

**Study Plan for Master's Degree in  
Information Systems Security and Digital  
Criminology  
for year 2011-2012**

The Master's Degree Program (Thesis ) in Information Systems Security and Digital Criminology awarded at Princess Sumaya University for Technology after the successful completion of 33 Credit Hours distributed as follows:-

**Program Requirements (24 CHs)**

**1. Compulsory Requirements (15 CHs)**

| Course Number | Course Title                   | Credit Hours | Prerequisite | Concurrent |
|---------------|--------------------------------|--------------|--------------|------------|
| 11732         | Information Security           | 3            |              |            |
| 11761         | Digital Forensic Investigation | 3            |              |            |
| 11762         | Secure Software Development    | 3            |              |            |
| 11781         | Cyber Law & Crime Fundamentals | 3            |              |            |
| 11791         | Seminar                        | 3            |              |            |

**2. Elective Requirements (9 CHs)**

| Course Number | Course Title   | Credit Hours | Prerequisite | Concurrent |
|---------------|--|--------------|--------------|------------|
| 11763         | Data Communication & Network Security                                | 3            | 11732        |            |
| 11764         | Hacking Techniques & Intrusion Detection                             | 3            | 11732        |            |
| 11765         | Biometrics   | 3            |              |            |
| 11766         | Advanced Digital Forensic  | 3            | 11761        |            |
| 11767         | Wireless Security & Forensics  | 3            |              |            |
| 11768         | OS & File Systems Forensics Analysis                                 | 3            |              |            |
| 11769         | Cryptography   | 3            |              |            |
| 11782         | Forensics Expert In Courtroom  | 3            | 11761,11781  |            |
| 11783         | Information System Risk Management                                   | 3            |              |            |
| 11784         | Special Topics in Information Systems Security & Digital Criminology | 3            | 11732        |            |
| 11786         | Information System Auditing  | 3            |              |            |
| 11787         | Disaster & Crises Management   | 3            | 11783        |            |
| 11789         | IT Project Management  | 3            |              |            |

**Thesis Requirements (9 CHs)**

| Course Number | Course Title | Credit Hours | Prerequisite | Concurrent |
|---------------|--------------|--------------|--------------|------------|
| 11799         | Thesis       | 9            |              |            |
| 117990        | Thesis       | 0            |              |            |
| 117993        | Thesis       | 3            |              |            |
| 117996        | Thesis       | 6            |              |            |