

BACHELOR OF SCIENCE IN COMPUTER SCIENCE
SPECIALIZATION: ARTIFICIAL INTELLIGENCE

Total Credits Hours = 120 CR											
STUDENT NAME: اسم الطالب / الطالبة						STUDENT ID NUMBER: الرقم الجامعي					
GENERAL SKILLS COURSES (12 CR) (BSc: 12 CR) = Total 12 CR						CORE COURSES REQUIREMENTS (78 CR) (Core: 72 CR + 6 CRELECTIVE) = Total 78 CR					
COURSE CODE	COURSE TITLE	CR	AY / SEM	PRE-REQUISITE	SIT*	COURSE CODE	COURSE TITLE	CR	AY / SEM	PRE-REQUISITE	SIT*
ENGL112	English for Academic Purposes	3		IELTS ≥ 5.0 or Equivalent		COMP101	Programming I	4			
ART1104	Introduction to AI	3		N/A		COMP102	Programming II	4		COMP102	
ENTR101	Entrepreneurship in Technology	3		Completion of 3 CRs		ELDS103	Fundamentals of Electronics and Digital Systems	3			
EMIR101	Emirates Studies	3		N/A		MATH105	Discrete Mathematics	3			
						MATH106	Calculus	3			
SPECIALIZATION COURSES REQUIREMENTS (18 CR) (Specialization: 18 CR) = Total 18 CR						COMP201	Data Structure	3		COMP102	
						COMP202	Computer Org and Assembly Language	3			
ART1201	Machine Learning	3		ART1104		MATH205	Linear Algebra	3			
ART1302	Deep Learning	3		ART1201		COMP204	Design and Analysis of Algorithms	3		COMP201	
ART1401	Computer Vision	3		ART1201		COMP205	Computer Networks	3			
ART1402	Natural Language Processing	3		ART1201		COMP206	Embedded Systems	3		ELDS103	
ART1503	Robotics	3		MATH106, MATH205, ART1201		COMP207	Databases	3			
ART1501	Big Data Analytics	3		COMP102, MATH208		MATH208	Probability & Statistics	3			
						COMP301	Automata, Computability, and Complexity	3			
PRACTICAL EXPERIENCE & PROJECTS REQUIREMENTS (12 CR) (6 CR for Capstone Projects + 3 CR for CBT + 3 CR for WBT) = Total 12 CR						MATH310	Graph Theory	3			
						COMP303	Computer Architecture	3			
Campus-Based Training (CBT) (3 CR)						COMP402	Computational Geometry	3			
CSC1101	Fundamentals of IT Support and Hardware CBT	1		N/A		MATH401	Optimization Techniques	3			
ART1201	Machine Learning Professional CBT	1		ART1201		RESM406	Research Methods	1			
ART1302	Machine Learning Professional 2 CBT	1		ACBT201		HCI404	Human Computer Interaction	3			
Capstone Project (6 CR)						COMP502	Software Engineering	3			
COMP403	Graduation Project I	1		INTN405		COMP504	IoT	3		COMP206	
COMP503	Graduation Project II	2		COMP403		CYBR501	Cyber Security	3			
COMP603	Graduation Project III	3		COMP503		COMP507	Operating Systems	3		COMP202	
Internship (WBT) (3 CR)						XXXXXX	Program Core Elective 1**	3		SEETHEELECTIVEBASKET(1)	
CSC1405	Internship	3		Completion of 90 CH		XXXXXX	Program Core Elective 2**	3		SEETHEELECTIVEBASKET(1)	
Electives Baskets											
Core Electives Basket - (1) (BSc: 6 CR)											
ETH1302	Professional Ethics in Technology	3									
MANG501	Project Management	3									
COMP604	Cloud Computing	3									
COMP506	Quantum Computing	3									
COMP508	Blockchain Security	3									
COMP605	Mobile App Development	3									
COMP509	Computational Biology	3									
COMP601	Financial Computing	3									
COMP606	Social Network Analysis	3									
COMP607	Quantum Mechanics for Scientists and Engineers	3									
COMP608	Quantum Computing and Quantum Information Science	3									

SIT* (Course Situation):	☒	Pass
	☒	Fail
	R	Currently Registered
	S	Suggested to Register

NOTES:	
Electives**	To be utilized in taking free elective courses according to the following condition: دراسة المقرر والاختيار في الحروف وفقاً للمخطط التالي
1	One course is freely selected from any of the undergraduate courses offered at UoK academic programs. يتم اختيار مقرر واحد بحرية من أي المقررات الجامعية المقدمة في برامج جامعة خورفكان الأكاديمية.

Total Credits Hours: BSc: 120 CR		
Total Credits Hours	120	
Completed Credit Hours	0	
Remaining Credit Hours	0	
Expected Graduation: Semester / Academic Year	-----	-----

Advisor Name:

Advisor Signature:

Students Signature:

Date / Time: Tuesday, 25 November 2025 9:45 AM