BIT-CYBER COURSEWORK

Junior & Senior Level Courses

Required Courses for all PAMPLIN STUDENTS

MKTG 3104: Marketing Management
FIN 3104: Introduction to Finance
FIN 3054: Legal & Ethical Environment for Business
MGT 3304: Principles of Management
BIT 3414: Operations & Supply Chain Management
MGT 4394: Strategic Management (Cyber Section)*

Required Courses for all BIT MAJORS

BIT 3424: Intro to Business Analytics Modeling
BIT 3434: Advanced Modeling for Business Analytics
BIT 3444: Advanced Business Computing
BIT 4484: Project Management

Required Course for BIT-CYBER MGT & ANALYTICS

BIT 3554: Networks, Telecommunications, & Security
BIT 4614: Information Security
BIT 4624: Cybersecurity Management & Analytics
FIN 4014: Cyber Law & Policy
BIT 4394: Field Study in Cybersecurity*

BIT Electives (choose one)

BIT 4424: Business Data Visualization
BIT 4604: Data Governance, Privacy & Ethics
BIT 5114: Crime and Conflict in Cyberspace*
BIT 5134: Cybersecurity Program Design & Operation*
SPIA 4374: Federal Cybersecurity Policy & Regulation

These courses require permission from the BIT Office

HOW TO APPLY

http://pampl.in/BITCyberNOVAOption

DISCOVER MORE

BIT.VT.EDU/CYBER
BITCyber@vt.edu

PAMPLIN COLLEGE OF BUSINESS
BUSINESS INFORMATION TECHNOLOGY
VIRGINIA TECH™

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VT

PAMPLIN COLLEGE OF BUSINESS
BUSINESS INFORMATION TECHNOLOGY
VIRGINIA TECH™

NORTHERN VIRGINIA COMMUNITY COLLEGE TRANSFER GUIDE

CYBERSECURITY MANAGEMENT & ANALYTICS

WE WANT YOU

Students with an **Associates Degree** in Business Administration or Information Technology.

Students who live in the **Greater Washington DC area** and wish to complete an undergraduate degree at Virgina Tech's Falls Church (2020-2022) or Innovation Campus (projected 2023).

Students who seek to fill one of the **50,000+ open positions** in cybersecurity the metro area.

Students who seek a **direct path** into the Virginia Tech Masters of Business Administration, Masters of Information Technology, or Masters of Engineering programs in the metro area.

WHY BIT CYBER?

BIT Cyber, officially Cybersecurity Management & Analytics, is a **STEM Major** that emphasizes business processes and data analytics as applied to cybersecurity management. Students will gain proficiency in cyber policy, risk assessment, incident business response, using data analytics and AI to understand attacks on business assets, and overall management of the cybersecurity function within a business. Graduates of the program will be prepared for jobs as analysts, auditors, and planners within the cybersecurity function.

Countries hit in initial hours of cyber-attack

BUSINESS INFORMATION TECHNOLOGY STATS

#1 BIT is the **most recruited major** at Virginia Tech, the largest major in the Pamplin College of Business, and the second largest major at Virginia Tech.

#1 Most Popular Program in the nation for **Management Science & Quantitative Methods** (i.e. Analytics) by College Factual

94% Placement rate of BIT Graduates

$68K Median starting salary. the top 25% of BIT students have a median starting salary of $78,000 and an average signing bonus of $5,000

TOP EMPLOYERS INCLUDE:

Deloitte. Cognizant IBM
KPMG CGI pwc Capital One EY
Booz | Allen | Hamilton

LEARN FROM THE BEST AWARD WINNING FACULTY

Dr. Wade Baker

Dr. Tabitha James

Dr. Alan Wang

Dr. Idris Adjerid

Dr. Wenqi Shen

David Simpson
RADM (ret.) USN