

**Study Plan**  
**MA (M.Sc) in Intelligent Transportation Systems (Thesis Track )**  
**(33) Credit Hours**  
**Issued Oct 3/2017**

**Faculty Engineering.**

**Department: Civil Engineering**

**Compulsory Requirements: (18) Credit Hours**

Course No.	Course Title	Cr.H	Prerequisite
0817101	Fundamentals of ITS	3	
0817102	Road Traffic Flow and Control	3	
0817103	Traffic Modelling and Simulation	3	
0817201	ITS Architecture and Standards	3	
0817205	Analytical Techniques in Transportation Engineering	3	
0817104	Research Methodologies	3	

**Elective Requirements: (6) Credit Hours**

Course No.	Course Title	Cr.H	Prerequisite
0817105	(Advanced) Transportation Planning	3	
0817206	Communication Systems in ITS	3	
0817211	GIS Applications in ITS	3	
0817222	ICT for Transport	3	
0817223	Traffic Safety	3	
0817224	Special Topics	3	

**(Thesis)**

Course No.	Course Title	Cr.H	Prerequisite	Special Requirement
0817229	Thesis	9		Completing 21 Cr.H

**Faculty of: Engineering**

**Deanship of Graduate Studies and Scientific Research**

**Department of Admission and Registration**