University of Mosul
جامعة الموصل

First Cycle – Bachelor's Degree (B.Sc.) – Networks science

بكالوريوس – علوم الشبكات

University of Al Mosul

Bachelor of Computer Science and Mathematics / Department of Networks

بكالوريوس علوم الحاسوب والرياضيات/ قسم الشبكات

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1. Overview

This catalogue is about the courses (modules) given by the program of Networks science to gain the Bachelor of Science degree. The program delivers (46) Modules with (6000) total student workload hours and 240 total ECTS. The module delivery is based on the Bologna Process.

نظره عامه

يتناول هذا الدليل المواد الدراسية التي يقدمها برنامج علوم الشبكات للحصول على درجة بكالوريوس العلوم. يقدم البرنامج (48) مادة دراسية، على ، مع (٦٠٠٠) إجمالي ساعات حمل الطالب و ٢٤٠ إجمالي وحدات أوروبية. يعتمد تقديم المواد الدراسية على عملية بولونيا.

2. Undergraduate Modules 2023-2024

Module 1

Code	Course/Module Title	ECTS	Semester
NT101	Information Technology Basics	6	1
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
3	2	78	72
Description			
This course introduces students to the essential technical and professional skills required in the field of Information Technology (IT). Through written assignments, students gain an understanding of the operation of computers, computer networks, Internet fundamentals, programming, and computer support. We hope the students also learn about the social impact of technological change and the ethical issues related to technology. Throughout the course, instructional activities emphasize safety, professionalism, accountability, and eefficiency for workers within the eld of IT. Indeed, this course of an Information Technology under Network Department cover the infrastructure model of information technology discipline that deals with the computation of hardware and software, involving other programming languages, which form an essential part of Information Technology. Therefore, the course offers overview in various elds for information technology in terms of computer networks such as Data Science, Cloud Computing, Software Engineering, and also Artificial Intelligence, Machine Learning, Block-chain Engineering, etc.			

Module 2

Code	Course/Module Title	ECTS	Semester
NT102	Problems Solving & Programming I	8	1
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
4	3	108	92
Description			
The course "Problem Solving and Programming I" introduces students to the fundamental concepts of problem solving and programming using the C++ language. Through a combination of theoretical knowledge and practical exercises, students learn how to approach problems systematically, design algorithms, and implement solutions using C++ programming constructs. The course covers essential topics such as variables, data types, control structures, functions, and basic input/output operations in C++. Students gain hands-on experience in writing and executing C++ programs, developing their skills in problem analysis, logical thinking, and algorithmic design. They also learn the importance of code organization, readability, and debugging techniques. By the end of the course, students acquire a strong foundation in C++ programming, problem-solving strategies, and the ability to translate real-world problems into well-structured and efficient C++ programs. This course serves as a stepping stone for further exploration in advanced programming concepts and application development using C++.			

Module 3

Code	Course/Module Title	ECTS	Semester
NT103	Calculus	5	1
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
2	1	48	77
Description			
The course description of Calculus provides students with a comprehensive introduction to the fundamental concepts and techniques of calculus. The course focuses on differential calculus and lays the groundwork for further exploration of integral calculus in subsequent courses. Through a combination of lectures, problem-solving exercises, and application-based examples, students develop a solid understanding of calculus and its practical applications. The course description provides the students with how to understand the concept of limits and continuity and their significance in calculus. Also provide the ability to compute derivatives of algebraic, trigonometric, exponential, and logarithmic functions using basic differentiation rules. They help the students to understand how to apply differentiation techniques to solve problems involving rates of change, tangent lines, optimization, and related rates. As well as to analyze functions using differentiation, including determining intervals of increase and decrease, local extrema, and concavity. Interpret and sketch graphs of functions using calculus tools and techniques. Learn the concept of antiderivatives and evaluate definite and indefinite integrals. Apply integration techniques, such as substitution and integration by parts, to solve integration problems. Finally, provide a complete overview of understanding the Fundamental Theorem of Calculus and its applications in evaluating definite integrals and finding accumulation functions. Solve real-world problems using calculus concepts and techniques, including applications in physics, economics, and other disciplines. And develop critical thinking and problem-solving skills through the application of calculus to a variety of contexts.			

Module 4

Code	Course/Module Title	ECTS	Semester
NT104	Logic Design Fundamentals	7	1
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
3	3	93	82
Description			
Logic Design Fundamentals is an introductory course that provides a comprehensive understanding of the fundamental principles and techniques used in digital logic design. The course explores the basic building blocks of digital circuits, including logic gates, combinational and sequential circuits, and introduces students to various methods of representing and manipulating digital information. Students will learn about Boolean algebra, truth tables, and logic functions, and how to design and analyze logic circuits using these concepts. The course also covers topics such as simplification techniques, Karnaugh maps, and state machines. Through theoretical explanations, practical examples, and hands-on projects, students will develop the skills necessary to design and implement digital systems, laying a strong foundation for further studies in computer science or related fields.			

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Module 5

Code	Course/Module Title	ECTS	Semester
UOM102	English Language1	2	1
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
2	0	33	17
Description			
English1 is an introductory course designed to develop the English language skills of students in the Computer Networks Department. The course focuses on building a strong foundation in listening, speaking, reading, and writing skills. Students will learn and practice essential English language components such as vocabulary, grammar, and pronunciation through various interactive activities and exercises. The course aims to improve students' communication abilities, enabling them to effectively participate in academic and professional contexts related to computer networks. Additionally, the course emphasizes the development of critical thinking and problem-solving skills through the analysis of authentic texts and discussions on relevant topics. By the end of the course, students will gain confidence in expressing themselves in English and be equipped with the necessary language skills for their future studies and careers in the computer networks field.			

Module 6

Code	Course/Module Title	ECTS	Semester
UOM104	Democracy and Human Rights	2	1
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
2	0	33	17
Description			
مادة الديمقراطية وحقوق الإنسان تهدف إلى تعريف الطلاب بمفهوم الديمقراطية وحقوق الإنسان وأهميتهما في المجتمع. تتناول المادة القيم والمبادئ التي تشكل أساس الديمقراطية، مثل حرية التعبير، وحق التصويت، وحق المشاركة السياسية. كما تناقش المادة الحقوق الأساسية للإنسان، مثل حق الحياة، وحقوق المرأة، وحقوق الأقليات، وحقوق العمال. تركز المادة أيضًا على أهمية حماية حقوق الإنسان وتعزيز العدالة الاجتماعية. يشمل منهج المادة دراسة العديد من المواضيع المهمة، مثل التشريعات الوطنية والدولية المتعلقة بحقوق الإنسان، وأثر الديمقراطية في تحقيق التنمية المستدامة، وتحليل الصراعات والانتهاكات لحقوق الإنسان. كما يتم مناقشة حالات دراسية وتحليل السياق الاجتماعي والسياسي للتحديات التي تواجه حقوق الإنسان في المجتمعات المختلفة. تعتمد استراتيجيات التدريس في هذه المادة على مزيج من المحاضرات التوضيحية والمناقشات الجماعية والدراسات الحالية والأنشطة العملية. يتم تشجيع الطلاب على المشاركة النشطة وتوظيف مهارات التحليل والتفكير النقدي في مناقشة قضايا حقوق الإنسان والديمقراطية. تهدف هذه الاستراتيجيات إلى توسيع فهم الطلاب لمفهوم الديمقراطية وحقوق الإنسان وتطبيقها في الحياة العملية			

Module 7

Code	Course/Module Title	ECTS	Semester
NT107	Problems Solving & Programming 2	6	2
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
2	3	78	72
Description			
The course "Problem-Solving and Programming II in C++" focuses on further developing problem-solving skills and advancing programming knowledge using the C++ language. Students delve deeper into C++ programming concepts and techniques, such as advanced control structures, file handling, string manipulation, dynamic memory allocation, and exception handling. Through a combination of theory and practical exercises, students learn to write efficient and well-structured programs, analyze complex problems, and implement effective solutions using the C++ language. The course emphasizes logical thinking, algorithmic design, and code optimization. By the end of the course, students gain a solid understanding of intermediate-level C++ programming and problem-solving techniques, preparing them for more advanced programming topics and practical applications in various domains.			

Module 8

Code	Course/Module Title	ECTS	Semester
NT108	Computer Organization	5	2
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
2	2	63	62
Description			
Computer Organization is a comprehensive course that provides a deep understanding of the architecture and organization of computer systems, with a specific focus on the Intel 8086 microprocessor. The course covers the internal structure of the 8086 processor, including its registers, instruction set, and addressing modes. Students will learn about memory organization, addressing schemes, and the interaction between the processor and memory. The course also explores input/output interfaces, interrupt handling, and the role of the system bus. Through hands-on exercises and projects, students will gain practical experience in programming and debugging 8086 assembly language code. Additionally, the course covers advanced topics such as memory segmentation, multitasking, and protected mode operation. By the end of the course, students will have a comprehensive understanding of computer organization principles and be proficient in designing and programming systems using the 8086 processor architecture.			

Module 9

Code	Course/Module Title	ECTS	Semester
NT109	Data communication & Networking	5	2
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
3	1	63	62
Description			
Communication and Networks Fundamentals is an introductory course that provides a comprehensive understanding of the fundamental concepts and principles underlying communication systems and computer networks. The course covers various topics such as data transmission, signal encoding, modulation techniques, multiplexing, and error detection and correction. Students will learn about the different network topologies, protocols, and architectures, including local area networks (LANs), wide area networks (WANs), and the internet. The course also explores networking devices, such as routers and switches, and the layers of the TCP/IP protocol stack. Through practical exercises and simulations, students will gain hands-on experience in configuring network devices and troubleshooting network issues. By the end of the course, students will have a solid foundation in communication systems and computer networks, enabling them to understand, design, and analyze network architectures and protocols.			

Module 10

Code	Course/Module Title	ECTS	Semester
NT110	Probabilities & statistics	5	2
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
2	2	63	62
Description			
This course covers the Statistical and probability Modeling in R. The students will learn both theoretical and practical techniques for applying models to data. Focus will be placed on regression models, which are used to model a variable of interest as a function of explanatory variables. Additionally, the students will learn the mathematical fundamentals of linear models, a broad range of models that are the first line of defense in numerous application areas. By the end of the course, the students will be able to critique and distinguish variables and models that are useful for predicting and explaining the behavior of a response variable of interest. Additionally, they will work with the R programming language to perform analyses and generate reproducible reports.			

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Module 11

Code	Course/Module Title	ECTS	Semester
NT111	Discrete Mathematics	4	2
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
2	1	48	52
Description			
The Discrete Mathematics course at the undergraduate level introduces students to fundamental concepts and techniques used in the field of discrete mathematics. This course focuses on topics such as sets, logic, mathematical reasoning, combinatorics, graph theory, and discrete structures. Students will learn how to analyze and solve problems using mathematical principles and logical reasoning. They will explore concepts such as proof techniques, algorithms, and discrete modeling. Through a combination of lectures, problem-solving exercises, and mathematical proofs, students will develop critical thinking and problem-solving skills applicable to various areas, including computer science, cryptography, and operations research. This course aims to provide a strong foundation in discrete mathematics, enabling students to understand and apply mathematical concepts in real-world scenarios.			

Module 12

Code	Course/Module Title	ECTS	Semester
UOM101	Arabic Language 1	2	2
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
2	0	33	17
Description			
في هذا المقرر نركز على الكلام العربي على اقسامة، وعلامات كل قسم منه والتعرف على المهارات الغوية في تنمية الذوق اللغوي، وتحسين الأسلوب لدى المتعلمين والتغلب على الاخطاء الشائعة لدى المتكلمين والكتاب من خلال حركات الاعراب الاصلية والفرعبة بالاضافة الى دراسة الفعل العربي الذي ينقسم نت حيث الصحه والاعلال واللزوم والتعدي من حيث الزمن، هناك الكثير من التفاصيل التي سوف نتناولها في هذا الفصل الدراسي			

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Module 1**3**

Code	Course/Module Title	ECTS	Semester
UOM103	Computer	3	3
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
1	2	48	27
Description			
This course provides an introduction to essential computer skills, focusing on Information Technology concepts, Microsoft Office applications, and basic internet usage. Students will explore IT fundamentals, including hardware, software, and data management, and gain practical experience in Microsoft Office tools like Word, Excel, and PowerPoint. The course also covers internet basics, including browsing, searching, and online safety. By the end of the course, students will be equipped with foundational skills necessary for effective digital communication and productivity in modern workplaces. .			

Module 14

Code	Course/Module Title	ECTS	Semester
NT201	Object Oriented Programming	8	3
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
2	5	108	82

Description

The course "Object-Oriented Programming in C++" builds upon the foundational knowledge acquired in the introductory course, focusing on advanced concepts and techniques in object-oriented programming (OOP) using the C++ language. Students delve deeper into OOP principles, including inheritance, polymorphism, encapsulation, and abstraction. Through a combination of theoretical instruction and practical exercises, students learn to design and implement complex software solutions using OOP methodologies. The course emphasizes the importance of code reusability, modularity, and maintainability. Students gain hands-on experience in developing robust and scalable programs, employing advanced features such as templates, operator overloading, and exception handling. By the end of the course, students acquire a comprehensive understanding of advanced OOP concepts in C++, enabling them to design sophisticated software systems and effectively collaborate in larger programming projects. This course serves as a stepping stone for further studies and practical application in software development and related fields.

Module 15

Code	Course/Module Title	ECTS	Semester
NT202	Web Development I	6	3
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
2	2	63	87
Description			
Web Development 1 is an introductory course designed to provide students with the fundamental knowledge and skills required to build basic websites. Students will learn the basics of web development languages, such as HTML and CSS, and will explore various web design principles and techniques. Through hands-on projects and exercises, students will gain practical experience in creating and styling web pages, incorporating multimedia elements, and understanding the basics of web accessibility. This course aims to cultivate students' creativity and problem-solving skills while introducing them to the exciting world of web development.			

Module 16

Code	Course/Module Title	ECTS	Semester
NT203	Network Protocols I	4	3
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
2	1	48	52
Description			
The TCP/IP Protocol Suite course provides a comprehensive introduction to the fundamental concepts and principles of the TCP/IP networking model. This course explores the key components of the TCP/IP protocol suite, including its layers, infrastructure network, IP addressing, subnetting, supernetting, classful addressing, classless addressing, and data delivery and routing.During the course, students will gain a deep understanding of the Internet's evolution, its architecture, and the role of the TCP/IP protocol suite in enabling global communication. They will explore the functions and responsibilities of each layer in the TCP/IP model, examining the protocols and services associated with them.The course delves into network infrastructure and connecting devices, providing insights into various network topologies and common devices such as switches, routers, and hubs. Students will learn about the benefits and limitations of different network infrastructures, preparing them to design and configure efficient networks.IP addressing is a fundamental aspect of TCP/IP networking, and this course covers classful addressing, special addressing, subnetting, supernetting, and classless addressing. Students will learn to allocate IP addresses, perform subnet calculations, and implement address summarization techniques for efficient network management.Delivery and routing play a crucial role in transmitting data across networks, and students will explore the encapsulation and decapsulation processes, along with routing principles and algorithms. They will gain hands-on experience in configuring and troubleshooting routing protocols to ensure reliable data delivery.Throughout the course, practical applications and real-world examples will be used to reinforce the concepts covered. Students will have the opportunity to apply their knowledge through lab exercises, network design tasks, and troubleshooting scenarios.By the end of the course, students will have developed a solid foundation in TCP/IP networking. They will be equipped with the necessary knowledge and skills to design, configure, and troubleshoot TCP/IP networks, effectively manage IP addressing, and understand the intricacies of data delivery and routing. The course aims to prepare students for success in the ever-evolving field of networking, promoting critical thinking, problem-solving, and effective communication			

Module 17

Code	Course/Module Title	ECTS	Semester
NT204	Data Structures	6	3
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
2	2	63	87
Description			
Data Structures is an essential course that delves into the study of organizing and manipulating data efficiently. The course covers various data structures, including arrays, linked lists, stacks, queues, trees, and graphs, along with their associated algorithms and operations. Students will learn how to analyze the time and space complexity of data structure operations and make informed decisions about their selection based on different application requirements. The course emphasizes the design and implementation of data structures, as well as techniques for searching, sorting, and manipulating data within these structures. Through practical programming assignments and problem-solving exercises, students will gain hands-on experience in implementing and utilizing data structures to solve real-world problems. By the end of the course, students will have a solid understanding of the strengths and limitations of different data structures, enabling them to design efficient algorithms and optimize performance in various computational tasks.			

Module 18

Code	Course/Module Title	ECTS	Semester
NT205	IT Ethics	2	3
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
2		33	17
Description			
This course provides an introduction to network security concepts and technologies. It covers the fundamental principles of network security, including cryptography, symmetric and asymmetric encryption algorithms, key management, authentication, and access control. The course also covers network security protocols, wireless network security, and the principles and configuration of firewalls. Students will learn advanced firewall concepts, including intrusion detection systems (IDSs) and virtual private networks (VPNs). The course includes a mid-term exam to assess students' understanding of the topics covered in the first half of the course. In the second half of the course, students will learn about virtual private networks (VPNs), including the different types of VPNs and how they are used to secure network communications. The course concludes with a discussion of network security management and policies, including best practices for managing network security, creating effective security policies, and implementing security controls to protect against network threats.			

Module 19

Code	Course/Module Title	ECTS	Semester
UOM2022	English 2	2	3
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
2		33	17
Description			
English2 is an intermediate-level English course designed to further enhance the language skills of students in the Computer Networks Department. The course focuses on developing advanced listening, speaking, reading, and writing skills necessary for effective communication in academic and professional contexts. Students will engage in a variety of activities, such as debates, presentations, and group discussions, to improve their oral communication skills and critical thinking abilities. The course also emphasizes academic reading and writing skills, including advanced vocabulary and grammar usage. By the end of the course, students will have improved their language proficiency, enabling them to express themselves fluently and accurately in English, both in written and spoken forms, within the context of computer networks.			

Module 20

Code	Course/Module Title	ECTS	Semester
UOM2050	جرائم حزب البعث في العراق	2	3
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
2	0	33	17
Description			

Module 21

Code	Course/Module Title	ECTS	Semester
NT207	Visual Programming	6	4
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
2	2	63	87
Description			
The Visual Programming course at the undergraduate level introduces students to the concepts and techniques of programming using visual tools and environments. This course focuses on developing practical skills in designing and implementing software applications through visual interfaces. Students will learn how to create user-friendly and interactive programs using drag-and-drop interfaces, graphical components, and visual programming languages. They will explore topics such as event-driven programming, user interface design, data visualization, and multimedia integration. Through hands-on projects and practical exercises, students will gain experience in developing applications for various domains, including web development, mobile apps, and interactive media. This course aims to equip students with the ability to translate ideas into visually appealing and functional software solutions, making programming accessible to a wider range of users and industries.			

Module 22

Code	Course/Module Title	ECTS	Semester
NT208	Algorithms Analysis and Design	5	4
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
2	2	63	62
Description			
This course delves into the principles of algorithm analysis and design, providing students with a strong foundation in creating efficient and effective algorithms. Key topics include complexity analysis, Big O notation, recursion, sorting, searching, and data structures. Students will explore both classical algorithms and modern techniques, learning to evaluate and optimize algorithm performance. Through problem-solving and case studies, they will develop skills to design algorithms that solve complex computational problems, preparing them for advanced studies in computer science and real-world applications.			

Module 23

Code	Course/Module Title	ECTS	Semester
NT209	Data Bases	5	4
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
2	2	63	62
Description			
The Database Concepts course provides undergraduate students with a comprehensive introduction to the fundamental principles and techniques of databases. Part I focuses on core concepts such as database management systems (DBMS), data modeling, and the relational database model. Students will learn about entities, attributes, relationships, and how to design a relational schema. They will gain hands-on experience with Structured Query Language (SQL) for data retrieval and manipulation. The course also covers topics like normalization, database security, and basic indexing. Through lectures, practical exercises, and assignments, students will develop a strong foundation in database fundamentals, enabling them to understand and work with databases effectively.			

Module 24

Code	Course/Module Title	ECTS	Semester
NT210	Web Development II	6	4
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
2	2	63	87
Description			
Course Description: Web Development 2 is a continuation of the introductory web development course, focusing on expanding students' skills and knowledge in building dynamic and interactive websites. Students will delve deeper into front-end web development, learning JavaScript and exploring popular frameworks and libraries such as React or Vue.js. They will gain a solid understanding of responsive design principles, user interface (UI) and user experience (UX) design, and web development best practices. Through hands-on projects and collaborative exercises, students will further develop their coding skills and learn how to create interactive web applications.			

Module 25

Code	Course/Module Title	ECTS	Semester
NT211	Network Protocols II	6	4
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
2	2	63	87
Description			
This comprehensive networking course provides an in-depth understanding of key protocols and technologies essential for building and managing modern networks. Students will explore Address Resolution Protocol (ARP) and Reverse Address Resolution Protocol (RARP) for mapping IP addresses to MAC addresses. Dynamic routing protocols will be covered, focusing on their configuration and operation in dynamic network environments. The course delves into Internet Protocol (IP), User Datagram Protocol (UDP), and Transmission Control Protocol (TCP), examining their functionalities and practical applications. Students will also learn about the Domain Name System (DNS), its role in translating domain names to IP addresses, and its implementation. Additionally, Virtual Private Networks (VPN) and Network Address Translation (NAT) will be explored, addressing secure remote access and IP address conservation. The course includes a mid-term examination to assess students' understanding and progress. By the end, students will have acquired the skills and knowledge to design, configure, and troubleshoot networks using these critical protocols and technologies..			

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Module 26

Code	Course/Module Title	ECTS	Semester
UOM2012	Arabic Language 2	2	4
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
2		33	17
Description			
تهدف مادة اللغة العربية 2 إلى تعزيز المهارات الأساسية في اللغة العربية، حيث تركز على تطوير مهارات القراءة والكتابة والتحدث والاستيعاب. تتناول هذه المادة تراكيب جمل أكثر تعقيدًا، وتوسيع المفردات، وتحسين الدقة النحوية. سيشارك الطلاب في مناقشات وكتابة مقالات وتحليل نصوص لتعميق فهمهم للغة. كما تتضمن المادة رؤى ثقافية لتعزيز التقدير للمجتمعات الناطقة بالعربية. بنهاية المادة، يحقق الطلاب طلاقة وثقة أكبر في اللغة العربية الفصحى والمحادثات اليومية.			