CLASS SCHEDULE, CREDIT, AND EXAM SCHEDULE
Water Operational Engineering Programme
Effective starting with the 2026–2027 school year, on a phased-in basis.
For students enrolled in full-time programs on a day schedule

Subject code	Subject type	Subject	félév/szemeszter																																				Total						ORGANIZATIONAL UNIT RESPONSIBLE FOR THE SUBJECT	PERSON RESPONSIBLE FOR THE SUBJECT		
			1.						2.						3.						4.						5.						6.															
			Theory		Practice				Theory		Practice				Theory		Practice				Theory		Practice				Theory		Practice				Theory		Practice				Theory		Practice							
			weekly class	midterm class	weekly class	midterm class	Credits	assessment	weekly class	midterm class	weekly class	midterm class	Credits	assessment	weekly class	midterm class	weekly class	midterm class	Credits	assessment	weekly class	midterm class	weekly class	midterm class	Credits	assessment	weekly class	midterm class	weekly class	midterm class	Credits	assessment	weekly class	midterm class	weekly class	midterm class	Credits	assessment	weekly class	midterm class	weekly class	midterm class	Credits	theory + practice: total number of class hours				
		Core subjects																																														
VTVMA01	K	Basic knowledge of water management	2	24	1	12	2	GYJ																															2	24	1	12	2	3	TVGT	Engi Zsuzsanna	2	2
VTVMA02	K	Physics for Civil Engineers							1	12	2	24	2	ÉK																									1	12	2	24	2	3	VKBT	Hetesi Zsolt	2	
VTVMA03	K	Mechanics 1.							2	24	3	36	5	K																									2	24	3	36	5	5	VÉPT	Schüszler Péter	5	
VTVMA05	K	Mathematics 1.	2	24	3	36	5	K																															2	24	3	36	5	5	VÉPT	Fekete Árpád	5	
VTVMA07	K	Engineering chemistry	2	24	2	24	4	GYJ																															2	24	2	24	4	4	VKBT	Cimer Zsolt	4	
VTVMA08	K	Water chemistry							2	24	1	12	3	K																									2	24	1	12	3	3	VKBT	Cimer Zsolt	3	
VTVMA09	K	Hydrobiology							2	24	1	12	3	ÉÉ																									2	24	1	12	3	3	VKT	Vadkerti Edit	3	
VTVMA10	K	Mikrobiology and biotechnology													2	24	2	24	3	ÉÉ																			2	24	2	24	3	4	VKT	Knisz Judit	3	
VTVMA11	K	Applied ecology																									2	24			2	ÉK							2	24			2	2	VKT	Vadkerti Edit	2	
VTVMA12	K	Communication studies			2	24	2	GYJ																																	2	24	2	2	VKPT	Fülöp Sándor	2	29
VTVMA13	K	Water and environment right							2	24			2	GYJ																									2	24			2	2	VKPT	Fülöp Sándor	2	
VTVMA14	K	Quality knowledge							2	24			2	GYJ																									2	24			2	2	VKBT	Berger Ádám	2	
VTVMA15	K	Logistics	1	12	1	12	2	GYJ																															1	12	1	12	2	2	VKBT	Tóth László	2	
VTVMA16	K	European Union and Equal Opportunities	2	24			2	GYJ																															2	24			2	2	VKBT	Balatonyi László	2	
VTVMA17	K	Enterprise management and economy																											2	24	2	GYJ									2	24	2	2	VKBT	Tóth László	2	
VTVMA18	K	Projectmanagement																															1	12	2	24	2	GYJ	1	12	2	24	2	3	VKBT	Balatonyi László	2	
VTVMA19	K	Economics, Finance and Accounting	2	24	1	12	2	GYJ																															2	24	1	12	2	3	VKBT	Tóth László	2	14
VTVMA20	K	Informatics 1.			2	24	2	GYJ																																	2	24	2	2	VCST	Orgoványi Péter	2	
VTVMA21	K	Informatics 2.									2	24	2	GYJ																											2	24	2	2	VCST	Orgoványi Péter	2	
VTVMA23	K	Hydroinformatics and database management																					3	36	3	GYJ															3	36	3	3	TVGT	Liptay Zoltán Árpád	3	
VTVMA24	K	Geotechnika 1. - Talajmechanika													2	24	3	36	5	K																			2	24	3	36	5	5	VÉPT	Pap Miklós	5	12
VTVMA25	K	Geotechnics 1. - Soil mechanics							3	36			3	K																									3	36			3	3	TVGT	Kovács Péter	3	3
VTVMA26	K	Geotechnics 2. - Earthworks																			2	24	1	12	3	GYJ													2	24	1	12	3	3	VÉPT	Pap Miklós	3	
VTVMA27	K	Pedology and agricultural management																									2	24	1	12	3	GYJ							2	24	1	12	3	3	VKBT	Hetesi Zsolt	3	
VTVMA28	K	Geodesy 1.	1	12	3	36	4	K																															1	12	3	36	4	4	VÉPT	Kutassy Emese	4	
VTVMA31	K	Engineering Drawing	1	12	2	24	2	GYJ																															1	12	2	24	2	3	VÉPT	Lepsényi Ákos	2	
VTVMA34	K	Hydraulics 1.													2	24	2	24	4	GYJ																			2	24	2	24	4	4	TVGT	Keve Gábor	4	
VTVMA35	K	Hydraulics 2.																			2	24	3	36	5	K													2	24	3	36	5	5	TVGT	Keve Gábor	5	
VTVMA36	K	Equipment in water treatment													1	12	2	24	2	GYJ																			1	12	2	24	2	3	VCST	Papp Tamás	2	
VTVMA37	K	Hydrology 1.													2	24	2	24	4	ÉK																			2	24	2	24	4	4	TVGT	Tamás Enikő Anna	4	
VTVMA38	K	Hydrology 2.																			2	24	2	24	4	K													2	24	2	24	4	4	TVGT	Tamás Enikő Anna	4	
VTVMA40	K	Protection against environmental hazards and disasters																																	3	36	2	GYJ			3	36	2	3	VKBT	Cimer Zsolt	2	
VTVMA41	K	Hydrometry field training																					4	48	3	GYJ															4	48	3	4	TVGT	Koch Dániel	3	
VTVMA44	K	Energy Management																															1	12	1	12	2	GYJ	1	12	1	12	2	2	VKBT	Hetesi Zsolt	2	
VTVMA45	K	Security techniques, labour and fire safety	1	12	1	12	2	GYJ																															1	12	1	12	2	2	VKBT	Cimer Zsolt	2	
VTVMA59	K	Flood protection and river management field training																					4	48	3	GYJ															4	48	3	4	TVGT	Koch Dániel	3	
VTVMA62	K	Wastewater treatment																			4	48	2	24	6	K													4	48	2	24	6	6	VCST	Karches Tamás	6	
VTVMA63	K	Water acquisition-water treatment																									3	36	1	12	4	K							3	36	1	12	4	4	VCST	Goda Zoltán	4	
VTVMA66	K	Measurement technology and monitoring							2	24	2	24	3	K																									2	24	2	24	3	4	VKBT	Cimer Zsolt	3	56
VTVMA79	K	Probability and Statistics							2	24	2	24	4	K																									2	24	2	24	4	4	VÉPT	Bényi Beáta	4	4
VTVMA80	K	Geoinformatics and remote sensing													1	12	2	24	3	GYJ																			1	12	2	24	3	3	VÉPT	Kutassy Emese	3	
VTVMA81	K	Building structures and materials in water management practice (with corrosion protection)													1	12	2	24	3	K																			1	12	2	24	3	3	VÉPT	Horáth Mirjana	3	
VTVMA82	K	Operation and reconstruction of water management facilities																									1	12	2	24	3	GYJ							1	12	2	24	3	3	TVGT	Ficsor Johanna	3	
VTVMA83	K	Water technology processes control																									2	24	1	12	3	ÉK							2	24	1	12	3	3	VCST	Karches Tamás	3	
VTVMA84	K	Water management and water utilization																															3	36	3	36	6	K	3	36	3	36	6	6	TVGT	Bíró Tibor	6	
VTVMA85	K	Protection, management and reconstruction of wetlands																															1	12	2	24	2	GYJ	1	12	2	24	2	3	TVGT	Tamás Enikő Anna	2	20
		TOTAL CORE SUBJECTS	14	168	18	216	29	x	18	216	13	156	29	x	11	132	15	180	24	x	10	120	19	228	27	x	10	120	7	84	17	x	6	72	11	132	14	x	69	828	83	996	**140**	152				
		Non-credit subjests																																														
VTVMA46	KR	Physical Education 1.			2	24	x	A					x						x						x						x						x				2	24	x	2	VKBT	Freyer Tamás		
VTVMA47	KR	Physical Education 2.					x				2	24	x	A					x						x						x						x				2	24	x	2	VKBT	Freyer Tamás		
VTVMA48	KR	Introduction to Mathematics			2	24	x	A					x						x						x						x						x				2	24	x	2	VÉPT	Fekete Árpád		
VTVMA49	KR	Introduction to Physics			2	24	x	A					x						x						x						x						x				2	24	x	2	VKBT	Hetesi Zsolt		
VTVMA51	KR	Defense and disaster protection					x						x						x						x		1	12			x	A					x		1	12			x	1	VKBT	Cimer Zsolt		
		Total non-credit subjects	0	0	6	72	x	x	0	0	2	24	x	x	0	0	0	0	x	x	0	0	0	0	x	x	1	12	0	0	x	x	0	0	0	0	x	x	1	12	8	96	x	9				
		Subject of the Thesis/Dissertation																																														
VTVMA52	KV	Thesis 1.																									1	12	1	12	3	GYJ							1	12	1	12	3	2	VCST	Knisz Judit		
VTVMA53	KV	Thesis 2.																															1	12	1	12	12	GYJ	1	12	1	12	12	2	VCST	Knisz Judit		
		Total subjects of the Thesis/Dissertation	0	0	0	0	0	x	0	0	0	0	0	x	0	0	0	0	0	x	0	0	0	0	0	x	1	12	1	12	3	x	1	12	1	12	12	x	2	24	2	24	15	4				
		ALL CLASSES ON THE SCHEDULE	14	168	24	288	29	x	18	216	15	180	29	x	11	132	15	180	24	x	10	120	19	228	27	x	12	144	8	96	20	x	7	84	12	144	26	x	**72**	**864**	**93**	**###**	**155**	**165**				
		TOTAL ASSESMENTS																																														
		Signature (A)						3						1																		1												5				
		Report (B)																																														
		Midterm Evaluation (ÉÉ)												1						1																								2				
		Midterm Evaluation or Exam (ÉK)												1						1												2												4				
		Midterm Evaluation (((final exam subject((ÉÉ(Z)))																																														
		Practical Grade (GYJ)						9						3						3						4						4						5						28				
		Practical Grade (((final exam subject((GYJ(Z)))																																														
		Exam (K)						2						5						2						3						1						1						14				
		Exam (((final exam subject((K(Z)))																																														
		Basic Exam (AV)																																														
		Complex exam (KV)																																														
		Comprehensive exam (SZG)																																														
		Final exam subject (ZV)																																														
		TOTAL ASSESMENTS EACH SEMESTER:						14						11						7						7						8						6						53				

	előírás	jelenlegi	új
Természettudományi is	34 - 43	35	36
gazdasági és humán is	12 - 26	16	14
zemeltetési mérnöki sz	60 - 90	78	90
szakdolgozat	15	15	15
SZV	min. 9	9	9
specializáció	max 40	27	16
összesen	180	180	180