

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
TNK096	Traffic Demand Modelling	6	A1X	2	E
TNK100	Logistics Resource Planning	6	A1X	3	E
<i>Specialisation: Master Profile Data- and Telecommunication</i>					
Course code	Course name	Credits	Level	Timetable module	ECV
Period 1					
TNK087	Data Communication and the Internet	6	A1X	4	C
Period 2					
TNK080	Wireless Communication Systems	6	A1X	1	C

Specialisation: Master Profile Quantitative Logistics

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

Specialisation: Master Profile Traffic Informatics

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

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	E
Period 2					
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

Specialisation: Master Profile Data- and Telecommunication

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

Specialisation: Master Profile Quantitative Logistics

Course code	Course name	Credits	Level	Timetable module	ECV
Period 2					
TNK103	Analysis of Communication and Transport Systems	6	A1X	1	C

Specialisation: Master Profile Traffic Informatics

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

Semester 10 (Spring 2018)

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

ECV = Elective / Compulsory / Voluntary

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