

INFORMATION TECHNOLOGY (M.S.I.T.) - NETWORK DESIGN & SECURITY

Important: This degree plan is effective for those starting this degree program in fall 2022 through summer 2023. This degree plan will remain in effect for students who do not break enrollment or who do not change degree programs, concentrations, or cognates.

| Code | Title | Hours |
|---------------------|----------------------------------------|-----------|
| Core Courses | | |
| BMIS 520 | IT Infrastructure | 3 |
| BMIS 530 | Systems Analysis, Modeling, and Design | 3 |
| BMIS 570 | Ethics and Legal Issues | 3 |
| CSCI 501 | Overview of Computer Security | 3 |
| CSIS 505 | Software Development | 3 |
| CSIS 525 | Database Design and Development | 3 |
| CSIS 535 | Computer Networks | 3 |
| CSIS 657 | Statistical Analysis and Data Mining | 3 |
| CSIS 690 | Integrated Capstone | 3 |
| Total Hours | | 27 |

| Code | Title | Hours |
|----------------------------------------------|-----------------------------------------|----------|
| Network Design & Security Cognate | | |
| BMIS 662 | Telecommunications and Network Security | 3 |
| CSCI 601 | Applied Network Security | 3 |
| CSIS 651 | Network Architecture and Design | 3 |
| Total Hours | | 9 |

All applicable prerequisites must be met

Graduation Requirements

- Complete 36 hours
- A maximum of 50% of the program hours may be transferred if approved and allowable, including credit from an earned degree from Liberty University on the same academic level
- 3.0 GPA
- No more than two grades of C may be applied to the degree (includes grades of C+ & C-)
- No grade of D or below may be applied to the degree (includes grades of D+ & D-)
- Degree must be completed within 5 years
- Submission of Degree Completion Application must be completed within the last semester of a student's anticipated graduation date

Program Offered in Resident and Online Format