

CYBERSECURITY

B.S.

NAME _____

I.D.# _____

Expected Grad Date _____

Degree _____

General Education Requirements

- 3 THEO 110 Intro to Christianity
- 3 BLIT 210 Christian Scriptures
- 3 CMIN 310 Christian Living
- 3 Approved Stewardship Course* _____
- 3 ENGL 109 College Writing I
- 3 ENGL 210 College Writing II
- 3 COMM 105 Fundamentals of Communication
- 3 HIST 200 Western Civilization
- 3 Approved Social Science Course* _____
- 6 Approved Humanities Courses*
Select 3 hours from two different areas:
Fine Arts, Literature, Philosophy,
SPAN 212 _____

- 3-8 Elementary Foreign Language I **and** II (FREN 101 & 102 **OR** SPAN 111 & 112) **OR** Approved International Culture course* _____

- 3 MATH 103 higher math
- 6-7 Choose one Physical Science and one Biological Science – **one must include a lab***
Biological _____
Physical _____

*See olivet.edu/registrar for approved list of courses

Major: 62-64 hours – 2.000 GPA required in Major COMP Core:

- 2 COMP 120 Introduction to Programming
- 3 COMP 150 Programming: Control Structures
- 3 COMP 227 System Administration
- 3 COMP 237 Network Technologies
- 2 COMP 246 Database Programming
- 2 COMP 247 Database Design & Administration
- 3 COMP 334 Digital Law & Ethics
- 3 COMP 337 Digital Systems Security
- 3 COMP 355 Agile Methodologies
- 2 COMP 493 Software R & D Project **OR**
- 1-3 COMP 494 Internship (can be repeated up to 6 credits)

Required:

- 2 COMP 130 Introduction to Cybersecurity
- 3 COMP 260 Shell Programming
- 3 COMP 332 Linux System Administration
- 3 COMP 333 Windows Server Management
- 3 COMP 335 Incident Response
- 3 COMP 348 Packet Analysis & Inspection
- 3 COMP 357 Security Analyst I: Detection
- 3 COMP 360 Cryptography & Blockchain
- 3 COMP 420 Risk Management/ Bsns. Continuity
- 3 COMP 431 Social Engineering
- 3 COMP 432 Ethical Hacking
- 3 COMP 457 Security Analyst II: Digital Forensics

Recommended Supporting Courses:

- 3 ENGL 311 Business Comm/Tech Writing
- 1 FACS 312 Professional Image & Dress

All required Computer Science courses and all required supporting courses must be completed with a grade of C or better.

If pursuing a double major or greater, 20 unique hrs. between majors must be completed. If pursuing a minor, 6 unique hrs. between major and minor must be completed.