

**Faculty of Archaeology and Anthropology
Department in Archaeology**

Study Plan for the Bachelor's Degree in Archaeology

The Department of Archaeology offers a Bachelor Degree in Archaeology on the completion of the following requirements:

The fulfillment of the conditions stated in the bylaws forwarding the Bachelor Degree in Humanities.

1- University Requirements: (27 Credit Hours) as follows:

a. Obligatory Courses: (15 Credit Hours) as follows:

Course No.	Course Title	Credit Hours
HUM 117	Entrepreneurship and Innovation	1
HUM 118	Leadership and social Responsibility	1
HUM 119	Life Skills	1
HUM 120	Communication and Connection Skills (English language)	3
HUM 121	Communication and Connection Skills (Arabic language)	3
PS 102	National Education	3
MILT 100A	Military Sciences and Citizenship	3
EL 99	English Language Skills (pre-requisite)	
AL 99	Arabic Language (pre-requisite)	
Comp 99	Computer Skills (pre-requisite)	

b. Elective Courses: (12 Credit Hours) chosen from the following courses outside those offered by the students faculty:

Humanities Service Courses		
Course No.	Course Title	Credit Hours
HUM 101	Basic of Media Communication	3
HUM 102	Citizenship and Allegiance	3
HUM 103	Islamic Intellect and Civilization	3
HUM 104	Arts and Behaviors	3
HUM 107	Human Rights	3

HUM 108	Thinking Skills	3
HUM 109	Islamic Systems	3
HUM 110	The Culture of Tourism and Hospitality	3
HUM 111	History of Jerusalem	3
HUM 112	Geography of Jordan	3
HUM 113	Islamic Educational Thinking	3
HUM 114	Good Governance and Integrity	3
HUM 115	Legal Education	3
HUM 122	Economy and Society	3
HUM 123	Performing Arts	3
Science Service Courses		
Course No.	Course Title	Credit Hours
SCI 101	Environment and Public Health	3
SCI 102	Information Technology and Society	3
SCI 103	Fitness for All	3
SCI 104	Effective Communication Skills	3
SCI 105	Renewable Energy	3
SCI 106	Administration and Community Development	3
SCI 107	Scientific Research	3
SCI 109	Digital Culture	3
SCI 110	Development and Environment	3
SCI 111	Principles of Epidemiology and Community Immunity	3

2- Obligatory Course requirements (21 Credit Hours) as follows:

Course No.	Course Title	Credit Hours
ARCH 101	Introduction to Archaeology	3
ARCH 102	Origins of Civilization	3
CON 101	Introduction to Conservation of Cultural Resources	3
CON 121	Introduction to Museum Studies	3
ANTH 101	Introduction to Anthropology	3
ANTH 103	Introduction to Ethnoarchaeology	3
SCI 108	Computer Skills	3

3-Department course requirements: (87 Credit Hours):

A- Single major course requirements (66 Credit Hours):

A-a Obligatory courses (66 Credit Hours):

Course No.	Course Title	Credit Hours	Prerequisite
Arch 110	Introduction to Prehistory	3	Arch 101
Arch 125	Introduction to Classical Archaeology	3	Arch 101
Arch 135	Islamic arts and Architectures	3	Arch 101
Arch 136	Islamic Numismatics		Arch 135
Arch 140	INT. TO THE APPLICATION OF SCIENCES IN ARCHAEOLOGY	3	Arch 101
Arch 215	Bronze and Iron Ages in Southern Bilad al	3	Arch 110
Arch 220	Nabataean Culture	3	Arch 125
Arch 240	Reconstruction of Past Technologies	3	Arch 140
Arch 301	Field Archaeology	3	Passing 80 Credit Hours
Arch 312	ANCIENT POTTERY	3	Arch 215
Arch 315	ANCIENT Egypt and Mesopotamia	3	Arch 215
Arch 325	Classical arts and Architectures	3	Arch 125
Arch 335	Archaeology of Islamic Levant	3	Arch 135
Arch 340	SCIENTIFIC ANALYSIS OF ARCHAEOLOGICAL MATERIALS	3	Arch 140
Arch 424	Archaeology of Levant during classical periods	3	Arch 325
Arch 425	Classical Pottery	3	Arch 325
Arch 435	Islamic Pottery	3	Arch 335
Arch 440	Dating Methods and Chronology	3	Arch 340
Arch 455	Ancient writings in the Levant and Arabian peninsula	3	
Arch 460	Archaeological Text in English		Arch 101, Hum 120
Tour 212			

A-b Elective courses (18 Credit Hours) to be selected from the following courses:

Course No.	Course Title	Credit Hours	Prerequisite
Arch 106	Theories in Archaeology and archaeological interpretation	3	-
Arch 111	Prehistoric Art	3	Arch 110
Arch 126	The Archaeology of Byzantine Era	3	
Arch 141	Archaeological Metals, Ceramic and Glass	3	Arch 140
Arch 231	Islamic Archaeology in Morroco and al-A	3	Arch 135
Arch 311	Lithic Tools	3	Arch 110
Arch 321	Irrigation & agriculture sys. In classical period	3	Arch 125
Arch 342	Methods and techniques in discovering archaeological materials		Arch 140
Arch 431	Islamic Archaeology of Egypt and Arabia		Arch 135
Anth 112	Ethnography		Arch 101
Con 102	Introduction to Management of Cultural Resources		
Con 211	Archaeological Materials Science and Technology		Con 101

Any course offered by the Department of Anthropology and the Department of Conservation of Cultural Heritage.

Any course offered by the Departments of Chemistry, Physics, Earth Sciences and Environmental Studies, Biology, History, Geography, Arabic Language and Literature, Public Administration, Faculty of fine Arts and Faculty of Law.

B- Major/Minor course requirements:

Students who follow this plan can have their major in Archaeology and their minor in the following: Anthropology, Conservation of Cultural Heritage, Chemistry, Physics, Earth Sciences, Environmental Studies, Statistics, Sociology, English Language, Modern Languages, Biology, Law, History and Geography.

Major in Archaeology courses:

B-a Obligatory Courses (57 Credit Hours):

Course No.	Course Title	Credit Hours	Prerequisite
Arch 106	Theories in Archaeology and archaeological interpretation	3	
Arch 110	Introduction to Prehistory	3	Arch 101
Arch 125	Introduction to Classical Archaeology	3	Arch 101
Arch 135	Islamic arts and Architectures	3	Arch 101
Arch 136	Islamic Numismatics		Arch 135
Arch 140	Int. To the application of sciences in archaeology	3	Arch 101
Arch 215	Bronze and Iron Ages in Southern Bilad al	3	Arch 110
Arch 220	Nabataean Culture	3	Arch 125
Arch 240	Reconstruction of Past Technologies	3	Arch 140
Arch 301	Field Archaeology	3	Passing 80 Credit Hours
Arch 312	Ancient pottery	3	Arch 215
Arch 315	Ancient Egypt and Mesopotamia	3	Arch 215
Arch 325	Classical arts and Architectures	3	Arch 125
Arch 335	Archaeology of Islamic Levant	3	Arch 135
Arch 340	Scientific analysis of archaeological materials	3	Arch 140
Arch 424	Archaeology of Levant during classical periods	3	Arch 325
Arch 425	Classical Pottery	3	Arch 325
Arch 435	Islamic Pottery	3	Arch 335
Arch 440	Dating Methods and Chronology	3	Arch 340

B-b Elective Courses (6 Credit Hours) to be chosen from the following courses:

Course No.	Course Title	Credit Hours	Prerequisite
Arch 126	The Archaeology of Byzantine Era	3	-
Arch 321	Irrigation & agriculture sys. In classical period	3	Arch 125
Arch 342	Methods and techniques in discovering archaeological materials		Arch 140
Arch 431	Islamic Archaeology of Egypt and Arabia		Arch 135
Con 211	Archaeological Materials Science and Technology	3	Con 101

C- Minor course requirements (21 Credit Hours) for minor in Archaeology:

C-a Obligatory courses (15 Credit Hours):

Course No.	Course Title	Credit Hours	Prerequisite
Arch 101	Introduction to Archaeology	3	
Arch 110	Introduction to Prehistory	3	Arch 101
Arch 125	Introduction to Classical Archaeology	3	Arch 101
Arch 135	Islamic arts and Architectures	3	Arch 101
Arch 140	Int. to the application of sciences in archaeology	3	Arch 101

C-b Elective courses (6 Credit Hours) to be chosen from the following list:

Course No.	Course Title	Credit Hours	Prerequisite
Arch 136	Islamic Numismatics		Arch 135
Arch 141	Archaeological Metals, Ceramic and Glass	3	Arch 140
Arch 215	Bronze and Iron Ages in Southern Bilad al	3	Arch 110
Arch 240	Reconstruction of Past Technologies	3	Arch 140
Arch 321	Irrigation & agriculture sys. In classical period	3	Arch 125
Arch 335	Archaeology of Islamic Levant	3	Arch 135
Arch 424	Archaeology of Levant during classical periods	3	Arch 325

BA Courses Description

Arch 101 Introductions to Archaeology

This course provides an introduction to the theory, methods and aims of archaeology, in addition to the relation of archaeology to history, art, science and other disciplines. In this course students examine archaeology and professional ethics; archaeology as public interest; and legal organizations of archaeology.

Arch 102 Origins of Civilization

The comparison of origins and institutions of civilizations in the old and new worlds, including the first state-organized societies of Mesopotamia, Egypt, Levant, the Indus Valley, China, the Aegean, Mesoamerica, and Peru.

Arch 110 Introduction to Prehistory

This course aims at presenting an introduction to the prehistory of the world starting from the Paleolithic through the Chalcolithic eras. It discusses the characteristics of each era as sites location and settlement patterns, architecture, art, ritual practices, and industries including stone (flint, basalt and others), bone and others.

Arch 111 Prehistoric Art

This course includes studying human ancient art from its beginning in the Upper Paleolithic in Europe. The course studies the excavated art objects dated to the Epi-Paleolithic, Neolithic and Chalcolithic periods uncovered at sites spread over the Ancient Near East. The course covers the manufacturing materials, types of objects and the decorative elements on them.

Arch 106 Theories in Archaeology and archaeological interpretation

This course aims at providing the student with several theoretical and practical skills, such as the philosophy of science.

Arch 125 Introduction to Classical Archaeology

This course studies the culture of the classical Periods from the Greek to the end of the Byzantine period, emphasis on the main development in the city plans, Architecture and minor Arts.

Arch 135 Islamic arts and Architectures

This course deals with Islamic architecture and art of mosques, castles and other related establishments and describes their evolution in the following areas: Arabian Peninsula, Syria, Egypt, Iraq and Morocco (North Africa)

Arch 136 Islamic Numismatics

The course deals with the Islamic numismatics, their origin, forms and technology.

Arch 140 Introduction to the Application of Sciences in Archaeology

This course presents an overview of the application of physical, chemical, geological and biological methods in locating, dating and studying of archaeological remains.

Arch 141 Archaeological Metals, Ceramic and Glass

This course focuses on the study of the ancient techniques of metals production and fabrication. The course covers ancient metallurgical sites, including their excavation and interpretation, the geology of metallurgical raw materials and ancient smelting and metallurgical processes. The course also provides a study of the raw materials and manufacturing processes of ancient ceramic and glass.

Arch 215 Bronze and Iron Ages of Jordan

The course furnishes introductory information about the Bronze and Iron Ages in the Levant. It studies the chronology and the archaeological material of each period/sub-period. The course presents also a discussion of some of the city– states of the Bronze and Iron Ages, especially the kingdoms of the Ammonites, Moabites and Edomites of the Iron Age.

Arch 220 Nabataean Culture

This course studies the various aspects of the Arab Nabataean culture, including the Nabataean settlements, architecture, and arts.

Arch 231 Islamic Archaeology in Morocco and al-Andalus

This course deals with the Islamic Architecture and art in Morocco and al -Andalus, such as mosques, schools, public fountains and tombs. The course deals also with the mutual influence between the eastern Islamic and western Islamic worlds.

Arch 240 Reconstruction of Past Technologies

This course introduces the students to the raw materials and manufacturing techniques used by ancient man to produce his tools and materials. The course examines the factors underlying the choice and manipulation of raw materials by ancient man for the production of his materials and tools.

Arch 301 Field Archaeology

This course provides field training for the students on the methods and techniques used in surveying and excavating of archaeological sites, documentation of sites and materials in-situ, conservation of archaeological materials, packaging, handling and transportation.

Arch 311 Lithic Tools

This course will examine lithic tools, their technology, manufacturing techniques and morphology, from the Paleolithic Age until the historical era. The course could include practical training in manufacturing and usage of lithic tools.

Arch 312 Ancient pottery

Students will be introduced to the manufacturing techniques of pottery, from the Neolithic Age to the Hellenistic period. The course will study pottery vessels according to their shapes, chronology and decorative elements.

Arch 315 The Archaeology of Ancient Egypt and Mesopotamia

The course studies a geographical, historical background, major chronological problems, political situations, archaeological artifacts, architecture, people, and trades of the ancient Egypt and Mesopotamia during ancient periods are to be discussed in this course.

Arch 321 Irrigation and Agriculture Systems in the Classical Periods

The course studies the irrigation and agricultural systems in the Classical periods, along with the water-supply systems such as channels, cisterns, dams, and pools. It will deal also with the agricultural production, the economical and agricultural conditions of each culture.

Arch 325 Classical Arts and Architectures

The course studies various aspects of the Classical arts and architecture, which stem from several cultures: Minoan, Mycenaean, Etruscan, and Phoenician. It also studies the eastern cultures such as the Palmyraean culture including its different arts, with concentration on the origin of these arts in its various stages of development.

Arch 335 Archaeology of Islamic Levant

This course introduces students to the variety of Islamic civilizations in Jordan and Palestine during Umayyad, Abbasid, Fatimids, Ayyubids, Mamluk and Ottoman periods. The study covers military, religious and civil architectures such as The Dome of the Rock, Al-Aqsa Mosque, Umayyad Palaces, Islamic Castles in Ajlun, Al-Karak, Al-Shobak, and Aqaba.

Arch 340 Scientific Analysis of Archaeological Materials

This course acquaints the student with a number of analytical techniques and methods, which are useful in the investigation of organic and inorganic archaeological materials. It provides a theoretical introduction as well as practical experience on a selection of methods. The potentials and limitations of methods are discussed through specific case studies.

Arch 342 Remote Sensing and Geophysics in Archaeology

This course covers the application of modern methods and techniques in discovering archaeological sites and features. The general principles and application of remote sensing, aerial photography, geophysical and thermal prospecting techniques are covered in this course.

Arch 424 Archaeology of Levant during classical periods

This course studies the Classical cultures in the Jordan and Palestine, from the Hellenistic period to the fourth century AD. The course cover an intensive study of the spreading of Hellenistic and Roman civilizations in the East especially in Jordan and Palestine, this includes the study of settlements, city plan, art, architecture.

Arch 425 Classical Pottery

Students will be introduced to the description of pottery Hellenistic and Roman periods in general, and those that was spread in Hellenistic, Roman, and Byzantine in Eastern world. The course will study local and imported pottery vessels according to their types, chronology and decorative elements, in addition to the production centers.

Arch 430 Islamic pottery.

Students will be introduced to the manufacturing techniques of pottery, glaze and metallic luster ware during Umayyad, Abbasid, Fatimids, Ayyubids, Mamluk and Ottoman. Pottery daily use, decoration, and the development of different types will be investigated.

Arch 431 Islamic Archaeology in Egypt and the Arabian Peninsula

This course will cover the architecture and arts in Egypt and Arabian Peninsula including Yemen along with the eastern parts of the Peninsula, starting from the construction of the mosque of the Prophet and its evolution. It also tackles the architecture of gates, madrasas, Kkanaqahs, mosques and baymaristans and theirspatial distribution inside Cairo under the Ayyubids, Mamluks and Ottomans.

Arch 440 Dating Methods and Chronology

This course covers the techniques available for archaeologists for dating archaeological sites and materials. The general principles and application of relative dating techniques such as stratigraphy and typological sequences as well as absolute dating techniques such as C14, thermoluminescence and uranium series are covered in this course.

Arch 455 Ancient writings in the Levant and Arabian Peninsula

This course concerns the main epigraphical groups in the Arabian Peninsula, like Sabaeen, Minaean, Qatabanian and Hadramitic inscriptions in the South and Safaitic, Thamudic, Lihyanite and Hasaeen inscriptions in the North. These will be discussed with relation to language, history, economy and religion. The course will cover also the early Arabic inscriptions such as: Al-Nammarah, Umm ej Jemal 2, and Jabal Eses inscriptions. Finally the Islamic inscriptions such as: the dome of the rock, mile stone and memorial inscriptions.

Arch 460 Archaeological Texts in English

The course aims at reading some selected English articles and summarizing them. The scientific content will be explained, and the student will be trained on analyzing, and understanding such text. Some archaeological English articles will be translated to Arabic, and others will be fully written in English.

Anth 101 Introduction to Anthropology.

The purpose of this course is to introduce the student to the field of anthropology in both of its main divisions: Socio\cultural anthropology which discusses the social aspects of human societies such as social structure, customs and traditional beliefs and practices of social systems. The other division of anthropology is biological which discusses the biological aspects of human societies such as human variation, adaptation, evolution and importance of human skeletal studies.

Anth 103 Introduction to Ethnoarchaeology.

The purpose of this course is to make the student aware of the relationship between Archaeology and Anthropology in general, and Ethnography in particular, in an attempt to show how ethnographic description is used to understand the past in a more genuine way, a matter that gives archaeologists a better understanding of the behavior and culture of the past populations. This course also concentrates on the types analogy between past and present, for the purpose of determining the differences and similarities between the source and the subject.

Anth 112 Ethnography

The purpose of this course is to examine the importance of ethnographic research in anthropology and the anthropological approach in studying and describing human societies. It also enables students to read a series of ethnographies, especially in simple societies, to gain an understanding of what is involved in the process of ethnography from fieldwork to the written account. The course seeks also to help students move in their analysis beyond the ethnocentric view so that they can better appreciate the diversity of cultural practices. Moreover, the course addresses the recent ways of conducting ethnographical anthropology research studies.

Con 101 Introductions to Conservation and Management of Cultural Heritage

This course introduces students to the various types of cultural resources. It deals with the general policies, strategies and techniques that should be used for the preservation and management of cultural heritage. The course emphasizes the role that cultural heritage can play in the sustainable development.

Con 102 Introductions to Management of Cultural Resources

This course aims to familiarize students with archaeological and cultural heritage management in its broader context, and its relationship to sustainable development. The course provides an introduction to the field of archaeological and cultural heritage management. It deals with the basic concepts, policies, processes and issues related to heritage management and its relationship to sustainable development. The topics covered in this course include the definitions of heritage and its role in sustainable development; threats to cultural heritage; values and stakeholders in archaeological and cultural heritage management; world heritage; the common approaches to the management of archaeological and cultural heritage; heritage management systems and their components; and management planning process for cultural heritage sites.

Con 121 Introductions to Museum Studies

This course aims to introduce the students to the importance of the museum as an educational entertainment institution. The course covers the history of the development of museums and their goals. It also covers the museum administration (human resources) and the role of each individual within the institution. The method of recording and storing archaeological objects, designing show cases, planning exhibitions, and lighting systems are also included in the course. The students will also be taught about the proper museum environment to preserve the archeological artifacts. A practical training on the registration and protection of archaeological artifacts, storage and display techniques, and collections management will be carried out at the Museum of Jordanian Heritage.

Con 211 Archaeological Materials Science and Technology

This course aims to provide students with the theoretical backgrounds about the nature of archaeological organic and inorganic materials, their chemical and physical properties, and their manufacturing techniques. The course includes a description of archaeological materials, both organic such as wood, parchment, textile, paper and paints, and inorganic such as minerals and metals, stone, pottery, glass, mud brick, and mortar and plastering materials. The course also deals with material structure, atomic structure, molecular structure, and explains the theories and methods used in the extraction of elements from their ores, and demonstrate the types of materials, tools and techniques that were used in the manufacture of artifacts in antiquities.

