

Plan d'études 2022-2024
Master of Arts HES-SO in Conservation-Restoration
120 ECTS

Haute Ecole Arc
Conservation-restauration
Espace de l'Europe 11
CH-2000 Neuchâtel
conservation-restauration@he-arc.ch

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
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									72	60	5	
	MTC9.1-AE	0.5	MTC9.1-STH	0.1	Glasses and mosaics	Fiol (HDE (24h)), Chantriaux (8h)	32	8				
	MTC9.2-AE	0.2	MTC9.2-STH	0.3	Organic materials - plant fibers	Goron	16	16				
	MTC9.3-AE	0.3	MTC9.3-STH	0.4	"Object as document" Humanities and Objects' investigation.	RBE	24	24				
			MTC9.4-STH	0.2	Horology history and styles / Functional description of mechanisms	TSC		12				
MWP6									72	94	5	
	MWP6.1-AE	1.0			Glasses 1	Fiol (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	Fiol (HDE)	54					
			MWP7.1-STH	1.0	Technical and scientific objects 4	GRA Sauter		24 24				
	MWP7.2	-	MWP7.2	-	Enzymes	Braekman 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	1.0	Technical and scientific objects 5	Cuendet	28					
						GRA RJE RBE Meyer zu Bargholz		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 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 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				
MTC5									38	60	5	
	MTC5.1-AE	0.9	MTC5.1-STH	0.4	Metals and alloys Metals and alloys Mineral fibers identification Numismatic	VBO JSC Rast Frey	20 2 4 4	20 2 4 4				
	MTC5.2-AE	0.1	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				
	MTC7.2		MTC7.2		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									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 16 16				
						VBO/CDE/RBE	8	8				
	MWP4.2-AE	0.1	MWP4.2-STH	0.1	Hammering	a Marca	8	8				
			MWP4.3-STH	0.9	Horology 1	TSC Fontaine RBE		104 24 8				

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MWP5							144	144	5			
	MWP5.1-AE	1.0	MWP5.1-STH	0.1	Metals and alloys 2	VBO	144	8				
			MWP5.3-STH	0.7	Horology 2	TSC		82				
			MWP5.4-STH	0.2	Electrical objects	Fontaine GRA		24 30				
MTC1							52	36	5			
	MTC1.1-AE	0.5			Theory of conservation-restoration 1	HDE	24					
	MTC1.2-AE	0.4	MTC1.2-STH	0.7	Ceramics	Alembik	20	20				
	MTC1.3-AE	0.1	MTC1.3-STH	0.1	Organic materials - animal fibers	Cuisin	8	8				
			MTC1.1-STH	0.2	Naturalia	Meyer zu Bargholz		8				
					Conservation of objects used in public transport							
MTC2							52	52	5			
	MTC2.1	-	MTC2.1	-	Theory of conservation-restoration 2 - Common course	CDE	12	12				
					Research skills for conservation-restoration - preparatory work							
	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							32	56	5			
	MTC3.1-AE	0.8			Theory of conservation-restoration 3	AGM	24					
			MTC3.1-STH	0.9	Society, objects and collections	JBO		48				
	MTC3.3-AE	2.0	MTC3.3-STH	0.1	History of sciences and techniques	Vasquez J.	8	8				
					Conservation issues in Museum exhibitions: from showcases design to installation of objects							
MWP1							136	124	5			
	MWP1.1-AE	1.0			Conservation-restoration workshop 1	HDE	128					
			MWP1.1-STH	1.0	Ceramics 1	RBE GRA TSC RBE		8 84 32 8				
					Technical and scientific objects 1							
MWP2							104	104	5			
	MWP2.1-AE	0.4			Conservation-restoration workshop 2	HDE	40					
			MWP2.2-STH	0.5	Ceramics 2	ANG	40	40				
			MWP2.1-STH	0.2	Colour and retouching	HDE RJE		16 24				
	MWP2.3-AE	0.2	MWP2.3-STH	0.3	Infography	Becker	24	24				
					Conservation and restoration in geosciences							
MWP3							116	116	5			
	MWP3.1-AE	0.9			Conservation-restoration workshop 3	Alembik	60					
			MWP3.1-STH	0.9	Organic materials - animal fibers	Bonnot-Diconne		40				
					Technical and scientific objects 2	GRA à déf. (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	-	Theory of conservation-restoration 4 - Common course	RBE	8	8				
					Managing Conservation-Restoration Projects - preparatory work							
	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				
MTH2							0	0	25			
	MTH2	1.0	Thesis	1.0	Master's thesis 2	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)