

							ECTS per semester					
							120					
							30	30	30	30		
Module	Unit CRAE	Coef unit CRAE	Unit CROSTH	Coef unit CROSTH	Unit title	Teacher	Course hours CRAE	Course hours CROSTH	ECTS S1	ECTS S2	ECTS S3	ECTS S4
MTC1							52	36	5			
	MTC1.1-AE	0.5			Ceramics	HDE	24					
	MTC1.2-AE	0.5	MTC1.2-STH	1.0	Organic materials - animal fibers	CAL	20	20				
	MTC1.3-AE	0.0	MTC1.3-STH	0.0	Naturalia	Cuisin	8	8				
			MTC1.1-STH	0.0	Conservation of objects used in public transport	Meyer zu Bargholz		8				
MTC2							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							56	80	5			
	MTC3.1-AE	0.5			Society, objects and collections	AGM	24					
			MTC3.1-STH	0.7	History of sciences and techniques	JBO		48				
	MTC3.2-AE	0.5	MTC3.2-STH	0.3	"Object as document" Humanities and Objects' investigation.	RBE, unine	24	24				
	MTC3.3-AE	0.0	MTC3.3-STH	0.0	Conservation issues in Museum exhibitions: from showcases design to installation of objects	Vasquez J.	8	8				
MWP1							136	124	5			
	MWP1.1-AE	1.0			Ceramics 1	Fiol (HDE)	112					
						HDE	16					
			MWP1.1-STH	1.0	Technical and scientific objects 1	RBE	8					
						GRA		84				
						TSC		32				
						RBE		8				
MWP2							104	104	5			
	MWP2.1-AE	0.5			Ceramics 2	Fiol (HDE)	40					
	MWP2.2-AE	0.5	MWP2.2-STH	0.7	Colour and retouching	ANG	40	40				
						ANG (HDE)		16				
			MWP2.1-STH	0.3	Infography	RJE		24				
	MWP2.3-AE	0.0	MWP2.3-STH	0.0	Conservation and restoration in geosciences	Jurassica	24	24				
MWP3							116	116	5			
	MWP3.1-AE	0.9			Organic materials - animal fibers	CAL	60					
						Bonnot-Diconne	40					
			MWP3.1-STH	0.9	Technical and scientific objects 2	GRA		92				
						TSC		8				
	MWP3.2-AE	0.1	MWP3.2-STH	0.1	Microanalysis - materials characterisation	EJO	16	16				
MTC4							52	52	5			
	MTC4.1	-	MTC4.1	-	Managing Conservation-Restoration Projects - preparatory work	James	8	8				
	MTC4.2	1.0	MTC4.2	1.0	Managing Conservation-Restoration Projects	James	32	32				
	MTC4.3	-	MTC4.3	-	Managing Conservation-Restoration Projects - final assessment	James	12	12				
MTC5							38	60	5			
	MTC5.1-AE	0.8	MTC5.1-STH	0.4	Metals and alloys	VBO	20	20				
					Metals and alloys	JSC	2	2				
					Mineral fibers identification	Rast	4					
					Numismatic	Frey	4					
	MTC5.2-AE	0.2	MTC5.2-STH	0.1	Modern alloys	CDE	8	8				
			MTC5.3-STH	0.5	Horological / electrical objects	TSC		30				
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				
MTH1							12	12	5			
	MTH1	1.0	MTH1	1.0	Master's thesis 1	RBE / VBO / TSC	12	12				
MWP4							180	162	5			
	MWP4.1-AE	1.0	MWP4.1-STH	-	Metals and alloys 1	VBO	126	12				
						RJE	6	6				
						CDE	16					
						RBE	16					
						VBO/CDE/RBE	8					
	MWP4.2-AE	-	MWP4.2-STH	-	Hammering	a Marca	8	8				
			MWP4.3-STH	1.0	Horology 1	TSC		104				
						à déf.		24				
						RBE		8				
MWP5							144	160	5			
	MWP5.1-AE	1.0			Metals and alloys 2	VBO	144					
			MWP5.1-STH	0.8	Horology 2	TSC		82				
						Fontaine		48				
			MWP5.2-STH	0.2	Electrical objects	GRA	0	30				

Plan d'études 2023-2025
Master of Arts HES-SO in Conservation-Restoration
120 ECTS

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Module	Unit CRAE	Coef unit CRAE	Unit CROSTH	Coef unit CROSTH	Unit title	Teacher	Course	Course	ECTS S1	ECTS S2	ECTS S3	ECTS S4
							hours CRAE	hours CROSTH				
MTC6							52	52	5			
	MTC6.1	-	MTC6.1	-	Principles to Practice: The Role of the Conservator-Restorer - preparatory work	TSC	12	12				
	MTC6.2	-	MTC6.2	-	Principles to Practice: The Role of the Conservator-Restorer - course	TSC	32	32				
	MTC6.3	1.0	MTC6.3	1.0	Principles to Practice: The Role of the Conservator-Restorer - final assessment	TSC	8	8				
MTC9							48	36	5			
	MTC9.1-AE	0.7	MTC9.1-STH	0.2	Glasses and mosaics	HDE (24h), Chantriaux (8h)	32	8				
	MTC9.2-AE	0.3	MTC9.2-STH	0.4	Organic materials - plant fibers Horology history and styles / Functional description of mechanisms	Goron	16	16				
			MTC9.4-STH	0.4		TSC	12	12				
MWP6							72	94	5			
	MWP6.1-AE	1.0			Glasses 1	HDE	72					
			MWP6.1-STH	1.0	Technical and scientific objects 3	GRA TSC Expert à déf.		40 32 22				
MWP7							74	84	5			
	MWP7.1-AE	1.0			Glasses 2	HDE	54					
			MWP7.1-STH	1.0	Technical and scientific objects 4	GRA Sauter Braekman Cremonesi		24 24 16 20				
	MWP7.2	-	MWP7.2	-	Enzymes		20	20				
MWP8							112	88	5			
	MWP8.1-AE	1.0			Organic materials - plant fibers 1	Goron (avec RBE 8h)	84					
			MWP8.1-STH	1.0	Technical and scientific objects 5	Cuendet GRA RJE RBE Meyer zu Bargholz	28	48 8 8 24				
MWP9							100	76	5			
	MWP9.1	0.3	MWP9.1	0.4	Introduction to electrochemical treatments in conservation	CDE	32	32				
	MWP9.2	0.2	MWP9.2	0.3	Complexing agents in CR	RBE	20	20				
	MWP9.3	0.2	MWP9.3	0.2	Complexing agents in CR - tests	à déf.	4-8	4-8				
	MWP9.4-AE	0.2			Polymers	Rouzet	8	8				
					Preservation of painted layers	ANG	8	8				
	MWP9.5-AE	0.1			Conservation on site	Tissier	16					
			MWP9.5-STH	0.1	Stone, mortar, mural painting, rock art 1	Guyot	16					
			MWP9.4-STH	0.1	Introduction to tribology in CR	TSC		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				
MTH2							0	0	25			
	MTH2	1.0	Thesis	1.0	Master's thesis 2	RJE, RBE, 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)