

**Faculty of Information Technology Study Plan Form**  
**Computer Information System**  
**Number of Credit Hours: 135**

**First: University Compulsory Requirements – (12) Credit Hours:**

C #	Course Title	Hrs	Pre.
01101101	Military Sciences	3	For jordinain
01101102	National Education	3	For jordinain
01101111	Arabic Language	3	01100011
01101112	English Language	3	01100012

**Second: University Selective Requirements - (12) Credit Hours:**

C #	Course Title	Hrs	Pre.
01101103	Traffic awareness	3	-
01101104	Leadership and creativity	3	-
01101121	Life skills	3	-
01101131	Islamic Culture	3	-
01101132	Jerusalem and the Hashemite Trusteeship	3	-
01101141	Sports and Health	3	-
01101142	Environment and society	3	-
01101151	Computer Skills	3	01100051
01101161	Economic concepts and systems	3	-
01101171	Psychology and Society	3	-
01101152	Communication and Internet	3	-
01101213	Communication skills in Arabic language	3	01101111
01101214	Communication skills in English language	3	01101112
01101243	Public safety and first aid	3	-
01101281	Scientific Research Methods	3	-
01101282	Introduction to Astronomy	3	-
03011101	Law in our Life	3	-
03021201	Human Rights	3	-

**Third: Faculty Requirements - (21) Credit Hours:**

C #	Course Title	Hrs	Pre.
11021101	General Physics (1)	3	-
11031101	Calculus (1)	3	-
06051110	Programming Methodology	3	-
06051200	Discrete Mathematics	3	-
06051220	Logic Design	3	11021101
06051211	Programming Fundamentals	3	06051110
06032102	Data structures	3	06051211

\* None Jordanian students can enroll in this course or choose any other university course.

\*\* Students must take pre-courses in the case of failure in the following Pre-exams:

Pre-Arabic Language (01100011),  
Pre-English Language (01100012)  
Pre-Computer Skills (01100051)

**Fourth: Department Requirements – (87) Credit Hours, distributed as the following:**

**A. Compulsory Requirements (72) Credit Hours:**

C #	Course Title	Hrs	Pre.
06083223	operating system	3	06032122
06012232	Information systems analysis and design	3	06032112
06032250	Basics of software engineering	3	06032112
06032112	Object-oriented Paradigms	3	06051211
06012201	Algorithms	3	06032102
06033113	Visual programming	3	06032112
06013214	Website Design (1)	3	06032112
06014115	Website Design (2)	3	06013214
06013130	Databases	3	06012201
06082140	Computer networks	3	06051220
06043256	Network security	3	06042150
06042150	Information Security	3	11031230
06013251	Data Warehousing	3	06013130
06014152	Data mining	3	06013251
06013153	Network management	3	06082140
06013231	Database systems management	3	06013130
06014254	Information retrieval systems	3	06013130
06014155	Distributed systems	3	06013130
06013256	Smart phone programming	3	06033113
06014157	Electronic transactions	3	06013214
06014190	Practical training systems	3	Pass 90
06032122	Computer architecture	3	06051220
06014191	Graduation project for information systems	3	Pass90
06043273	Advanced programming	3	06033113

**B. Selective Requirements: (9) Credit Hours:**

C #	Course Title	Hrs	Pre.
06014170	Decision Support Systems	3	06012232
06022173	Multimedia systems	3	-
06033274	Human and computer interaction	3	06033113
06013175	Modeling and simulation	3	11031230
06013176	Artificial intelligence	3	06012201
06043162	Networks and Servers Programming	3	06082140
06034259	Software Project Management	3	06032250
06014171	Selected Topics (1)	3	موافقة القسم
06014272	Selected Topics (2)	3	موافقة القسم

**C. Supportive Requirements (12) Credit Hours:**

C #	Course Title	Hrs	Pre.
11031230	Statistics and Probabilities	3	11031101
06052253	Numeric analysis	3	11031101

**Fifth: Free subject: (3) Credit Hours chosen from the courses offered by the University.**