

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/Database Developer
- Or
- AA with CIS emphasis
- Or
- Related Fields

Must Have CIS 150, CIS 160, CIS 161 and CIS 166 or equivalent

Note: All students must take CIS 155

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 430 Wireless & Mobile Sec.

Penetration Testing Certificate

CIS 450 Pen Testing I → CIS 460 Pen Testing II

CIS 480 or CIS 490 Internship or Cyber Design

GENERAL EDUCATION REQUIREMENTS*

*Based on transcripts - see advisor.

- SOC 115 Crime and Society
- PSYCH& 100 General Psychology
- PSYCH 320 Social Psychology or other SOC or PSYCH class*
- 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

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