**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 3404: 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 4604: Data Governance, Privacy & Ethics
- BIT 4614: Information Security
- BIT 4624: Cybersecurity Management & Analytics
- FIN 4014: Cyber Law & Policy
- BIT 4394: Field Study in Cybersecurity*

**BIT Electives (choose one)**

Other electives are available; additional options may be considered by request

- ACIS 4684: Information Sys Security & Assurance
- BIT 4424: Business Data Visualization
- BIT 5114: Crime and Conflict in Cyberspace*
- BIT 5134: Cybersecurity Program Design & Operation*
- CS 4264: Principles of Computer Security
- MATH 4175: Cryptography
- SPIA 4374: Federal Cybersecurity Policy & Regulation

*These courses require permission from the BIT Office

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**HOW TO APPLY**

http://pamplin.bit.vt.edu/BI10CYBERNOVAOption

**DISCOVER MORE**

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

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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 Virginia 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.

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**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

**$78K** 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

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**LEARN FROM THE BEST**

**AWARD WINNING FACULTY**

- Dr. Wade Baker
- Dr. Tabitha James
- Dr. Tony Vance
- Dr. Idris Adjerid
- Dr. Wenqi Shen
- David Simpson
- RADM (ret.) USN