College of Computer and Information Sciences
كلية علوم الحاسب والمعلومات

جامعة المجمعة
Majmaah University

Name_____   **ID:**_____   **Email:**_____

Major Concentration Field: Computer Science   **Track:**_____

Instructions: Print or type on the required fileds.
Indicate the term when you expect to attend the course (e.g 2014F, 2015S)
The levels indicate the standard academic program.
Fill out the course code for elective courses including elective Islamic culture courses, elective Arab courses, professional courses, general courses, science courses, and elective track courses

First Year											
Level 1						**Level 2**					
Term	**Code**	**Course**	**Cr.**	**P.R**	**Gr.**	**Term**	**Code**	**Course**	**Cr.**	**P. R**	**G**
	ENG 001	Preparatory English 1	8	N/A			ENG 002	Preparatory English 2	6		
	MATH 001	Introduction to Mathematics 1	2	N/A			ENG 003	English for science and Engineering	2		
	CS 001	Computer Skills	2	N/A			Math 002	Introduction to Mathematics 2	4		
	SKL 001	Learning & Communication Skills	2	N/A			PHY 001	General Physics	3	N/A	

Second Year											
Level 3						**Level 4**					
Term	**Code**	**Course**	**Cr.**	**P. R.**	**Gr.**	**Term**	**Code**	**Course**	**Cr.**	**P.R.**	**G**
	SALAM101	Elective Islamic Culture (1) [1]	2	N/A			ARAB101	Elective Arab Course [2]	2	N/A	
	CS 110	Programming 1	4	N/A			CS 120	Programming 2	4	CS 110	
	MATH 112	Calculus 1	3	N/A			MATH 122	Calculus 2	3	MATH 112	
	MATH 111	Discrete Mathematics	3	N/A			ENG 127	Technical English 2	2	ENG 114	
	PHY 104	Physics 1	3	N/A			PHY 125	Physics 2	3	PHY104	
	ENG 114	Technical English 1	2	N/A			STAT 102	Probability and Statistics	3	N/A	

Third Year											
Level 5						**Level 6**					
Term	**Code**	**Course**	**Cr.**	**P.R.**	**Gr.**	**Term**	**Code**	**Course**	**Cr.**	**P.R.**	**G**
		Elective Islamic Culture (2)[1]	2	N/A			CS 240	Operating Systems	3	CS 210	
	CS 210	Data Structure	3	CS 120				Science Elective [7]	3	N/A	
	MATH 205	Differential Equations	3	MATH112			CS 312	Computer organization	3	MATH 111	
	IS 231	Fundamental of Database	3	CS 120			CS 270	Programming Languages	3	CS 210	
	MATH 107	Linear Algebra	3	MATH 126				Elective General Course 1 [3]	2	CS 120	
	IT250	Elective Professional Course 1 [4]	2	CS 120				Elective Islamic Culture (3) [1]	2	N/A	

Student Signature: **Date: _____**

Faculty Advisor Signature: **Date: _____**

College of Computer and Information Sciences
كلية علوم الحاسب والمعلومات

جامعة المجمعة
Majmaah University

Name: _____ **ID:** _____ **Email:** _____

Major Concentration Field: Computer Science   **Track:** _____

Fourth Year											
Level 7						**Level 8**					
Term	**Code**	**Course**	**Cr.**	**P.R.**	**Gr.**	**Term**	**Code**	**Course**	**Cr.**	**P.R.**	**G**
	CS 310	Computer Graphics	3	CS120			CS 350	Parallel and Distributed Computing	3		
	CS 305	Algorithm Design and Analysis	3	CS210			CS 360	Software Engineering	3	CS210	
	CS 320	Artificial Intelligence	3	MATH111			MATH 254	Numerical Methods	3	MATH205	
	CS 330	Compilers	2	CS270			IT 481	Ethics & Professional Practice	3	N/A	
	IT 341	Data Transmission and Computer Networks	1	CS240			CS 399	Seminar	2	N/A	
		Elective General Course 2 [3]	2	N/A			IS 334	Project Management	3	N/A	

Fifth Year											
Level 9						**Level 10**					
Term	**Code**	**Course**	**Cr.**	**P.R.**	**Gr.**	**Term**	**Code**	**Course**	**Cr.**	**P.R.**	**G**
	CS 450	Information Security	3	IT341				Track Course [5/6]	3		
		Track Course [5/6]	3					Track Course [5/6]	3		
		Track Course [5/6]	3				CS 408	Database Management Systems	3	IS231	
	CS 498	Graduation Project 1	2	120 cr			CS 499	Graduation Project 2	3	IT 498	
	CS 400	Summer Training	1					Elective Professional Course 3 [4]	2	100 Cr.	
		Elective Professional Course 2 [4]	2	100 Cr.							

NOTES:

1- ISL 101 Introduction to Islamic Culture, ISL 102 Islam and Society Building , ISL 103 Economic System in Islam , and ISL 104 Fundamental of Political System in Islam.

2- ARAB 101 Arabic Language Skills , and ARAB 102 Arabic Writing.

3- Principles of Health and Fitness, Business Entrepreneurship, Societal Issues, Human Rights, Family and Childhood Systems, and General English

4-List of professional courses

5-CS 430 Design and Architecture of Large Software System, CS 431 Low-Level Design of Software, CS 432 Software Modeling and Analysis, CS 433 Software Project Management, CS 434 Software Evolution (Maintenance), and CS 435 Software Architectures

6- CS 440 Coding and Information Theory, CS 441 Security Management, CS 442 Computer Security, CS 443 Formal Methods for Cryptography, CS 444 Internet Security, tools & techniques, and CS 445 Network Management and Security

7-List of Elective Scinces courses.

Student Signature: _____   **Date:** _____

Faculty Advisor Signature: _____   **Date:** _____