Excellence | Service | Leadership and Good Governance | Innovation | Social Responsibility | Integrity | Professionalism | Spirituality

## GRADUATE SCHOOL

### Curriculum for Master of Science in Information Technology (MSIT)

| I. Foundation Courses | | 12 units |
|---|---|---|
| FC 501 | Philosophical Foundation of IT Research | 3 |
| FC 502 | Advanced Statistics | 3 |
| IT 501 | Network and Data Communication and Computer Architecture | 3 |
| IT 502 | Data Structure and Algorithm Analysis 1 | 3 |

| II. Major Courses | | 18 units |
|---|---|---|
| IT 503 | ICT Information Security Administration | 3 |
| IT 504 | Advanced Databases | 3 |
| IT 505 | Expert System | 3 |
| IT 506 | Object-Oriented Software Development | 3 |
| IT 507 | Mobile Application Development | 3 |
| IT 508 | Embedded Systems | 3 |

| III. Cognates (Choose two (2) cognates only) | | 6 units |
|---|---|---|
| IT 509 | Web Information Systems | 3 |
| IT 510 | Data mining | 3 |
| IT 511 | Technology and Project Management | 3 |

| IV. Other Requirement | | 6 units |
|---|---|---|
| Written Comprehensive Examinations | | |
| Thesis Writing | | |
| Thesis A (Research Agendum) | | 3 |
| Thesis B (Writing) | | 3 |

One (1) published article in a refutable journal or One (1)registered Utility Model/ Industrial Design

| Summary | |
|---|---|
| Foundation Courses | 12 units |
| Major Courses | 18 units |
| Cognates | 6 units |
| Thesis Writing | 6 units |
| Total | 42 units |

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