# PROGRAM CURRICULUM
# MASTER IN INFORMATION TECHNOLOGY

**Table 1: The Master of Information Technology (Application oriented)**

| No | Course number | Course Name | Credits |
|---|---|---|---|
| **General Component** | | | **4** |
| 1 | POL601 | Philosophy | 4 |
| **Required Component** | | | **27** |
| 1 | GEN701 | Research Methodology | 3 |
| 2 | INT701 | Decision Support Systems | 3 |
| 3 | INT702 | Advanced Database Systems | 3 |
| 4 | INT703 | Enterprise Resource Planning (ERP) | 3 |
| 5 | INT704 | Data Science and Big Data | 3 |
| 6 | INT705 | Knowledge Management Systems | 3 |
| 7 | INT706 | Modern Information Systems | 3 |
| 8 | INT707 | Business Information Systems Management | 3 |
| 9 | INT708 | Core Topics | 3 |
| **Elective Component** (*choose 5 courses – 15 credits*) | | | **15** |
| 1 | BUS715 | English for Professional Purpose | 3 |
| 2 | BUS716 | E-commerce Systems | 3 |
| 3 | INT721 | Blockchain Technology | 3 |
| 4 | INT722 | Mobile Software Systems Development | 3 |
| 5 | INT723 | Deep Learning and Applications in Business | 3 |
| 6 | INT724 | Multimedia Information Systems | 3 |
| 7 | INT725 | Business Process Management | 3 |
| **Accumulative Component** | | | **2** |
| 1 | SKL741 | Academic Skills in Thesis/Projects Writing, Defense and Scientific Publications | 2 |
| **Internship Component** | | | **5** |
| 1 | INT741 | Internship [*] | 2 |
| 2 | INT742 | Graduation internship [**] | 3 |
| **Graduation Component** | | | **9** |
| 1 | INT751 | Graduation Project | 9 |
| **Total** | | | **62** |

**Table 2: The Master of Information Technology (Research - Oriented)**

| No | Course number | Course Name | Credits |
|---|---|---|---|
| **General Component** | | | **4** |
| 1 | POL601 | Philosophy | 4 |
| **Required Component** | | | **27** |
| 1 | GEN701 | Research Methodology | 3 |
| 2 | INT701 | Decision Support Systems | 3 |
| 3 | INT702 | Advanced Database Systems | 3 |
| 4 | INT703 | Enterprise Resource Planning (ERP) | 3 |
| 5 | INT704 | Data Science and Big Data | 3 |
| 6 | INT705 | Knowledge Management Systems | 3 |
| 7 | INT706 | Modern Information Systems | 3 |
| 8 | INT707 | Business Information Systems Management | 3 |
| 9 | INT708 | Core Topics | 3 |
| **Elective Component** (*choose 1 courses – 3 credits*) | | | **3** |
| 1 | BUS715 | English for Professional Purpose | 3 |
| 2 | BUS716 | E-commerce Systems | 3 |
| 3 | INT721 | Blockchain Technology | 3 |
| 4 | INT722 | Mobile Software Systems Development | 3 |
| 5 | INT723 | Deep Learning and Applications in Business | 3 |
| 6 | INT724 | Multimedia Information Systems | 3 |
| 7 | INT725 | Business Process Management | 3 |
| **Accumulative Component** | | | **2** |
| 1 | SKL741 | Academic Skills in Thesis/Projects Writing, Defense and Scientific Publications | 2 |
| **Scientific Research and Graduation Internship** | | | **11** |
| 1 | INT741 | Internship[(*)]: Deep learning | 2 |
| 2 | INT742 | Graduation internship[(**)]: Large Language Models | 3 |
| 3 | INT743 | Topic# 1: Literature Review | 2 |
| 4 | INT744 | Topic# 2: choose 1 courses:<br>- Research on Information Systems Management<br>- Research on Data Science<br>- Research on Information Security and Privacy | 4 |
| **Graduation Component** | | | **15** |
| 1 | INT752 | Thesis | 15 |
| **Total** | | | **62** |