SWISS CONSERVATION-RESTORATION CAMPUS

Plan d'études 2024-2026
Master of Arts HES-SO in Conservation-Restoration
120 ECTS

haute école neuchâtel berne jura — arc conservation restauration neuchâtel
Haute Ecole Arc
Conservation-restauration
Espace de l'Europe 11
CH-2000 Neuchâtel
conservation-restauration@he-arc.ch

									ECTS per semester			
									120			
									33	30	27	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
MTC3					**Theory of conservation-restoration 3**		**24**	**24**	**3**			
	MTC3.1-AE	0.5	MTC3.1-STH	0.3	"Object as document" Humanities and Objects' investigation.	RBE, unine	24	24				
MTC6					**Theory of conservation-restoration 6 - Common course**		**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					**Theory of conservation-restoration 9**		**48**	**36**	**5**			
	MTC9.1-AE	0.5	MTC9.1-STH	0.2	Glasses and mosaïcs	Fiol (HDE (24h)), Chantriaux (8h)	32	8				
	MTC9.2-AE	0.2	MTC9.2-STH	0.4	Organic materials - plant fibers	Goron	16	16				
			MTC9.4-STH	0.3	Horology history and styles / Functional description of mechanisms	TSC		12				
MWP6					**Conservation-restoration workshop 6**		**72**	**94**	**5**			
	MWP6.1-AE	1.0			Glasses 1	Fiol (HDE)	72					
			MWP6.1-STH	1.0	Technical and scientific objects 3	GRA		40				
						TSC		32				
						Expert à déf.		22				
MWP7					**Conservation-restoration workshop 7**		**74**	**84**	**5**			
	MWP7.1-AE	1.0			Glasses 2	Fiol (HDE)	54					
			MWP7.1-STH	1.0	Technical and scientific objects 4	GRA		24				
						Sauter		24				
						Braekman		16				
	MWP7.2	-	MWP7.2	-	Cleaning techniques	à déf.	20	20				
MWP8					**Conservation-restoration workshop 8**		**112**	**88**	**5**			
	MWP8.1-AE	1.0			Organic materials - plant fibers 1	Goron (avec RBE 8h)	84					
						Cuendet	28					
			MWP8.1-STH	1.0	Technical and scientific objects 5	GRA		48				
						RJE		8				
						RBE		8				
						Meyer zu Bargholz		24				
MWP9					**Conservation-restoration workshop 9**		**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				
					Complexing agents in CR - tests	à déf.	4-8	4-8				
	MWP9.3	0.2	MWP9.3	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					**Theory of conservation-restoration 5**		**38**	**60**		**5**		
	MTC5.1-AE	0.9	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	0.1	MTC5.2-STH	0.1	Modern alloys	CDE	8	8				
			MTC5.3-STH	0.5	Horological / electrical objects	TSC		30				
MTC7					**Theory of conservation-restoration 7**		**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					**Theory of conservation-restoration 8 - Common course**		**52**	**52**		**5**		
	MTC8.1	-	MTC8.1	-	Sustainability in CR practiseg - preparatory work	EJO	12	12				
	MTC8.2	1.0	MTC8.2	1.0	Sustainability in CR practise: Cleaning	EJO	32	32				
	MTC8.3	-	MTC8.3	-	Sustainability in CR practise: Cleaning - final assessment	EJO	8	8				
MTH1					**Master's thesis 1**		**12**	**12**		**5**		
	MTH1	1.0	MTH1	1.0		RBE / VBO / TSC	12	12				
MWP4					**Conservation-restoration workshop 4**		**180**	**162**		**5**		
	MWP4.1-AE	0.9	MWP4.1-STH	-	Metals and alloys 1	VBO	126	12				
						RJE	6	6				
						CDE	16					
						RBE	16					
						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		104				
						Fontaine		24				
						RBE		8				
MWP5					**Conservation-restoration workshop 5**		**144**	**142**		**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		56				
						Fontaine		48				
			MWP5.4-STH	0.2	Electrical objects	GRA	0	30				

SWISS CONSERVATION-RESTORATION CAMPUS

Plan d'études 2024-2026
Master of Arts HES-SO in Conservation-Restoration
120 ECTS

haute école neuchâtel berne jura — conservation restauration neuchâtel
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 S1	ECTS S2	ECTS S3	ECTS S4
MTC1					**Theory of conservation-restoration 1**		**84**	**84**			**7**	
	MTC1.1-AE	0.4			Ceramics	HDE	24					
	MTC1.2-AE	0.3	MTC1.2-STH	0.5	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				
	MTC1.4-AE	0.3			Society, objects and collections	Waldvogel	24					
			MTC1.4-STH	0.5	History of sciences and techniques	JBO		40				
	MTC1.5-AE	0.0	MTC1.5-STH	0.0	Conservation issues in Museum exhibitions: from showcases design to installation of objects	Vasquez J.	8	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				
MWP1					**Conservation-restoration workshop 1**		**120**	**124**			**5**	
	MWP1.1-AE	1.0			Ceramics 1	HDE	120					
			MWP1.1-STH	1.0	Technical and scientific objects 1	GRA		84				
						TSC		32				
						JBO		8				
MWP2					**Conservation-restoration workshop 2**		**108**	**100**			**5**	
	MWP2.1-AE	0.5			Ceramics 2	Tissier	48					
	MWP2.2-AE	0.5	MWP2.2-STH	0.7	Colour and retouching	ANG	36	36				
						ANG		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					**Conservation-restoration workshop 3**		**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	Microsanalysis - 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	Guillod	12	12				
	MTC4.2	1.0	MTC4.2	1.0	Managing Conservation-Restoration Projects	Guillod	32	32				
	MTC4.3	-	MTC4.3	-	Managing Conservation-Restoration Projects - final assessment	Guillod	8	8				
MTH2					**Master's thesis 2**		**0**	**0**				**25**
	MTH2	1.0	Thesis	1.0		RJE, LBR, VBO, TSC, CDE	0	0				

CRAE : archaelogical 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 plateform (MWPx- PFS) are evaluated on a regular basis (written or oral examinations, written documentations, exercises and laboratories or presence)