



First: University Requirements (27 Credit Hours)

a- University Compulsory: (15 Credit Hours)

Module No.	Module Name	Credit Hours	Prereq.	Mark
0111100	Military Sciences **	3	----	
0111101	National Education	3	----	
0114101	Arabic Language Skills (1)	3	0114099	
0130101	English Language Skills (1)	3	0130099	
0130102	English Language Skills (2)	3	0130101	

** Compulsory for Jordanian students and elective for Non-Jordanians

b- University Electives: (12 credit hours)

Module No.	Module Name	Credit Hours	Prereq.	Mark
0111112	Introduction to Psychology	3	---	
0111133	Human Thought and Civilization (1)	3	---	
0140111	Language Skills (1)	3	---	
0140112	Language Skills (2)	3	---	
0240152	Environmental Culture	3	---	
0330111	Introduction to Project Management	3	---	
0420140	Human Rights	3	---	
0420143	Legal Culture	3	---	
0610230	Entrepreneurship and Creativity	3	---	
0731102	Social Networking Skills	3	---	
0780101	Connectivity & Communications Skills	3	---	
0910102	Health Education	3	---	

Second: Faculty Requirements (24 Credit Hours)

Module No.	Module Name	Credit Hours	Prereq.	Mark
0721223	Object-Oriented Programming *	3	0750114	
0721240	Computing Ethics	3	0731110	
0731110	Introduction to Information Systems and Technology	3	----	
0731213	Introduction to Web Programming	3	0750114	
0750113	Programming Fundamentals (1) *	3	----	
0750114	Programming Fundamentals (2) *	3	0750113	
0750215	Visual Programming *	3	0721223	
0780110	Introduction to Internet and Web Technology	3	----	

Third: Major Requirements (81 Credit Hours)

a- Compulsory Modules (42 Credit Hours)

Module No.	Course Name	Credit Hours	Prereq.	Mark
0780111	Web Engineering Fundamentals	3	0780110	
0780220	Fundamentals of e-Government	3	0780111	
0780221	Requirements Engineering for Web Applications	3	0780111	
0780230	Web Documents *	3	0780111	
0780320	Web System Analysis and Design	3	0780221	
0780321	Web Process and Project Management	3	0780221	
0780323	Web Applications Usability *	3	0780320	
0780324	Web Services	3	0780340	
0780340	Web Server Side Technologies *	3	0780230	
0780341	Web Client side Technologies *	3	0780230	
0780420	e-Commerce System Engineering	3	0780323	
0780423	Quality Assurance and Testing of Web Applications	3	0780320	
0780431	Web Security	3	0731340	
0780470	Practical Training	0	90 Hours	
0780480	Project (1) *	1	90 Hours	
0780481	Project (2) *	2	0780480	

b- Supplementary Compulsory Requirements (30 Credit Hours)

Module No.	Module Name	Credit Hours	Prereq.	Mark
0250231	Introduction to Statistics and Probabilities	3	0750120	
0721224	Data Structures *	3	0721223	
0731221	Database Fundamentals *	3	0721223	
0731340	Fundamentals of Computer Networks *	3	0721224	
0731423	Data Mining	3	0750464	
0750120	Discrete Mathematics	3	0750099	
0750272	Numerical Analysis	3	0750114	
0750323	Algorithms	3	0721224	
0750335	Operating Systems	3	0721224	
0750464	Information and Data Retrieval	3	0731221	

c- Elective Modules (9 Credit Hours)

Module No.	Module Name	Credit Hours	Prereq.	Mark
0780344	Mobile Web Applications	3	0780323	
0780346	Web Server Administration	3	0780340	
0780430	Semantic Web	3	0780324	
0780432	Special Topics in Web Engineering	3	0780341	
0780445	Cloud Computing based Development	3	0780324	

***All major modules include at least 25% Practical work, Tutorial, Lab., and Assignment**

All students must apply for level exam in Arabic and English languages and Computer skills