

Master's programme in Water Resources Engineering

Study Year 1 (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
VVRF01	7.5	G2	X	E	Integrated Water Resources Management: International Aspects		KS KE U W T	1			
VVAN30	7.5	A	X	E	Urban Storm Water Management		KS KE U W T	1			
VTGN10	7.5	A	X	E	Groundwater Engineering		KS KE U W T		2		
VVAN25	7.5	A	X	E	Water and Wastewater Treatment	X	KS KE U W T		2		
VTGN05	7.5	A	X	E	Groundwater Modelling and Contaminant Transport		KS KE U W T			3	
VVRN35	7.5	A	X	E	Hydromechanics		KS KE U W T			3	4

[VVAN25](#) Water and Wastewater Treatment: *The date and time of the exam is announced by the course lecturer*

Elective Courses - MWLU

Course Code	Credits	Cycle	Year	From year	S.Ex. stud.	Language	Course Name	Footnote	Links	Links			
										sp1	sp2	sp3	sp4
VVAN20	7.5	A	1	1	X	E	Advanced Wastewater Treatment		KS KE U W T			3	4
VVRN20	7.5	A	1	1	X	E	Water, Society and Climate Change		KS KE U W T				4
VTGN16	15	A	2	2	-	E1	Advanced Course in Engineering Geology	X	KS KE U W T	1			
VVRN16	15	A	2	2	-	E1	Advanced course in Water Resouces Engineering	X	KS KE U W T	1			
VVRN40	7.5	A	2	1	X	E	Environmental Hydraulics		KS KE U W T	1			
VVAN10	7.5	A	2	2	-	E1	Project Course Part I	X	KS KE U T	1			
VVAN15	7.5	A	2	2	-	E1	Project Course Part II	X	KS KE U T	1			

Course Code	Credits	Cycle	Year	From year	S.Ex. stud.	Language	Course Name	Footnote	Links				
										sp1	sp2	sp3	sp4
VVRN10	7.5	A	2	1	X	E	Rainfall Runoff Modelling		KS KE U W T	1			
VSMN25	7.5	A	2	2	X	E1	The Finite Element Method - Flow Analysis		KS KE U W T	1			
VTGN16	15	A	2	2	-	E1	Advanced Course in Engineering Geology	X	KS KE U W T		2		
VVRN16	15	A	2	2	-	E1	Advanced course in Water Resouces Engineering	X	KS KE U W T		2		
VVRN30	7.5	A	2	2	X	E	Coastal Hydraulics		KS KE U W T		2		
VVRN25	7.5	A	2	1	X	E	Pipe System Engineering and Hydraulics		KS KE U W T		2		
VVAN10	7.5	A	2	2	-	E1	Project Course Part I	X	KS KE U T		2		

Course Code	Credits	Cycle	Year	From year	S.Ex. stud.	Language	Course Name	Footnote	Links	sp1 sp2 sp3 sp4			
VVAN15	7.5	A	2	2	-	E1	Project Course Part II	X	KS KE U T			2	
VTGN16	15	A	2	2	-	E1	Advanced Course in Engineering Geology	X	KS KE U W T				3
VVRN16	15	A	2	2	-	E1	Advanced course in Water Resouces Engineering	X	KS KE U W T				3
VVAN10	7.5	A	2	2	-	E1	Project Course Part I	X	KS KE U T				3
VVAN15	7.5	A	2	2	-	E1	Project Course Part II	X	KS KE U T				3
VTGN16	15	A	2	2	-	E1	Advanced Course in Engineering Geology	X	KS KE U W T				4
VVRN16	15	A	2	2	-	E1	Advanced course in Water Resouces Engineering	X	KS KE U W T				4

Course Code	Credits	Cycle		From year	S.Ex. stud.	Language	Course Name	Footnote	Links					
		Year							sp1	sp2	sp3	sp4		
EXTG75	7.5	G2	2	1	X	E	GIS for Built and Natural Environments		KS	KE	U	W	T	4
VVAN10	7.5	A	2	2	-	E1	Project Course Part I	X	KS	KE	U	T		4
VVAN15	7.5	A	2	2	-	E1	Project Course Part II	X	KS	KE	U	T		4

[VTGN16](#) Advanced Course in Engineering Geology: *The course is not linked to a specific study period. The data on hours (time table) implies that the course is over one study period. An individual plan should be drawn up and approved.*

[VVRN16](#) Advanced course in Water Resources Engineering: *The course is not linked to a specific study period. The data on hours (time table) implies that the course is over one study period. Course registration is done via department giving the course. An individual plan should be drawn up and approved.*

[VVAN10](#) Project Course Part I: *The course is not linked to a specific study period. The data on hours (time table) implies that the course is over one study period. Individual study plan should be drawn up and approved.*

[VVAN15](#) Project Course Part II: *The course is not linked to a specific study period. The data on hours (time table) implies that the course is over one study period. Individual study plan should be drawn up and approved.*

Degree Projects - MWLU

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

Links

Course Code	Credits	Course Name	Links
VTGM01	30	Degree Project in Engineering Geology	KS KE U
VVAM01	30	Degree Project in Water and Environmental Engineering	KS KE U W
VVRM01	30	Degree Project in Water Resources Engineering	KS KE U

[VTGM01](#) Degree Project in Engineering Geology: *The course is given in English*