

BAS in Cybersecurity and Forensics

Maps to National Initiative for Cyber Security Education (NICE Framework)

AAS in

- Network Security Engineer
- Or
- Digital Forensics & Investigations
- Or
- Web Developer
- Or
- AA with CIS emphasis
- Or
- Related Fields

Must Have CIS 150, CIS 160, CIS 155, CIS 161, CIS 166, and CIS 215

Database Security Certificate

CIS 310 DB Installation & Config → CIS 412 DB Security & Audit → CIS 414 Adv DB Security

Digital Forensics & investigation Certificate

CIS 360 Mobile Forensics & Inv. 370 Network Forensics & Inv CIS 440 e-Discovery Infrastructure and Practice

Advanced Network Security Certificate

CIS 320 Adv. Router & Switch A. → CIS 420 Cloud Security

CIS 320 Adv. Router & Switch A. → CIS 430 Wireless & Mobile Sec.

Penetration Testing Certificate

CIS 450 Pen Testing I → CIS 460 Pen Testing II

CIS 480 Internship

GENERAL EDUCATION REQUIREMENTS*

*Based on transcripts - see advisor.

SOC 115
Crime and Society

PSYCH& 100
General Psychology

Econ 330 Survey of Research Methods for Information Systems and Business

ENV SCI 301
Global Environmental Issues

COMST 320 or COMST 330 Presentations or ENGL 335 Advanced Professional Writing

PHIL 346
Professional Ethics

CIS 389 **
Big Data Analytics

Note: ** prerequisite to CIS 412

OTHER SUPPORTING CLASSES

BUSN 318
Project Management

cis.highline.edu

Advisors:
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