

# Civil Engineering - Road and Traffic Technology

## Study Year 1 (Mandatory Courses)

Course Code	Credits	Cycle	S.Ex. stud.	Language	Course Name	Footnote	Links	10/11 sp4
<a href="#">FAFA40</a>	8	G1	-	S	Physics		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	
<a href="#">VTVA15</a>	10	G1	X	S	Transports and Society		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	
<a href="#">FMA645</a>	13.5	G1	-	S	Calculus		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	
<a href="#">EDA602</a>	6	G1	-	S	Communication and Computer Tools		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	
<a href="#">FMIA01</a>	4	G1	-	S	Environmental Technology		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	
<a href="#">VTVA20</a>	8	G1	-	S	Road and Railway Engineering		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	1
<a href="#">VGM630</a>	6	G1	-	S	Introduction to Geomatics		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a>	1
<a href="#">FMA656</a>	4.5	G1	-	S	Mathematics, Linear Algebra		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	1

## Study Year 2 (Mandatory Courses)

Course Code	Credits	Cycle	S.Ex. stud.	Language	Course Name	Footnote	Links	10/11 sp4
<a href="#">VTVA30</a>	5	G1	-	S	Basic Statistics		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	
<a href="#">VTVF55</a>	7.5	G2	-	E2	Highway Maintenance		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	
<a href="#">VTVF60</a>	13	G2	-	S	Road Construction and Production Planning		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	
<a href="#">VFR601</a>	4.5	G1	-	S	Basic Agreement- and Contract Law	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a>	
<a href="#">VSMA10</a>	3	G1	-	S	Mechanics of Materials		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	
<a href="#">VVB061</a>	7.5	G2	-	S	Economics for Traffic and Highway Engineering		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	
<a href="#">VGMF05</a>	6	G2	-	S	Geodetic Surveying, Advanced Course		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a>	1
<a href="#">VGTA01</a>	6	G1	-	S	Engineering Geology and Soil Mechanics		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	1
<a href="#">VVB615</a>	7.5	G2	-	S	Road and Street Design		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	1

[VFR601](#) Basic Agreement- and Contract Law: *HT 2009 ges kursen endast för IBYV åk 2*

### Study Year 3 (Mandatory Courses)

Course Code	Credits	Cycle			Language		Course Name	Footnote	Links		10/11 sp4
		S.Ex. stud.									
<a href="#">VTTF05</a>	7.5	G2	-		E2		Traffic Engineering Theory: Accessibility, Level of service, Safety and Environment		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>		
<a href="#">VTVE10</a>	15	G2	-		S		Highway and Railway Design		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>		
<a href="#">VTTF10</a>	7.5	G2	X		E2		Effects of Traffic: Accessibility, Level of Service, Safety and Environment		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>		

## Elective Courses - IBYV

Course Code	Credits	Cycle			Language		Course Name	Footnote	Links		sp4
		Year	From year	S.Ex. stud.							
<a href="#">VTVE15</a>	7.5	G2	3	3	-	E2	Pavement Design and Construction		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>		
<a href="#">MAMF25</a>	7.5	G2	3	2	-	S	Working Environment, Trainee Course	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>		
<a href="#">VTTN10</a>	7.5	A	3	3	-	S	Public Transport		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>		1
<a href="#">MAMF25</a>	7.5	G2	3	2	-	S	Working Environment, Trainee Course	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>		1

[MAMF25](#) Working Environment, Trainee Course: *Kursstart två gångerlår (januari och maj)*

## Degree Projects - IBYV

The list contains the degree project courses that are included in the IBYV programme.

### Links

Course Code Credits

Course Name

VTT616 22.5 Degree Project Infrastructure [KS U](#)