

**Master of Science in Information Technology
Study Plan (Fall Start)**

Total Credit Hours: **30**

The following is the study plan for a typical full-time MSc IT program student:

Semester 1				First Year				Semester 2			
Code	Title	Cr.	Prerequisite	Code	Title	Cr.	Prerequisite	Code	Title	Cr.	Prerequisite
ITE 501	Cloud Computing	3	CSC302-PC, CSC305-PC	ITE 510	Advanced Data Communication and Computer Networks	3	CSC305-PC	CSE 511	Advanced Ethical Hacking and Penetration Testing	3	CSC302-PC, CSC305-PC, CSC307-PC, CSC308-PC
ITE 503	Research Methods and Communications	3	Graduate status	ME	Major Elective	3	Graduate status				
ITE 515	Artificial Intelligence	3	Graduate status								
Semester 3				Second Year				Semester 4			
Code	Title	Cr.	Prerequisite	Code	Title	Cr.	Prerequisite	Code	Title	Cr.	Prerequisite
ITE 504	Advanced Big Data Analytics	3	CSC302-PC	ITE 591B	Master's Thesis in IT-Part 2	6	ITE591A				
ITE 591A	Master's Thesis in IT-Part 1	3	15 credits								

A typical study plan for a part-time MSc IT student is as follows:

Semester 1				First Year				Semester 2			
Code	Title	Cr.	Prerequisite	Code	Title	Cr.	Prerequisite	Code	Title	Cr.	Prerequisite
ITE 501	Cloud Computing	3	CSC302-PC, CSC305-PC	ITE 510	Advanced Data Communication and Computer Networks	3	CSC305-PC	CSE 511	Advanced Ethical Hacking and Penetration Testing	3	CSC302-PC, CSC305-PC, CSC307-PC, CSC308-PC
ITE 503	Research Methods and Communications	3	Graduate status								
Semester 3				Second Year				Semester 4			
Code	Title	Cr.	Prerequisite	Code	Title	Cr.	Prerequisite	Code	Title	Cr.	Prerequisite
ITE 515	Artificial Intelligence	3	Graduate status	ME	Major Elective	3	Graduate status	ITE 591A	Master's Thesis in IT-Part 1	3	15 credits
ITE 504	Advanced Big Data Analytics	3	CSC302-PC								
Semester 5				Third Year							
Code	Title	Cr.	Prerequisite								
ITE 591B	Master's Thesis in IT-Part 2	6	ITE591A								