



New Course Requirements for the Undergraduate Computer Science Program

I. Summary of Graduation Requirements

University Required Courses	15 credits
Faculty and Major Required Courses	68 credits
Free Elective Courses	15 credits
Total	98 credits

II. Details of Graduation Requirements

1. University Required Courses

Code	Courses	Credits	Prerequisites	Co-requisites
ADM105	Introduction to Information Technology	3		
LIT104	مدخل الى الحضارة العربية و الإسلامية	3		
LIT110	Arabic Language I	3		
LIT120	English Language I	3		
LIT125	English Language II	3	LIT120	
Total		15		

2. Faculty and Major Required Courses

Code	Courses	Credits	Prerequisites	Co-requisites
CSC101	Programming I	2		
CSC101L	Programming I Lab	1		
CSC102	Logic Design	3		
CSC103	Database Systems	2		
CSC103L	Database Systems Lab	1		
CSC104	Data Structures	2	CSC210	
CSC104L	Data Structures Lab	1	CSC210	
CSC209	Web Programming I	2		
CSC210	Object Oriented Programming	3	CSC101	



CSC211	Operating Systems	2	CSC101
CSC211L	Operating Systems Lab	1	CSC101
CSC212	Mobile Applications	3	CSC210-CSC209
CSC213	Visual Programming	2	
CSC215	E-Business	3	
CSC216	Web Programming II	3	CSC103-CSC209
CSC219	Enterprise Resource Planning	3	
CSC220	Entrepreneurship for Science	3	
CSC222	Machine Learning with Python	2	
CSC223	Artificial Intelligence with Python	2	
CSC224	Introduction to Robotics and IOT	2	CSC102
CSC307	System Analysis Design	3	CSC103-CSC210
CSC308	Networking	2	
CSC390	Graduation Project	2	CSC210
MAT101	Discrete Math	2	
MAT107	Calculus	3	
Mat108	Linear Algebra	2	
MAT210	Operation Research	3	
MAT310	Numerical Computation	2	
PHY101	General Physics	3	
STAT102	Probability and Statistics	3	
Total		68	

3. Free Elective Courses

Students can select 15 elective course credits from the Faculty of Sciences, or courses from other faculties, independent of their university, faculty or major requirements