

# Intelligent Transport Systems and Logistics, Master's programme

120 credits

Intelligent Transport Systems and Logistics,  
masterprogram

6MTSL

Valid from: 2016 Spring semester

**Determined by**  
Faculty Board of Institute of Technology

**Date determined**  
2015-01-16

## Introduction

For the complete komplett syllabus, also see "Tekniska högskolans studiehandbok":

[http://kdb-5.liu.se/liu/lith/studiehandboken/enutbplan.lasso?  
&up\\_year=2017&up\\_ladokkod=6MTSL](http://kdb-5.liu.se/liu/lith/studiehandboken/enutbplan.lasso?&up_year=2017&up_ladokkod=6MTSL)

## Entry requirements

## Degree requirements

### Degree in Swedish

Master of Science (120 credits) with a major in Transportation Systems Engineering

### Degree in English

Master of Science (two years) with a major in Transportation Systems Engineering

# Curriculum

## Semester 2 (Spring 2017)

Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 1</b>					
TNK095	Traffic Planning and Simulation	6	A1X	2	C
TNK099	Logistics Networks and Transports	6	A1X	3	C
TNK110	Mobile Communication and Networks	6*	A1X	1	C
TNK087	Data Communication and the Internet	6	A1X	4	E
<b>Period 2</b>					
TNK110	Mobile Communication and Networks	6*	A1X	4	C
TNK080	Wireless Communication Systems	6	A1X	1	E
TNK096	Traffic Demand Modelling	6	A1X	2	E
TNK100	Logistics Resource Planning	6	A1X	3	E

## Semester 3 (Autumn 2017)

Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 1</b>					
TEIO88	Project Management	6*	A1X	3	C
TNK106	Positioning Systems	6	A1X	2	C
TNK101	Traffic Engineering and Control	6	A1X	1	E
TNK104	Applied Optimization I	6	A1X	4	E
<b>Period 2</b>					
TEIO88	Project Management	6*	A1X	3	C
TNK103	Analysis of Communication and Transport Systems	6	A1X	1	C
TNK098	Planning of Public Transportation and Railway Traffic	6	A1X	4	E
TNK105	Applied Optimization II	6	A1X	3	E
TNK114	Logistics in Supply Chains	6	A1X	2	E
TNK115	Smart Cities	6	A1X	4	E

## Semester 4 (Spring 2018)

Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 1</b>					
TQXX30	Degree project - Master's Thesis	30*	A1X	-	C
<b>Period 2</b>					
TQXX30	Degree project - Master's Thesis	30*	A1X	-	C

ECV = Elective / Compulsory / Voluntary

\*The course is divided into several semesters and/or periods