**Minor in Information Science (24 credits)**

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| **CORE COURSES (15 CREDITS)** |
| 3 | 1830-101 | Introduction to Information Systems |  |
| 3 | 1830-140 | Programming and Problem Solving |  |
| 3 | 1830-220 | Database Systems I | 1830-140 |
| 3 | 1830-251 | Enterprise Systems and Architecture | 1830-101 |
| 3 | 1830-452 | IS Strategy and Management | 1830-251 |
| **ELECTIVE COURSES (9 CREDITS) -** *SELECT THREE COURSES FROM THE COURSES BELOW* |
| 3 | 1830-112 | Discrete Structures for Information Sciences |  |
| 3 | 1830-151 | Information Security and Cryptography | 1830-112 |
| 4 | 1830-230 | IT Infrastructure | 1830-101 |
| 3 | 1830-244 | Application Development and Programming | 1830-140 |
| 3 | 1830-245 | Data Structures and Algorithms | 1830-240 and 0410-111 |
| 3 | 1830-333 | Secure System Analysis & Design | 1830-151 and 1830-220 |
| 3 | 1830-341 | Web Application Development I | 1830-241 |
| 3 | 1830-351 | Information Technology and Cyber Ethics | 1830-220 |
| 3 | 1830-360 | Project and Change Management | 1830-220 |
| 3 | 1830-421 | Database Systems II | 1830-220 |
| 3 | 1830-435 | Security Governance and Planning | 1830-360 |
| 3 | 1830-496 | Selected Topics in IS I | 1830-251 |
| 3 | 1830-497 | Selected Topics in IS II | 1830-251 |