



Department of Applied Information Technology  
 The Volgenau School of Information Technology and Engineering  
**Bachelor of Science, Information Technology: 2002-2003 Catalog**

	Department & Course #	Completed	Needed
<b><u>GENERAL EDUCATION REQUIREMENTS</u></b>			
Fine Arts (3)	_____	_____	_____
Global Understanding (3)	_____	_____	_____
Literature (3)	_____	_____	_____
Social and Behavioral Science (3)	_____	_____	_____
Western Civilization: HIST 100 (3)	_____	_____	_____
US History: HIST 120 (3)	_____	_____	_____
Written Communication: ENGL 100 or ENGL 101 (3)	_____	_____	_____
ENGL 302 (3)	_____	_____	_____
Natural Science: (satisfied by completion of major requirements)			
Oral Communication: (satisfied by completion of major requirements)			
Information Technology: (satisfied by completion of major requirements)			
Quantitative Reasoning: (satisfied by completion of major requirements)			
Synthesis (satisfied by completion of major requirements)			
<i>Note: Information on general education requirements can be found at <a href="http://www.gmu.edu/departments/provost/gened/GENEDapprovedcourses.htm">http://www.gmu.edu/departments/provost/gened/GENEDapprovedcourses.htm</a></i>			
<i>Transfer students may substitute approved courses for HIST 100. See the list at:</i>			
<i><a href="http://cas.gmu.edu/undergraduate_students/general_education/requirements/university_requirements.html">http://cas.gmu.edu/undergraduate_students/general_education/requirements/university_requirements.html</a></i>			
<b><u>MAJOR REQUIREMENTS</u></b>			
IT 101 Introduction to Information Technology (3)	_____	_____	_____
IT 103 Introduction to Computing (3)	_____	_____	_____
IT 108 Programming Fundamentals (3)	_____	_____	_____
MATH 108 Introduction to Calculus (3)	_____	_____	_____
MATH 112 Discrete Math for BSIT (3)	_____	_____	_____
COMM 100 Public Speaking (3)	_____	_____	_____
Natural Science Lab Sequence 1 (4)	_____	_____	_____
Lab Sequence 2 (4)	_____	_____	_____
Natural Science (non-lab) (3) (or Natural Science with Lab (4))	_____	_____	_____
MATH 111 Linear Mathematical Modeling (3)	_____	_____	_____
IT 212 How Computers Work (3)	_____	_____	_____
IT 213 Multimedia and Computer Graphics (3)	_____	_____	_____
IT 214 Database Fundamentals (3)	_____	_____	_____
IT 223 Information Security Fundamentals (3) (formerly IT 221)	_____	_____	_____
IT 250 Introductory Statistics I (3)	_____	_____	_____
IT 300 Modern Telecommunications (3)	_____	_____	_____
IT 341 Networking Essentials (3)	_____	_____	_____
IT 304 IT in the Global Economy (3) or CS 306 and prereq. CS 105	_____	_____	_____
MSOM 302 Managing Information (3)	_____	_____	_____
MSOM 303 Marketing in a Global Economy (3)	_____	_____	_____
IT 343 IT Resource Planning (3) (formerly IT 443)	_____	_____	_____
IT 492 Senior Design Project 1 (3)	_____	_____	_____
IT 493 Senior Design Project 2 (4) or IT 468 (4)	_____	_____	_____
<b>Concentration Area (15)</b> see <a href="http://ait.gmu.edu/">http://ait.gmu.edu/</a> for details			
Choose from either <b>Information Security and Network Administration</b> or <b>Web Development and Computer Graphics</b>			
	1. _____	_____	_____
	2. _____	_____	_____
	3. _____	_____	_____
	4. _____	_____	_____
	5. _____	_____	_____
<b><u>ELECTIVES (9)</u></b>	1. _____	_____	_____
	2. _____	_____	_____
	3. _____	_____	_____

1. Minimum hours to graduate: 120  
 2. **UPPER DIVISION HOURS** (minimum 45) \_\_\_\_\_  
 300 & 400 level courses (Courses designated "L" do not count.)

**Student's Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
**Advisor's Name:** \_\_\_\_\_