

Conservation Department

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Proposed courses required to obtain a bachelor's degree in
Conservation according to the credit hour system
142 credit hours
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First: University Requirements (4 subjects – 12 hour)

No.	Subject	No. of units
Ur101	Arabic language (grammar & texts)	Three units
Ur102	English language (grammar & exercises)	Three units
Ur103	Human Rights	Three units
Ur104	Computer science	Three units

Second :faculty Requirements in common with all departments of the faculty (7 subjects - 21 hour)

No.	Subject	No. of unites
Gfr105	History of ancient Egypt	Three units
Gfr106	Archeology and Egyptian civilization	Three units
Gfr107	History of Islamic Egypt	Three units
Gfr108	Archeology and Islamic civilization	Three units
Gfr109	Principles of Treatment and conservation of organic antiquates	Three units
Gfr110	Principles of conservation of non-organic antiquates , architectural restoration and protection of archaeological sites and monuments	Three units
Gfr111	Egyptian Civilization and Archaeology in Greco-Roman Periods	Three units

2-Conservation and Treatment of Inorganic Materials Program

Second Level

(36 Units)

(28 Units Compulsory Subjects + 8 Units Selective Subjects)

No.		Second Level course Subjects	Units	Credit hours		Course code	The prerequisite Course	The prerequisite Course Code
				Theoretical	Practical			
1	First Semester	Minerals and Rocks	2	1	2	CI 201	---	---
2		Stucco material and Its Additives	2	1	2	CI 202	---	---
3		Ancient Glassmaking technologies	2	1	2	CI 203	---	---
4		Pottery and Ceramic technologies	3	2	2	CI 204	---	---
5		Technology, Conservation and Treatment of Mural Paintings and Rock Drawings	3	2	2	CI 205	---	---
6		Metal Working (1)	2	1	2	CI 206	---	---
7		Selective subject	---	---	---	---	---	---
8		Selective subject	---	---	---	---	---	---
9	Second Semester	Conservation and Treatment of Stone Artifacts	2	1	2	CI 207	---	---
10		Technology of Architectural Stucco	2	1	2	CI 208	Stucco material and Its Additives	CI 202
11		Technology of Stuccos in Museums	2	1	2	CI 209	Stucco material and Its Additives	CI 202
12		Metal Working (2)	2	1	2	CI 210	Metal Working (1)	CI 206
13		Technology, Conservation and Treatment of Tempera Paintings	2	1	2	CI 211	---	---
14		Technology, Conservation and Treatment of Fresco Paintings	2	1	2	CI 212	---	---
15		Applied Chemistry (1)	2	1	2	213	---	---
16		Selective subject	---	---	---	---	---	---
17		Selective subject	---	---	---	---	---	---

Third Level

(37 units)

(29Units Compulsory Subjects + 8 Units Selective Subjects)

No.		Third Level Course Subjects	Units	Credit hours		Course code	The prerequisite Course	The prerequisite Course code
				Theoretica	Practical			
1	First Semester	Treatment and Conservation of Old Glass	4	2	4	CI 301	Ancient Glassmaking technologies	CI 203
2		Conservation and Treatment of Decorative and Architectural Stone Elements	4	2	4	CI 302	Conservation and Treatment of Stone Artifacts	CI 207
3		Applied Chemistry (2)	2	1	2	CI 303	Applied Chemistry (1)	CI 214
4		Conservation and Treatment of Architectural Gypsum	3	2	2	CI 304	Technology of Architectural Stucco	CI 208
5		Ancient Metalworking Techniques	1.5	1	1	CI 305	Metal Working (2)	CI 210
6		Selective subject	---	---	---	---	---	---
7		Selective subject	---	---	---	---	---	---
8	Second Semester	Technology, Conservation and Treatment of Mosaics	2	1	2	CI 306	---	---
9		Metallurgy of Metal Artifacts	2	1	2	CI 307	---	---
10		Ancient Stained Glass technologies	2	1	2	CI 308	---	---
11		Preventive Conservation of Inorganic Materials	1.5	1	1	CI 309	---	---
12		Methods of Detachment of Mural Paintings and the Alternative Supports	2	1	2	CI 310	---	---
13		Examination, Analysis and Dating of Artifacts	3	2	2	CI 311	---	---
14		Laws and regulations, charters and rules related to Cultural Heritage and its protection	2	2	---	Gfr 112	---	---
15		Selective subject	---	---	---	---	---	---
16		Selective subject	---	---	---	---	---	---

Fourth level

(36 Units)

(25 Units Compulsory Subjects + 11Units Selective Subjects)

No .		Fourth Level Course Subjects	Units	Credit hours		Course Code	The prerequisite Course	The prerequisite Course Code
				Theoretical	Practical			
1	First Semester	Corrosion of Metal Artifacts	2.5	1	3	CI 401	Metallurgy of Metal Artifacts	CI 307
2		Conservation and Treatment of Excavated Pottery and Ceramics	3.5	2	3	CI 402	Pottery and Ceramic technologies + Excavations and Diggings	CI 204 + CI 22
3		Effects of Microorganisms on Inorganic Artifacts and Methods of Prevention	2	1	2	CI 403	---	---
4		Conservation and Treatment of Pottery and Ceramics (Museum Collections)	3.5	2	3	CI 404	Pottery and Ceramic technologies	CI 204
5		Graduation Project I (Conservation of Inorganic Materials)	2	---	---	CI 405	---	---
6		Selective subject	---	---	---	---	---	---
7		Selective subject	---	---	---	---	---	---
8	Second Semester	Treatment and Conservation of Stained Glass	2	1	2	CI 406	Ancient Stained Glass technologies	CI 308
9		Safeguarding and Restoration of Stone Objects excavated from different environments	3	2	2	CI 407	Excavations and Diggings	CI 22
10		Conservation and Treatment of Museum Stuccos	2	1	2	CI 408	Technology of Stuccos in Museums	CI 209
11		Conservation and Treatment of Metal Artifacts	2.5	1	3	CI 409	Corrosion of Metal Artifacts	CI 401
12		Graduation Project II (Conservation of Inorganic Materials)	2	---	---	---	---	---
13		Selective subject	---	---	---	---	---	---
14		Selective subject	---	---	---	---	---	---
15		Selective subject	---	---	---	---	---	---

Selective Subjects for the Conservation of Inorganic Materials Program

Course Code	Courses	Units	Credit hours		The prerequisite Course	The prerequisite Course code
			Theoretical	Practical		
CI 1	Technology of Pigments in Mural Paintings Throughout History	1.5	1.5	---	---	---
CI 2	Deterioration Factors of Mural Paintings in different environments	1.5	1	1	---	---
CI 3	Technology of Materials used in Mural Paintings	1.5	1	1	---	---
CI 4	Conservation and Treatment of Multi layered Mural Paintings	1.5	1	1	---	---
CI 5	Conservation and Treatment of Composite Metal Artifacts	2	1	2	Ancient Organic Materials and Technologies	CI 23
CI 6	Conservation and Treatment of Polychrome Metal Artifacts	1.5	1	1	Corrosion of Metal Artifacts	CI 401
CI 7	Conservation and Treatment of Outdoor Metals	1.5	1	1	Corrosion of Metal Artifacts	CI 401
CI 8	First Aid for Excavated Artifacts	1.5	1	1	Excavations and Diggings	CI 22
CI 9	Exhibition and Storage of Glassware	3	2	2	Treatment and Conservation of Old Glass	CI 301
CI 10	Exhibition and Storage of Ceramics and Pottery	3	2	2	Conservation and Treatment of Pottery and Ceramics	CI 404
CI 11	Documentation of Stone Artifacts	2	1	2	---	---
CI 12	Conservation and Treatment of Stone Objects in different environments	2	1	2	Conservation and Treatment of Stone Artifacts	CI 207
CI 13	Conservation and Treatment of Artificial Cast Stone	2	1	2	---	---
CI 14	Still life and Freehand Drawing	2	---	4	---	---
CI 15	Techniques and Materials for making Copies	3	1	4	---	---
CI 16	Technologies and Materials for Sculpturing	1	---	2	---	---
CI 17	The effect of Insects and Plants on Inorganic Artifacts and their Methods of Prevention	4	2	4	---	---
CI 18	Exhibition and Storage of Inorganic Artifacts	2	1	2	Ancient Organic Materials and Technologies	CI 23
CI 19	Documentation of Inorganic Artifacts	2	1	2	---	---
CI 20	Restoration of Underwater Artifacts	2	1	2	---	---
CI 21	Topics on the Conservation of Inorganic materials in a European	2	1	2	---	---

	Language					
CI 22	Excavations and Diggings	2	2	---	---	---
CI 23	Ancient Organic Materials and Technologies	2	2	---	---	---