UNIC

# MSc Computer Science

## TABLE 2: COURSE DISTRIBUTION PER SEMESTER (Suggested Semester Breakdown)

| A/A | Course Type | Course Name | Course Code | Periods per week | Period duration | Number of weeks/ Academic semester | Total periods/ Academic semester | Number of ECTS |
|---|---|---|---|---|---|---|---|---|
| Semester 1 | | | | | | | | |
| | R | Cyber-Physical Systems and the Internet of Things | COMP-513 | 4 | 50' | 13 | 52 | 10 |
| | R | Cryptography and Network Security | COMP-514 | 4 | 50' | 13 | 52 | 10 |
| | R | Distributed Systems | COMP-515 | 4 | 50' | 13 | 52 | 10 |
| Semester 2 | | | | | | | | |
| | R | Research Seminars and Methodology | COMP-500 | 2 | 50' | 13 | 52 | 4 |
| Concentration 1: Cyber Security | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| R | Cyber Warfare | COMP-527 | 4 | 50' | 13 | 52 | 10 |
| R | Ethical Hacking | COMP-535 | 4 | 50' | 13 | 52 | 10 |
| R | Project in Cyber Security | COMP-595 | - | - | 13 | - | 6 |

**Concentration 2: Mobile Systems**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| R | Mobile Computing | COMP-525 | 4 | 50' | 13 | 52 | 10 |
| R | Mobile Platforms and Software Development | COMP-528 | 4 | 50' | 13 | 52 | 10 |
| R | Project in Mobile Systems | COMP-596 | - | - | 13 | - | 6 |

**Concentration 3: Blockchain Technologies**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| R | Digital Currencies | COMP-537 | 4 | 50' | 13 | 52 | 10 |
| R | Blockchain Applications | COMP-538 | 4 | 50' | 13 | 52 | 10 |
| R | Project in Blockchain Technologies | COMP-594 | - | - | 13 | - | 6 |

**Semester 3**

Concentration 1: Cyber Security

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| E | Thesis | COMP-599 | - | - | 13 | - | 30 |

**Concentration 2: Mobile Systems**

| E | Thesis | COMP-599 | - | - | 13 | - | 30 |
|---|---|---|---|---|---|---|---|

**Concentration 3: Blockchain Technologies**

| E | Thesis | COMP-599 | - | - | 13 | - | 30 |
|---|---|---|---|---|---|---|---|

Note: The above semester breakdown is an indicative one. In the case that the Thesis option is followed within a concentration, the thesis must be in the area of concentration.