# LIBF

## MSc Cyber Security

### Distance Learning

| Semester | | | Module | Module Code | Credit Points | Type of Assessment |
|---|---|---|---|---|---|---|
| FT | PT I | PT II | | | | |
| 1. Semester (Level 7) | 1. Semester | 1. Semester | Corporate Governance of IT, Compliance, and Law | LIBFEXDLMIGCR-01_E | 15 | Exam |
| | | | Advanced Mathematics | LIBFEXDLMDSAM | 15 | Exam |
| | | | Advanced Research Methods | LIBFWAWADLMARM-01 | 15 | Written Assessment: Written Assignment |
| | | 2. Semester | Cyber Risk Assessment and Management | LIBFEXDLMCSECRAM_E | 15 | Exam |
| | 2. Semester | | Theoretical Computer Science within the context of Computer Security | LIBFEXDLMCSETCSITS_E | 15 | Exam |
| 2. Semester (Level 7) | | | Cyber Systems and Network Analysis | LIBFEXDLMCSECSNF_E | 15 | Exam |
| | | 3. Semester | Cyber Security and Data Protection | LIBFOARPDLMCSITSDP | 15 | Oral Assignment + Reflection Paper |
| | | | Seminar: Advanced Cyber Security | LIBFWAREDLMCSSAITS | 15 | Written Assessment: Research Essay |
| | 3. Semester | | Elective A | | 15 | |
| | | 4. Semester | Master Thesis | LIBFMTMMTHE | 45 | Master Thesis |
| **Total** | | | | | **180** | |

| ☑ |
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| FT: Full-Time, 12 months PT I: Part-Time I, 16 months PT II: Part-Time II, 24 months |

| ☑ |
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| The sequence of the modules is to be strictly followed |

## Electives

### Elective A

*Project: Current Challenges of Cyber Security*

*Cryptology*

*IT Systems: Software*

*IT Systems: Hardware*

*Secure Software Development*

*Project: AI Excellence with Creative Prompting Techniques*

*Internship*