

Civil Engineering - Railway Construction

Study Year 1, Academic Year 2020/21 (Mandatory Courses)

Course Code	Credits	Cycle	S.Ex. stud.	Language	Course Name	Footnote	Links	20/21	20/21	20/21	20/21
								sp1	sp2	sp3	sp4
FAFA40	8	G1	-	S	Physics		KS KE U T	1	2		
VTVA50	9	G1	-	S	Transports and Society		KS KE U W T	1	2		
EMAA50	13.5	G1	-	S	Calculus		KS KE U W T	1	2	3	
VBEA30	8	G1	-	S	Communication and Computer Tools	X	KS KE U W T	1	2	3	
FMIA01	4	G1	-	S	Environmental Technology		KS KE U W T			3	
VTVA45	7	G1	-	S	Road and Railway Engineering		KS KE U W T			3	4
VGMA05	6	G1	-	S	Geodetic Surveying		KS KE U W T				4

Course Code	Credits	Cycle	S.Ex. stud.	Language	Course Name	Footnote	Links					
							20/21 sp1	20/21 sp2	20/21 sp3	20/21 sp4		
EMAA55	4.5	G1	-	S	Mathematics, Linear Algebra		KS	KE	U	W	T	4

[VBEA30](#) Communication and Computer Tools: *Study period 1 includes a mandatory study strategy seminar.*

Study Year 2, Academic Year 2021/22 (Mandatory Courses)

Course Code	Credits	Cycle	S.Ex. stud.	Language	Course Name	Footnote	Links	21/22	21/22	21/22	21/22
								sp1	sp2	sp3	sp4
VTVA36	7.5	G1	-	S	Track and Permanent Way for Engineers	X	KS KE U W T	1			
EMSE32	7.5	G2	-	S	Mathematical Statistics		KS KE U W T	1	2		
VVBE15	7.5	G2	-	S	Interaction between Track and Vehicle-trackvehicle Technique	X	KS KE U W T		2		
VSMA11	7.5	G1	-	S	Structural Mechanics		KS KE U W T		2		
VVBE10	7.5	G2	-	S	Economics	X	KS KE U W T			3	
VTVE36	7.5	G2	-	S	Traffic Control, Signal and Telecommunication in Railway Traffic	X	KS KE U W T			3	
VTVE46	7.5	G2	-	S	Electric Power Systems in Railways	X	KS KE U W T				4

Course Code	Credits	Cycle	S.Ex. stud.	Language	Course Name	Footnote	Links			
							21/22 sp1	21/22 sp2	21/22 sp3	21/22 sp4
VGTA05	7.5	G1	-	S	Engineering Geology and Soil Mechanics	KS KE U W T				4

[VTVA36](#) Track and Permanent Way for Engineers: *The course will be held in Ängelholm*

[VVBF15](#) Interaction between Track and Vehicle-trackvehicle Technique: *The course will be held in Ängelholm*

[VVBF10](#) Economics: *The course will be held in Lund*

[VTVE36](#) Traffic Control, Signal and Telecommunication in Railway Traffic: *The course will be held in Ängelholm*

[VTVF46](#) Electric Power Systems in Railways: *The course will be held in Ängelholm*