Course Description Template

1. Module Title
Assyrian cuneiform texts– Master's Programme
2. Module Code
3. Semester / Academic Year
Second Course, 2022–2023
4. Date of Module Description Preparation
30 February 2023
5. Mode of Attendance
on-campus
6. Total Hours / Total Units
30 hours / 30 Units
7. Teaching Staff Member (if more than one, list all names)
Prof. Dr. Mohammed Abdul Ghani al-Bakri *Email; albakri_arm@uomosul.edu.iq*
8. Module Objectives

Objectives of Study Module	• **Developing student skills.** • **Exploring methods.** • **Scientifically evaluating students.**

9. Teaching and Learning Strategies	
Strategy	Direct instruction of the student through the preparation and discussion of research papers.

10. Module Structure

Week	*Hours*	*Expected Learning Outcomes*	*Module or Topic Name*	*Learning Method*	*Assessment Method*
1	**2**	An added scholarly value for the student.	Cuneiform Texts and Ancient Iraqi Languages.	on-campus, Data show	Examinations
2	**2**	An added scholarly value for the student.	Types of Assyrian Cuneiform Texts.	on-campus, Data show	Examinations
3	**2**	An added scholarly value for the student.	Correspondence Texts.	on-campus, Data show	Examinations
4	**2**	An added scholarly value for the student.	Loan Contract Texts.	on-campus, Data show	Examinations
5	**2**	An added scholarly value for the student.	Sale Contract Texts.	on-campus, Data show	Examinations
6	**2**	An added scholarly value for the student.	Inheritance Division Texts.	on-campus, Data show	Examinations
7	**2**	An added scholarly value for the student.	Court Case Texts.	on-campus, Data show	Examinations
8	**2**	An added scholarly value for the student.	Adoption Contract Texts.	on-campus, Data show	Examinations
9	**2**	An added scholarly value for the student.	Gift Texts.	on-campus, Data show	Examinations
10	**2**	An added scholarly value for the student.	Distribution Texts.	on-campus, Data show	Examinations
11	**2**	An added scholarly value for the student.	Scholarly Discussions.	on-campus, Data show	

12	**2**	An added scholarly value for the student.	Script and Transcription.	on-campus, Data show	Examinations
13	**2**	An added scholarly value for the student.	Review of Selected Texts.	on-campus, Data show	Examinations
14	**2**	An added scholarly value for the student.	General Review.	on-campus, Data show	Examinations
15	**2**	An added scholarly value for the student.	Scholarly Additions.	on-campus, Data show	Examinations

11. Module Assessment

The daily mark, out of 30, is based on assigned tasks such as the quality of scientific research, sources used, and the presentation style of the material. A written exam at the end of the semester carries 70 marks, making the total mark out of 100.

12. Learning and Teaching Resources

Required Textbooks (Academic, if available)	
Main References (Sources)	
Recommended Supporting Books and References (Scientific Journals, Articles, etc.)	
Online References and Websites	
Curriculum or Description Update Rate	

Course Description Template

1. Module Title	
Computer– Master's Programme	
2. Module Code	
rr336o33	
3. Semester / Academic Year	
Second Course, 2024–2025	
4. Date of Module Description Preparation	
30 February 2025	
5. Mode of Attendance	
on-campus	
6. Total Hours / Total Units	
30 hours / 30 Units	
7. Teaching Staff Member (if more than one, list all names)	
Assist. Prof. Baydaa Sulaiman Behnam	Email; *baydaa_sulaiman@uomosul.edu.iq*
8. Module Objectives	
Objectives of Study Module	This module aims to teach students the fundamentals of computers and the main compone of computer hardware. It clarifies the functions and types of operating systems, as well as the basics of computer networks and their classifications. Additionally, students will learn about different types o computer viruses and methods to protect against them. The module also introduces cloud computing, including its resources, types, services, and components. Furthermore, it aims to instruct students on how to use Windows 10 and various application software such as Microsoft Word 2019. Students will learn how to operate the Word word processor, including text input, editing, formatting, table creation, and inserting and formatting imag and shapes. In addition, the module covers the use of Microsoft PowerPoint and Excel**.**
9. Teaching and Learning Strategies	
	The modules include interactive lectures that explain the main functional units of the computer system, the roles hardware components, various types of software, and the fundamental concepts of cloud storage. Sequential processing of information within the computer system can be illustrated using visual aids and real-life examples enhance understanding. Group discussions and collaborative learning activities are encouraged to promote peer interaction and the exchange of ideas. Students may be asked to compare different types of computers and end-user devices, discuss the benefits and risks of networked computing, and analyse security issues related to email and data protection. To develop practical skills, students can engage in activities such as web browsing and the use of search engines learning how to navigate the internet, effectively use browser tools, and retrieve information using search engines. Additionally, they may gain an understanding of how email and social media work, including the components of an email message and the implications of privacy concerns. Continuous assessments and feedback mechanisms are employed to monitor student progress and provide opportunities for reflection and improvement. These assessments may include tests, assignments, and projects to evaluate students' understanding of the covered topics and their ability to apply the concepts learned.

10. Module Structure					
Week	***Hours***	***Expected Learning Outcomes***	***Module or Topic Name***	***Learning Method***	***Assessment Method***
1	**2**	Equipping students with the basic principles of computer science subjects	The Concept of the Computer and the Generations, Characteristics of Each Generation	Data Show	Homework
2	**2**	Equipping students' knowledge of the fundamental concepts of software	Components of the Computer: Hardware Input Units Output Units Central Processing Unit (CPU) Main Memory (Primary Memory) Storage Units	Data Show	Homework
3	**2**	Increase student knowledge of concepts of software types, types and functions of operating systems, in addition to programming languages.	Components of the Computer: Software Types of Software Operating System Functions of the Operating System Types of Operating Systems Programming Languages Application Software	Data Show, Traditional whiteboard	Homework, Quiz
4	**2**	Continuing the Protection of Personal and Organizational Data from Breaches: This relies on techniques such as encryption, firewalls, digital certificates, and antivirus protection through specialised software. Additionally, it involves setting strong passwords, managing access permissions, and emphasising the importance of data backup for recovery.	Computer Viruses: Definition of a Virus and the Origin of the Term Characteristics of Viruses Components of a Virus Ways Viruses Spread to Computers Mechanism of Infection and Propagation Within a Computer Most Common Types of Viruses Methods of Virus Protection	Data Show	Homework, Oral Quiz
5	**2**	Students will acquire knowledge about the Internet, including a clear explanation of the differences between the Internet and the World Wide Web. Additionally, distinctions between web browsers and search engines will be clarified.	The Internet: History of the Internet Components of the Internet The World Wide Web (WWW(Difference Between the Internet and the Web Web Browser Search Engine Difference Between a Browser and a Search Engine	Data Show	Homework
6	**2**	Enhancing students' understanding of computer networks, including their various types and classifications, along with their advantages and disadvantages. The module also covers the history of networks and key Internet-related terminology.	Computer Networks: Definition of a Computer Network Classification of Computer Networks Classification by Geographical Spread Classification by Ownership	Data Show	Report Preparation and Presentatio

			Classification by Topology Advantages and Disadvantages of Each Network Type		
7	**2**	Ability to answer academic questions	Exam/midterm	Paper	Mid-course exam
8	**2**	Acquire knowledge about cloud computing, including its resources, characteristics, types, and services. Students will also learn about cloud computing providers in the educational sector.	Cloud Computing: Definition of Cloud Computing Cloud Computing Resources Characteristics of Cloud Computing Types of Cloud Computing Cloud Computing Services Cloud Computing Providers in Education Microsoft Educational Cloud Amazon Educational Cloud IBM Academic Cloud HP Cloud Services for Education Components of Cloud Computing	Data Show, Traditional whiteboard	Homework, Quiz
9	**2**	Computer usage skills include keyboard proficiency, navigating menus, and managing files and folders through searching, organizing, editing, and saving. It also involves compressing and decompressing files.	Practical Exercise on Microsoft Word	Data Show, Traditional whiteboard	Homework, Quiz
10	**2**	Enhancing students' proficiency in word processing software by efficiently using the program's features, exploring its menus, and understanding the different file formats for saving documents.	Practical Exercise on Microsoft Word	Data Show, Traditional whiteboard	Report Preparation and Presentatio
11	**2**	How to insert images and tables, and how to work with cells, columns, and rows.	Practical Exercise on Microsoft Word	Data Show, Traditional whiteboard	Homework
12	**2**	Ability to successfully answer academic questions. Development of students' skills to efficiently create presentation slides, enabling them to visually communicate information effectively.	Exam/midterm Practical Exercise on Microsoft PowerPoint	Data Show, Traditional whiteboard	Monthly Exam + Lecture
13	**2**	Developing students' skills to efficiently create presentation slides, which are used to visually convey information.	Practical Exercise on Microsoft PowerPoint	Data Show, Traditional whiteboard	Homework
14	**2**	Familiarization with the program, where spreadsheets are used to organise data, perform analyses, and carry out calculations. This includes understanding functions and how to write them.	Practical application on Excel	Data Show, Traditional whiteboard	Homework
15	**2**	Practical examples of Excel functions	Practical application on Excel	Data Show, Traditional whiteboard	Report Preparation and Presentatio

11. Module Assessment	
The daily mark, out of 30, is based on assigned tasks such as the quality of scientific research, sources used, and the presentation style of the material. A written exam at the end of the semester carries 70 marks, making the total mark out of 100.	
12. Learning and Teaching Resources	
Web Design with HTML, CSS, JavaScript, and jQuery Set by Jon Duckett Principles of Information Security by Michael E. Whitman and Herbert J. Mattord CompTIA Security+ Get Certified Get Ahead: SY0-501 Study Guide by Darril Gibson	Required Textbooks (Academic, if available)
Computer Organization and Design" by David A. Patterson and John L. Hennessy Computer Architecture: A Quantitative Approach" by John L. Hennessy and David A. Patterson	Main References (Sources)
Researches, letters and theses related to hardware and software and reference available in the Internet	Recommended Supporting Books and References (Scientific Journals, Articles, etc.)
TechTerms: https://techterms.com/ Computer Hope: https://www.computerhope.com/ Google Web Fundamentals: https://developers.google.com/web/fundamentals National Institute of Standards and Technology (NIST) Computer Security Resource Center: https://csrc.nist.gov/ OWASP (Open Web Application Security Project): https://owasp.org/	Online References and Websites
%10	Curriculum or Description Update Rate

Course Description Template

1. Module Title	
Conservation and Restoration- Master's Programme	
2. Module Code	
3. Semester / Academic Year	
Second Course, 2022–2023	
4. Date of Module Description Preparation	
30 February 2023	
5. Mode of Attendance	
on-campus	
6. Total Hours / Total Units	
30 hours / 30 Units	
7. Teaching Staff Member (if more than one, list all names)	
Assist. Prof. Dr. Haitham Qasim Mohammed	*Email;* haitham_qasim@uomosul.edu.iq
8. Module Objectives	
Objectives of Study Module	**Introducing students to the nature of conservation and restoration sciences, related terminology, associated disciplines, and the fundamental principles underlying these practices, as well as the causes of deterioration of various types of buildings and the methods of their restoration and maintenance.**
9. Teaching and Learning Strategies	
Strategy	• On-campus lectures supported by visual aids. • Academic discussions.

10. Module Structure

Week	***Hours***	***Expected Learning Outcomes***	***Module or Topic Name***	***Learning Method***	***Assessment Method***
1	**2**	Introducing students to the nature of conservation and restoration sciences.	Introduction to the Subject Matter Dedicated to the Study.	on-campus	Evaluation of the Research's Academic Quality and Presentation Style.
2	**2**	Introducing students to the nature of conservation and restoration sciences.	International Organizations Concerned with the Preservation of Human Heritage and Their Operational Principles.	on-campus	Evaluation of the Research's Academic Quality and Presentation Style.
3	**2**	Introducing students to the nature of conservation and restoration sciences.	Terminology Related to the Sciences of Conservation and Archaeological Restoration.	on-campus	Evaluation of the Research's Academic Quality and Presentation Style.

4	**2**	Introducing students to the nature of conservation and restoration sciences.	Principles of the Venice Charter.	on-campus	Evaluation of the Research's Academic Quality and Presentation Style.
5	**2**	Introducing students to the nature of conservation and restoration sciences.	Principles of the Venice Charter.	on-campus	Evaluation of the Research's Academic Quality and Presentation Style.
6	**2**	Introducing students to the nature of conservation and restoration sciences.	Factors Causing the Deterioration of Stone, Brick, and Mudbrick Buildings.	on-campus	Evaluation of the Research's Academic Quality and Presentation Style.
7	**2**	Introducing students to the nature of conservation and restoration sciences.	Effects of Moisture, Salts, and Weathering on Archaeological Structures.	on-campus	Evaluation of the Research's Academic Quality and Presentation Style.
8	**2**	Introducing students to the nature of conservation and restoration sciences.	Approved Methods for the Restoration and Conservation of Archaeological Buildings.	on-campus	Evaluation of the Research's Academic Quality and Presentation Style.
9	**2**	Introducing students to the nature of conservation and restoration sciences.	Approved Methods for the Restoration and Conservation of Archaeological Buildings.	on-campus	Evaluation of the Research's Academic Quality and Presentation Style.
10	**2**	Introducing students to the nature of conservation and restoration sciences.	Restoration and Conservation Practices for Different Types of Archaeological Buildings and Their Treatment Approaches.	on-campus	Evaluation of the Research's Academic Quality and Presentation Style.
11	**2**	Introducing students to the nature of conservation and restoration sciences.	Techniques Used in the Restoration of Ancient Buildings (Case Study: The Palace of the Awwāwīn in Assur).	on-campus	Evaluation of the Research's Academic Quality and Presentation Style.

12	**2**	Introducing students to the nature of conservation and restoration sciences.	Techniques Used in the Restoration of Ancient Buildings (Case Study: The City of Nineveh).	on-campus	Evaluation of the Research's Academic Quality and Presentation Style.
13	**2**	Introducing students to the nature of conservation and restoration sciences.	Techniques Used in the Restoration of Islamic Architecture (Case Study: The Minaret of Al-Nuri Mosque).	on-campus	Evaluation of the Research's Academic Quality and Presentation Style.
14	**2**	Introducing students to the nature of conservation and restoration sciences.	Techniques Used in the Restoration of Ancient Buildings (Case Study: Qarah Saray).	on-campus	Evaluation of the Research's Academic Quality and Presentation Style.
15	**2**	Introducing students to the nature of conservation and restoration sciences.	General Review.	on-campus	Evaluation of the Research's Academic Quality and Presentation Style.

11. Module Assessment

The daily mark, out of 30, is based on assigned tasks such as the quality of scientific research, sources used, and the presentation style of the material. A written exam at the end of the semester carries 70 marks, making the total mark out of 100.

12. Learning and Teaching Resources

Required Textbooks (Academic, if available)	
Main References (Sources)	Abdullah, I. M. Restoration and Maintenance of Historical Buildings. Tauraka, G. Material Technology and Conservation of Historical Buildings. Shahin, A. M. Restoration and Maintenance of Historical Buildings. Omran, H. Historical Buildings: Their Restoration and Conservation. Beshar, P. Emergency Procedures and Damage Assessment after Earthquakes. Al-Azzawi, A. S. Restoration and Maintenance of Buildings. Other relevant references.
Recommended Supporting Books and References (Scientific Journals, Articles, etc.)	
Online References and Websites	
Curriculum or Description Update Rate	

Course Description Template

1. Module Title
Planning of Cities in the Ancient Iraq– Master's Programme
2. Module Code
3. Semester / Academic Year
Second Course, 2022–2023
4. Date of Module Description Preparation
30 February 2023
5. Mode of Attendance
on-campus
6. Total Hours / Total Units
30 hours / 30 Units
7. Teaching Staff Member (if more than one, list all names)
Assist. Prof. Dr. Hiba Hazim Mohammed *Email;* hiba_hazim@uomosul.edu.iq
8. Module Objectives

Objectives of Study Module	• **Developing student skills.** • **Exploring methods.** • **Scientifically evaluating students.**

9. Teaching and Learning Strategies	
Strategy	Direct instruction of the student through the preparation and discussion of research papers.

10. Module Structure

Week	***Hours***	***Expected Learning Outcomes***	***Module or Topic Name***	***Learning Method***	***Assessment Method***
1	**2**	An added scholarly value for the student.	Introduction to the layout of ancient cities.	on-campus	Examinations
2	**2**	An added scholarly value for the student.	Nineveh.	on-campus	Examinations
3	**2**	An added scholarly value for the student.	Dur-Sharrukin.	on-campus	Examinations
4	**2**	An added scholarly value for the student.	Kalhu (Nimrud).	on-campus	Examinations
5	**2**	An added scholarly value for the student.	Aššur.	on-campus	Examinations
6	**2**	An added scholarly value for the student.	Babylon.	on-campus	Examinations
7	**2**	An added scholarly value for the student.	Sippar.	on-campus	Examinations
8	**2**	An added scholarly value for the student.	Borsippa.	on-campus	Examinations
9	**2**	An added scholarly value for the student.	Ur.	on-campus	Examinations
10	**2**	An added scholarly value for the student.	Uruk.	on-campus	Examinations
11	**2**	An added scholarly value for the student.	Eridu.	on-campus	

12	**2**	An added scholarly value for the student.	Tell Ebla.	on-campus	Examinations
13	**2**	An added scholarly value for the student.	Tell Abu Salabikh.	on-campus	Examinations
14	**2**	An added scholarly value for the student.	Hatra.	on-campus	Examinations
15	**2**	An added scholarly value for the student.	al-Hira.	on-campus	Examinations

11. Module Assessment

The daily mark, out of 30, is based on assigned tasks such as the quality of scientific research, sources used, and the presentation style of the material. A written exam at the end of the semester carries 70 marks, making the total mark out of 100.

12. Learning and Teaching Resources

Required Textbooks (Academic, if available)	
Main References (Sources)	
Recommended Supporting Books and References (Scientific Journals, Articles, etc.)	
Online References and Websites	
Curriculum or Description Update Rate	

Course Description Template

1. Module Title
Pottery in the Ancient Iraq- Master's Programme
2. Module Code
3. Semester / Academic Year
Second Course, 2022–2023
4. Date of Module Description Preparation
30 February 2023
5. Mode of Attendance
on-campus
6. Total Hours / Total Units
30 hours / 30 Units
7. Teaching Staff Member (if more than one, list all names)
Prof. Dr. Jaber Khalil Ibrahim *Email; @uomosul.edu.iq*
8. Module Objectives

Objectives of Study Module	• **Familiarising students with the study of pottery.** • **Familiarising students with the principles of pottery analysis, including descriptive methodology, fabric composition, typological categorisation, and chronological evaluation.**

9. Teaching and Learning Strategies	
Strategy	• On-campus lectures supported by visual aids. • Academic discussions.

10. Module Structure

Week	***Hours***	***Expected Learning Outcomes***	***Module or Topic Name***	***Learning Method***	***Assessment Method***
1	**2**	Cognitive aspects	Neolithic Pottery	on-campus	Research Overview and Questions
2	**2**	Cognitive aspects	Hassuna Pottery	on-campus	
3	**2**	Cognitive aspects	Samarra Pottery	on-campus	Research Overview and Questions
4	**2**	Cognitive aspects	Halaf Pottery	on-campus	
5	**2**	Cognitive aspects	Ubaid Pottery	on-campus	
6	**2**	Cognitive aspects	Nineveh V Pottery	on-campus	Research Overview and Questions
7	**2**	Cognitive aspects	Early Dynastic I, II, III Pottery	on-campus	
8	**2**	Cognitive aspects		on-campus	Research Overview and Questions

9	**2**	Cognitive aspects	Sumerian and Akkadian Pottery	on-campus	
10	**2**	Cognitive aspects	Babylonian Pottery	on-campus	
11	**2**	Cognitive aspects	Assyrian Pottery	on-campus	Research Overview and Questions
12	**2**	Cognitive aspects	Achaemenid Pottery	on-campus	
13	**2**	Cognitive aspects	Seleucid (Hellenistic) Pottery	on-campus	Research Overview and Questions
14	**2**	Cognitive aspects	Parthian Pottery	on-campus	
15	**2**	Cognitive aspects	Sasanian Pottery	on-campus	

11. Module Assessment

The daily mark, out of 30, is based on assigned tasks such as the quality of scientific research, sources used, and the presentation style of the material. A written exam at the end of the semester carries 70 marks, making the total mark out of 100.

12. Learning and Teaching Resources

Required Textbooks (Academic, if available)	
Main References (Sources)	
Recommended Supporting Books and References (Scientific Journals, Articles, etc.)	
Online References and Websites	
Curriculum or Description Update Rate	

Course Description Template

1. Module Title
Sumerian Cuneiform Texts– Master's Programme
2. Module Code
3. Semester / Academic Year
Second Course, 2022–2023
4. Date of Module Description Preparation
30 February 2023
5. Mode of Attendance
on-campus
6. Total Hours / Total Units
30 hours / 30 Units
7. Teaching Staff Member (if more than one, list all names)
Assist. Prof. Dr. Khalid Haider Othman *Email; kh_othman1975@uomosul.edu.iq*
8. Module Objectives

Objectives of Study Module	• **Study of Sumerian syntax.** • **Study of Sumerian philology.** • **Reading, analysis, and syntactic parsing of texts…**

9. Teaching and Learning Strategies	
Strategy	• On-campus lectures supported by visual aids. • Academic discussions.

10. Module Structure

Week	***Hours***	***Expected Learning Outcomes***	***Module or Topic Name***	***Learning Method***	***Assessment Method***
1	**2**	The Noun in the Sumerian Language.	Analysis and Study.	on-campus	Discussions
2	**2**	The Noun.	Analysis.	on-campus	Discussions
3	**2**	The Verb.	Analysis.	on-campus	Discussions
4	**2**	The Sentence in the Sumerian Language.	Relevant examples.	on-campus	Discussions
5	**2**	The Adjective in the Sumerian Language.	Types with Examples.	on-campus	Discussions and Examinations
6	**2**	Texts of Prince Gudea.	Analysis.	on-campus	Discussions
7	**2**	Texts of Prince Gudea.	Analysis.	on-campus	Discussions
8	**2**	Texts of Prince Gudea.	Analysis.	on-campus	Discussions
9	**2**	Texts of Prince Gudea.	Analysis.	on-campus	Discussions
10	**2**	Texts from the Ur III Period.	Relevant examples.	on-campus	Discussions and Examinations
11	**2**	Texts from the Ur III Period.	Analysis.	on-campus	
12	**2**	Texts from the Ur III Period.	Analysis.	on-campus	
13	**2**	Texts from the Ur III Period.	Analysis.	on-campus	Discussions and Examinations
14	**2**			on-campus	
15	**2**			on-campus	

11. Module Assessment	
The daily mark, out of 30, is based on assigned tasks such as the quality of scientific research, sources used, and the presentation style of the material. A written exam at the end of the semester carries 70 marks, making the total mark out of 100.	
12. Learning and Teaching Resources	
Required Textbooks (Academic, if available)	
Main References (Sources)	
Recommended Supporting Books and References (Scientific Journals, Articles, etc.)	
Online References and Websites	
Curriculum or Description Update Rate	