

# Communication and Transportation Engineering, M Sc in Engineering

300 credits Civilingenjör i kommunikation, transport och samhälle 6CKTS Valid from:

Determined by Date determined

## Entry requirements

# Degree in Swedish

Civilingenjör 300 hp och Teknologie master 120 hp



# Curriculum

## Semester 8 (Spring 2017)

Course code	Course name	Credits	Level	Timetable module	ECV
Period 1					
TEIE54	Intellectual Property Rights	6	G1X	2	E
TEIO05	Basic Entrepreneurship and Idea Feasibility Analysis	6*	G2F	2	E
TNK087	Data Communication and the Internet	6	A1X	4	E
TNK095	Traffic Planning and Simulation	6	A1X	2	E
TNK099	Logistics Networks and Transports	6	A1X	3	E
TNKA08	Rhetoric	6	G1X	1	E
TSBK35	Audio and Image Compression	6	A1X	2	E
Period 2					
TEIO05	Basic Entrepreneurship and Idea Feasibility Analysis	6*	G2F	3	E
TNG016	Engineering Applications Using Matlab	6	A1X	4	E
TNK080	Wireless Communication Systems	6	A1X	1	E
ТNК096	Traffic Demand Modelling	6	A1X	2	E
TNK100	Logistics Resource Planning	6	A1X	3	E

#### Specialisation: Master Profile Data- and Telecommunication

Course code	Course name	Credits	Level	Timetable module	ECV
Period 1					
TNK087	Data Communication and the Internet	6	A1X	4	С
Period 2					
TNK080	Wireless Communication Systems	6	A1X	1	С



Course code	Course name	Credits	Level	Timetable module	ECV
Period 1					
TNK099	Logistics Networks and Transports	6	A1X	3	С
Period 2					
TNK100	Logistics Resource Planning	6	A1X	3	С

#### Specialisation: Master Profile Quantitative Logistics

#### Specialisation: Master Profile Traffic Informatics

Course code	Course name	Credits	Level	Timetable module	ECV
Period 1					
TNK095	Traffic Planning and Simulation	6	A1X	2	С
Period 2					
TNK096	Traffic Demand Modelling	6	A1X	2	С

## Semester 9 (Autumn 2017)

Course code	Course name	Credits	Level	Timetable module	ECV
Period 1					
TNK051	Planning of Air Traffic	6	A1X	3	E
TNK092	Network Simulation	6	A1X	3	E
TNK101	Traffic Engineering and Control	6	A1X	1	E
TNK104	Applied Optimization I	6	A1X	4	E
TNSL15	Logistics and Sustainable Development	6	G2X	2	Е
Period 2					
TNK103	Analysis of Communication and Transport Systems	6	A1X	1	С
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



Course code	Course name	Credits	Level	Timetable module	ECV
Period 1					
TNK092	Network Simulation	6	A1X	3	С
Period 2					
TNK103	Analysis of Communication and Transport Systems	6	A1X	1	С

#### Specialisation: Master Profile Data- and Telecommunication

Specialisation: Master	Profile	Quantitative	Logistics
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Course code	Course name	Credits	Level	Timetable module	ECV
Period 2					
TNK103	Analysis of Communication and Transport Systems	6	A1X	1	С

#### Specialisation: Master Profile Traffic Informatics

Course code	Course name	Credits	Level	Timetable module	ECV
Period 1					
TNK101	Traffic Engineering and Control	6	A1X	1	С
Period 2					
TNK103	Analysis of Communication and Transport Systems	6	A1X	1	С

### Semester 10 (Spring 2018)

Course code	Course name	Credits	Level	Timetable module	ECV
Period 1					
TQXX33	Degree project - Master's Thesis	30*	A1X	-	С
Period 2					
TQXX33	Degree project - Master's Thesis	30*	A1X	-	С

ECV = Elective / Compulsory /Voluntary

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

