

Module	Unit CRAE	Coef unit CRAE	Unit CROSTH	Coef unit CROSTH	Unit title	Teacher	Course hours CRAE	Course hours CROSTH	ECTS per semester				
									120				
									S1	S2	S3	S4	
MTC6							52	52	5				
	MTC6.1	-	MTC6.1	-	Principles in Conservation - preparatory work	TSC	12	12					
	MTC6.2	-	MTC6.2	-	Principles in Conservation - course	TSC	32	32					
	MTC6.3	1.0	MTC6.3	1.0	Principles in Conservation - final assessment	TSC	8	8					
MTC9							72	60	5				
	MTC9.1-AE	0.4	MTC9.1-STH	0.1	Glasses	HDE	24	8					
	MTC9.2-AE	0.3	MTC9.2-STH	0.3	Organic materials - plant fibers	Goron	16	16					
	MTC9.2-AE				Mosaics	Chantriaux	8						
			MTC9.4-STH	0.2	Horology history and styles / Functional description of mechanisms	TSC		12					
	MTC9.3-AE	0.3	MTC9.3-STH	0.4	"Object as document" Humanities and Objects' investigation	RBE, unine	24	24					
MWP6							72	95	5				
	MWP6.1-AE	1.0			Glasses 1	HDE	72						
			MWP6.1-STH	1.0	Technical and scientific objects 3	GRA		40					
						TSC		32					
						Expert à déf.		23					
MWP7							74	76	5				
	MWP7.1-AE	1.0			Glasses 2	HDE	54						
			MWP7.1-STH	1.0	Technical and scientific objects 4	GRA		24					
						Sauter		24					
						Braekman		8					
	MWP7.2-AE		MWP7.2-STH		Enzymes	Cremonesi	20	20					
MWP8							112	88	5				
	MWP8.1-AE	1.0			Organic materials - plant fibers 1	Goron (avec RBE 8h)	84						
			MWP8.1-STH	0.7	Technical and scientific objects 5	Cuendet	28						
						GRA		48					
						RJE		8					
						RBE		8					
						M.zu Bargholz		24					
MWP9							100	76	5				
	MWP9.1-AE	0.3	MWP9.1-STH	0.4	Introduction to electrochemical treatments in conservation	CDE	32	32					
	MWP9.2-AE	0.2	MWP9.2-STH	0.3	Complexing agents in CR	RBE	20	20					
	MWP9.2-AE				Complexing agents in CR - tests	à déf.	4-8	4-8					
	MWP9.3-AE	0.2	MWP9.3-STH	0.2	Polymers	Rouzet	8	8					
					Preservation of painted layers	ANG	8	8					
	MWP9.4-AE	0.2			Conservation on site	Tissier	16						
	MWP9.5-AE	0.2			Stone, mortar, mural painting, rock art 1	Guyot	16						
			MWP9.4-STH	0.1	Introduction to tribology in CR	TSC		8					
MTC5							38	60	5				
	MTC5.1-AE	0.8	MTC5.1-STH	0.3	Metals and alloys	VBO	20	20					
	MTC5.2-AE	0.1			Metals and alloys	JSC	2	2					
					Mineral fibers identification	Rast	4						
					Numismatic	Frey	4						
			MTC5.2-STH	0.5	Horological / electrical objects	TSC		30					
	MTC5.3-AE	0.1	MTC5.3-STH	0.2	Modern alloys	CDE	8	8					
MTC7							48	48	5				
	MTC7.1	0.4	MTC7.1	0.4	Scientific analysis in conservation	CDE	24	24					
	MTC7.2	0.3	MTC7.2	0.3	Microscopy	CDE	8	8					
					Microscopy	Scherrer	8	8					
	MTC7.3	0.3	MTC7.3	0.3	Crystallography / metallography	CDE	8	8					
MTC8							52	52	5				
	MTC8.1	-	MTC8.1	-	Developing and Evaluating Treatment Interventions: Cleaning - preparatory work	EJO	12	12					
	MTC8.2	1.0	MTC8.2	1.0	Developing and Evaluating Treatment Interventions: Cleaning	EJO	32	32					
	MTC8.3	-	MTC8.3	-	Developing and Evaluating Treatment Interventions: Cleaning - final assessment	EJO	8	8					
MTH1							12	12	5				
	MTH1	1.0	MTH1	1.0	Master's thesis 1	RBE / VBO / TSC	12	12					
MWP4							178	168	5				
	MWP4.1-AE	0.9	MWP4.1-STH	0.1	Metals and alloys 1	VBO	126	12					
						RJE/VBO	6	6					
						CDE/VBO	6	6					
						RBE	16	0					
	MWP4.2-AE	0.1	MWP4.2-STH	0.1	Hammering	a Marca	8	8					
					Testing mechanical properties for heritage materials and restoration products	Wei	16	16					
			MWP4.3-STH	0.8	Horology 1	TSC		104					
						RBE		8					
						TSC / GRA / RBE		8					
MWP5							150	144	5				
	MWP5.1-AE	1.0	MWP5.1-STH	0.1	Metals and alloys 2	VBO	150	8					
			MWP5.3-STH	0.7	Horology 2	TSC		82					
						Fontaine		24					
			MWP5.4-STH	0.2	Electrical objects	GRA		30					
	MWP5.2-AE	-	MWP5.2-STH	-	External Workshop	-	0	0					

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MTC1												
Theory of conservation-restoration 1							52	36			5	
	MTC1.1-AE	0.5			Ceramics	HDE	24					
	MTC1.2-AE	0.4	MTC1.2-STH	0.7	Organic materials - animal fibers	Alembik	20	20				
	MTC1.3-AE	0.1	MTC1.3-STH	0.1	Naturalia	Cuisin	8	8				
			MTC1.1-STH	0.2	Conservation of objects used in public transport	Meyer zu Bargholz		8				
MTC2												
Theory of conservation-restoration 2 - Common course							52	52			5	
	MTC2.1	-	MTC2.1	-	Research skills for conservation-restoration - preparatory work	CDE	12	12				
	MTC2.2	1.0	MTC2.2	1.0	Research skills for conservation-restoration	CDE	32	32				
	MTC2.3	-	MTC2.3	-	Research skills for conservation-restoration - final assessment	CDE	8	8				
MTC3												
Theory of conservation-restoration 3							32	56			5	
	MTC3.1-AE	0.4			Society, objects and collections	AGM	24					
			MTC3.1-STH	0.6	History of sciences and techniques	JBO		48				
	MTC3.3-AE	0.1	MTC3.3-STH	0.1	Conservation issues in Museum exhibitions: from showcases design to installation of objects	Vasquez J.	8	8				
MWP1												
Conservation-restoration workshop 1							136	124			5	
	MWP1.1-AE	1.0			Ceramics 1	HDE	128					
			MWP1.1-STH	1.0	Technical and scientific objects 1	RBE	8					
						GRA		84				
						TSC		32				
						RBE		8				
MWP2												
Conservation-restoration workshop 2							104	104			5	
	MWP2.1-AE	0.4			Ceramics 2	HDE	40					
	MWP2.2-AE	0.4	MWP2.2-STH	0.5	Colour and retouching	ANG	40	40				
			MWP2.1-STH	0.2	Infography	HDE		16				
			MWP2.3-STH	0.3	Conservation and restoration in geosciences	RJE		24				
	MWP2.3-AE	0.2				Becker	24	24				
MWP3												
Conservation-restoration workshop 3							116	116			5	
	MWP3.1-AE	0.9			Organic materials - animal fibers	Alembik	60					
						Bonnot-Diconne	40					
			MWP3.1-STH	0.9	Technical and scientific objects 2	GRA		68				
						Fritschi		24				
						TSC		8				
	MWP3.2-STH	0.1	MWP3.2-STH	0.1	Microanalysis - materials characterisation	EJO	16	16				
MTC4												
Theory of conservation-restoration 4 - Common course							52	52			5	
	MTC4.1	-	MTC4.1	-	Managing Conservation-Restoration Projects - preparatory work	RBE	8	8				
	MTC4.2	-	MTC4.2	-	Managing Conservation-Restoration Projects - course	RBE	32	32				
	MTC4.3	1.0	MTC4.3	1.0	Managing Conservation-Restoration Projects - final assessment	RBE	12	12				
MTH2												
Master's thesis 2							0	0			25	
	MTH2	1.0	Thesis	1.0		RBE, HDE, VBO, TSC, CDE	0	0				

CRAE : archaeological and ethnological objects

CROSTH : scientific, technical and horological objects

1 course hour = 60 minutes, 5 ECTS = about 150 Student Working Hours

All courses but the scientific platform (MWPx- PFS) are evaluated on a regular basis (written or oral examinations, written documentations, exercises and laboratories or presence)