



**Study Plan**  
**(M.Sc) of Intelligent Transportation Systems (ITS) - (Thesis Track)**  
**Credit Hours (33)**  
**2017/2018**

Faculty: Engineering

Department: Civil Engineering

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

Course No.	Course Title	Cr.H	Prerequisite
0867601	Fundamentals of ITS	3	---
0867602	Road Traffic Flow and Control	3	---
0867603	Traffic Modelling and Simulation	3	---
0867604	ITS Architecture and Standards	3	---
0867605	Analytical Techniques in Transportation Engineering	3	---
0867606	Research Methodologies	3	---

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

Course No.	Course Title	Cr.H	Prerequisite
0867607	Advanced Transportation Planning	3	---
0867201	Communication Systems in ITS	3	---
0867202	GIS Applications in ITS	3	---
0867101	ICT for Transport	3	---
0867608	Traffic Safety	3	---
0867609	Special Topics in ITS	3	---

**Thesis**

Course No.	Course Title	Cr.H	Prerequisite	Special Requirement
0867610	Thesis	9	---	Passing 21 Cr.H

Faculty of Engineering

Deanship of Graduate Studies and Scientific Research

Department of Admissions and Registration