



**New Course Requirements for the Undergraduate Computer Science Program
2025/2026**

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

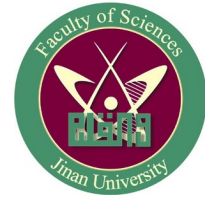
II. Details of Graduation Requirements

1. University Required Courses

Code	Courses	Credits	Prerequisites	Co-requisites
ADM105	Introduction to Information Technology	3		
LIT104	Arabic and Islamic Civilization	3		
LIT110	Arabic Language I	3		
LIT120	English Language I	3		
LIT125	English Language II	3	LIT120	
Total		15		

2. Free Elective Courses

Code	Title	Credits	Prerequisites	Co-requisites
BIO300	Transmission Genetics	2		
PHE239	Bioinformatics	2		
MSA221	Creative Thinking and Problem Solving	3		
ADM115	Introduction to law & Constitutional Law	3	ADM115	
ADM120	Microeconomics	3	ADM120	
ADM195	Business Law	3		
ADM180	Principles of Management	3		
ADM160	Principles of Marketing	3		
ADM221	Total Quality Management	3		
ADM246	Project Management	3		
MAN305	Human Resources Management	3		
MAN330	Leadership	3		
MAN331	Knowledge Management	2		
MKT310	Marketing Management	3		
MKT321	Consumer Behavior	3		
MKT331	Feasibility Study	2		
Total		15		



3. Faculty and Major Required Courses

Code	Courses	Credits	Prerequisites	Co-requisites
CSC101	Programming I	2		
CSC101L	Programming I Lab	1		CSC101
CSC102	Logic Design	3		
CSC103	Database Systems	2	CSC101	
CSC103L	Database Systems Lab	1	CSC101	CSC103
CSC104	Data Structures	2	CSC210	
CSC104L	Data Structures Lab	1	CSC210	CSC104
CSC209	Web Programming I	2	CSC101	
CSC210	Object Oriented Programming	3	CSC101	
CSC211	Operating Systems	2	CSC101	
CSC211L	Operating Systems Lab	1	CSC101	CSC211
CSC212	Mobile Applications	3	CSC210-CSC209	
CSC213	Visual Programming	2	CSC101	
CSC215	E-Business	3		
CSC216	Web Programing II	3	CSC103-CSC209	
CSC219	Enterprise Resource Planning	3		
CSC220	Entrepreneurship for Science	3		
CSC222	Machine Learning with Python	2	CSC223	
CSC223	Artificial Intelligence with Python	2	CSC101	
CSC224	Introduction to Robotics and IOT	2	CSC101	
CSC307	System Analysis Design	3	CSC210	
CSC308	Networking	2		
CSC390	Graduation Project	2	CSC210- CSC213- CSC216	
MAT101	Discrete Math	2		
MAT107	Calculus	3		
Mat108	Linear Algebra	2		
MAT210	Operation Research	3		
MAT310	Numerical Computation	2	CSC101	
PHY101	General Physics	3		
STAT102	Probability and Statistics	3		
Total		68		