

**INFORMATION TECHNOLOGY**

<http://ait.gmu.edu/>

**Name and Description of the Field.**

The Bachelor of Science in Information Technology (BS IT) degree program meets existing and emerging needs of the information technology industry by educating students in current principles and practices in information technology and its applications. The BS IT graduate is one who is versed in the technical aspects of IT, but whose role will focus on the use and management of IT resources rather than the development of leading-edge intellectual property. BS IT graduates fill jobs that focus on the application of IT in an increasing number of emerging sub-disciplines including web development, computer graphics, information systems, telecommunications, network administration, and information security. The BS IT degree program is administered from the Prince William campus, although many lower division and General Education courses are available at the Fairfax campus as well.

**What Special Skills are needed to succeed in this major?**

- Attention to detail.
- Technical aptitude.
- Quantitative and analytical skills.
- Writing and communication skills are helpful.
- Graphic design talent may be useful in the web design track.
- Interpersonal skills are an asset.

**We expect graduates of the program to pursue such careers as:**

- |                                  |                                 |
|----------------------------------|---------------------------------|
| • Web Site Designer              | • Computer Security Specialists |
| • Web Site Administrator         | • Customer Service Tech Support |
| • Network Administrator          | • Software Testers              |
| • Help Desk Specialist           | • Database Administrator        |
| • Telecommunications Specialist  | • Data Analyst                  |
| • Information Systems Technician | • IT Consultant                 |
| • Jr. Software Developer         | • Systems Administrator         |

**Organizations that are currently employing GMU IT graduates include:**

- |                               |                       |                              |
|-------------------------------|-----------------------|------------------------------|
| Freddie Mac                   | SRA International     | U.S. Army                    |
| Booze Allen Hamilton          | Lockheed Martin       | Metro Star Systems           |
| Computer Sciences Corporation | Primerica             | Bristol-Myers Squibb         |
| Department of Defense         | Raytheon              | CGI                          |
| Accenture                     | SAIC                  | Alion Science and Technology |
| IBM                           | The MITRE Corporation | Juniper Networks             |
| CACI                          | Electronic Arts       | Verizon Communications       |

**Is it possible to Minor in IT?**

Yes, for all students *except* majors in the School of IT&E. (The IT minor is not open to Computer Science, IT and Engineering Majors.) See: [http://ite.gmu.edu/courses\\_programs/it\\_minor.htm](http://ite.gmu.edu/courses_programs/it_minor.htm)

**Is there a choice of BA or BS?**

No, this is a Bachelor of Science Program.

**Resources**

**Career Library resources:** Go to <http://www.gmu.edu/departments/cdc/wheretostart/informationtechnology.pdf> to see resources located in Career Services, SUB I, 348 on the Fairfax Campus

**Major, Career & Job Hunting Information Online (links to the academic department, associations and other useful sites)** – Go to <http://careers.gmu.edu/onlineresources/informationtechnology.html>

**Whom should students contact for more information?**

**Prince William Campus, IT Programs Office**

Bull Run Hall , room 120  
phone: (703) 993-8461  
fax: (703) 993-8450

**Fairfax Campus**

Science and Tech. Building II, room 17  
phone: (703) 993-3565  
fax: (703) 993-2972

**Charles Snow, IT Undergraduate Program Mgr.**

Bull Run Hall, room 120  
10900 University Blvd., Manassas, VA 20110  
MSN 4F5  
voice mail: (703) 993-8461

**Julie Lubochinski, Career Counselor**

University Career Services  
SUB I, Room 348 – Fairfax Campus  
(703) 993-2370: questions and appointments  
<http://careers.gmu.edu>

**Academic Advising Center**

304 SUB I  
(703) 993-2470

For directions and maps, see: <http://www.gmu.edu/vcenter/findex.html>

For shuttle service to Prince William, see: <http://princewilliam.gmu.edu/support.html#taxi>