



First: University Requirements (27 Credit Hours)

a- University Compulsory: (15 Credit Hours)

| Module No. | Module Name | Credit Hours | Prereq. | Mark |
|------------|-----------------------------|--------------|---------|------|
| 0111000 | Student Community Service | 0 | ---- | |
| 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

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 (45 Credit Hours) | | | | |
|---|--|--------------|----------|------|
| Module No. | Module Name | Credit hours | Prereq. | Mark |
| 0790110 | Information Security Fundamentals | 3 | ----- | |
| 0790211 | Principles of Cryptography | 3 | 0750120 | |
| 0790220 | Programming Language in Information Security | 3 | 0721223 | |
| 0790312 | Database Administration Security * | 3 | 0731221 | |
| 0790321 | Cyber Crimes and Networks | 3 | 0790220 | |
| 0790322 | Wireless Computer Networks | 3 | 0731340 | |
| 0790323 | Linux Operating Systems * | 3 | 0731340 | |
| 0790324 | Information Security Protocols | 3 | 0731340 | |
| 0790325 | Forensic and Investigations * | 3 | 0790321 | |
| 0790330 | Practical Training ** | 3 | 90 hours | |
| 0790420 | Network Operating Systems * | 3 | 0790323 | |
| 0790421 | Networks Surveillance and Documentations * | 3 | 0790324 | |
| 0790422 | Networks Security * | 3 | 0790324 | |
| 0790423 | Information Security Risks Management | 3 | 0790422 | |
| 0790440 | Research Project 1 * | 1 | 90 hours | |
| 0790441 | Research Project 2 * | 2 | 0790440 | |

b- Supplementary Requirements (27 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 | |
| 0731321 | Systems Analysis and Design | 3 | 0721111 | |
| 0731340 | Computer Networks Fundamentals * | 3 | 0721224 | |
| 0750120 | Discrete Mathematics | 3 | 0750099 | |
| 0750230 | Digital Logic Design | 3 | 0731110 | |
| 0750272 | Numerical Analysis | 3 | 0750114 | |
| 0750323 | Algorithms | 3 | 0721224 | |

c- Elective Modules (9 Credit Hours)

| Module No. | Module Name | Credit hours | Prereq. | Mark |
|------------|--|--------------|---------------|------|
| 0790326 | Intrusion Detection and Prevention Systems * | 3 | 0790321 | |
| 0790424 | Mobile Devices Security | 3 | 0790322 | |
| 0790425 | Internet Security | 3 | 0790422 | |
| 0790426 | Social Engineering | 3 | 0790321 | |
| 0790427 | Special topics in Information & Cyber Security | 3 | Dept Approval | |
| 0790428 | CryptoCurrency and BlockChain Technology | 3 | 0790211 | |

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

All students must apply for exam in Arabic and English languages and computer

b- University Electives: (12 credit hours)

| Module No. | Module Name | Credit Hours | Prereq. | Mark |
|------------|--------------------------------------|--------------|---------|------|
| 0111112 | Introduction to Psychology | 3 | --- | |
| 0111133 | Human Thought & 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 | --- | |
| 0780101 | Health Education | 3 | --- | |