

Plan d'études 2021-2023
Master of Arts HES-SO in Conservation-Restoration
120 ECTS

Haute Ecole Arc
Conservation-restauration
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Module	Unit CRAE	Coef unit CRAE	Unit CROSTH	Coef unit CROSTH	Unit title	Teacher	Course hours CRAE	Course hours CROSTH	ECTS per semester				
									120				
									ECTS S1	ECTS S2	ECTS S3	ECTS S4	
MTC1									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									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	0.4			Society, objects and collections	AGM	24						
			MTC3.1-STH	0.6	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	0.1	MTC3.3-STH	0.1	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	HDE	128						
			MWP1.1-STH	1.0	Technical and scientific objects 1	RBE GRA TSC RBE	8 84 32 8						
MWP2									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 RJE		16 24					
	MWP2.3-AE	0.2	MWP2.3-STH	0.3	Conservation and restoration in geosciences	Becker	24	24					
MWP3									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 Fritschi TSC		68 24 8					
	MWP3.2-STH	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	RBE	8	8					
	MTC4.2	1.0	MTC4.2	1.0	Managing Conservation-Restoration Projects	RBE	32	32					
	MTC4.3	-	MTC4.3	-	Managing Conservation-Restoration Projects - final assessment	RBE	12	12					
MTC5									38	60	5		
	MTC5.1-AE	0.8	MTC5.1-STH	0.3	Metals and alloys	VBO	20	20					
					Metals and alloys	JSC	2	2					
	MTC5.2-AE	0.1			Mineral fibers identification	Rast	4						
	MTC5.3-AE	0.1			Numismatic	Frey	4						
			MTC5.2-STH	0.5	Horological / electrical objects	TSC		30					
			MTC5.3-STH	0.2	Modern alloys	CDE	8	8					
MTC7									47	47	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					
	MTC7.2		MTC7.2		Microscopy	Scherrer	7	7					
	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	0.9	MWP4.1-STH		Metals and alloys 1	VBO RJE CDE RBE	126 6 16 16	12 6 6					
						VBO/CDE/RBE	8						
	MWP4.2-AE	0.1	MWP4.2-STH	0.1	Hammering	a Marca	8	8					
			MWP4.3-STH	0.9	Horology 1	TSC à déf. RBE		104 24 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 à déf.		82 24					
			MWP5.4-STH	0.2	Electrical objects	GRA	0	30					

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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	0.5	MTC9.1-STH	0.2	Glasses	HDE	24	8				
	MTC9.2-AE	0.5	MTC9.2-STH	0.4	Organic materials - plant fibers	Goron	16	16				
			MTC9.4-STH	0.4	Mosaics Horology history and styles / Functional description of mechanisms	Chantriaux TSC	8	12				
MWP6							72	95	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 23				
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		24 24 16				
	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 GRA RJE RBE Meyer zu Bargholz	28	48 8 8 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				
	MWP9.3-AE	0.2	MWP9.3-STH	0.2	Complexing agents in CR - tests Polymers	à déf. Rouzet	4-8 8	4-8 8				
	MWP9.4-AE	0.2			Preservation of painted layers Conservation on site	ANG Tissier	8 16	8				
	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				
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		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)