHINE LEARNING	R	3 cr.	TH	18:00-21:00

WINTER 2017-18 (January 8 - April 19, 2018)

ITC 6107	STORING AND RETRIEVING DATA	R	3 cr.	M	18:00-21:00
ITC 6230	ADVANCED MACHINE LEARNING	R	3 cr.	T	18:00-21:00
ITC 6420	SAS PLATFORM FOR BUSINESS ANALYTICS	R	3 cr.	T	18:00-21:00
ITC 6008	SEARCH ENGINES AND WEB MINING	R	3 cr.	W	18:00-21:00
ITC 6009	MACHINE VISION IN DATA SCIENCE	R	3 cr.	TH	18:00-21:00

SPRING 2017-18 (April 23 - July 19, 2018)

ITC 6006	BIG DATA IN BUSINESS	R	3 cr.	M	18:00-21:00
ITC 6010	NATURAL LANGUAGE PROCESSING	R	3 cr.	T	18:00-21:00
ITC 6440	THESIS	R	3 cr.	–	–
ITC 6421	CAPSTONE	R	3 cr.	W	18:00-21:00
ITC 6005	SEMANTIC WEB	R	3 cr.	TH	18:00-21:00

* THESIS duration 2 terms or 26 weeks

R: Required

E: Elective