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## Minor Requirements

**Required Minor Courses: (19 Credits)**

- CMIS 1100 Introduction to Information Systems
- CMIS 1200 Application Programming I
- CMIS 2200 Application Programming II
- CMIS 3125 systems Analysis and Design
- CMIS 3150 Database Design and Modeling
- CMIS 3250 CISCO CCNA I

**Required Elective Courses: (2-3 Credits) Select one (1) from the following:**

- CMAC 2000 Introduction to Cybersecurity
- CMIS 3500 Web Programming I
- CMIS 3200 Database Application Programming
- CMIS 3600 Systems Project Management
- CMIS 4250 Applications of Machine Learning and Deep Learning
- CMIS 4950 Computer Information Systems Internship