



Study Plan for the Undergraduate Computer Science Program

Year 1, Fall Semester

ADM105	Introduction to Information Technology	3
LIT110	Arabic Language I	3
MAT108	Linear Algebra	2
CSC101	Programming I	2
CSC101L	Programing I Lab	1
LIT120	English Language I	3
	Elective Course	3
Total Credits		17

Year 1, Spring Semester

LIT104	Arabic and Islamic Civilization	3
CSC209	Web Programming I	2
MAT107	Calculus	3
PHY101	General Physics	3
CSC210	Object Oriented Programming	3
	Elective Course	3
Total Credits		17

Year 2, Fall Semester

CSC102	Logic Design	3
MAT101	Discrete Math	2
CSC211	Operating Systems	2
CSC211L	Operating Systems Lab	1
CSC213	Visual Programming	2
STAT102	Probability and Statistics	3
	Elective Course	3
Total Credits		16

Year 2, Spring Semester

MAT210	Operation research	3
CSC308	Networking	2
CSC215	E-Business	3
CSC307	System Analysis and Design	3
CSC103	Database Systems	2
CSC103L	Database Systems Lab	1
	Elective Course	3
Total Credits		17

Year 3, Fall Semester

CSC104	Data Structures	2
CSC104L	Data Structures Lab	1
CSC216	Web Programming II	3
CSC223	Artificial Intelligence with Python	2
CSC224	Introduction to Robotics and IoT	2
CSC219	Enterprise Resource Planning	3
LIT125	English Language II	3
Total Credits		16

Year 3, Spring Semester

MAT310	Numerical Computation	2
CSC220	Entrepreneurship for Sciences	3
CSC212	Mobile Applications	3
CSC222	Machine Learning with Python	2
CSC390	Graduation Project	2
	Elective Course	3
Total Credits		15

*Recommended Elective Course:

SCI001 Introduction to Cyber Security 3

*Remedial Courses:

MAT100 Introduction to Mathematic 3

PHY100 Introduction to Physics 3

STAT100 Introduction to Statistics 3

CHE100 Introduction to Chemistry 3