Department of Applied Information Technology

The Volgenau School of Information Technology and Engineering

Bachelor of Science, Information Technology: 2007-2008 Catalog

	Department & Course #	Completed	Needed
GENERAL EDUCATION REQUIREMENTS			
Fine Arts (3)			
Global Understanding (3)			
Literature (3)			
Social and Behavioral Science (3)			
Western Civilization: HIST 100 (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)			

Note: Information on general education requirements can be found at http://www.gmu.edu/departments/provost/gened/GENEDapprovedcourses.htm
Transfer students may substitute approved courses for HIST 100. See the list at: http://cas.gmu.edu/undergraduate_students/general_education/requirements/university_requirements.html

MAJOR REQUIREMENTS			
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))			
IT 207 Applied IT Programming or IT 208 (3)			
IT 212 Computer Hardware Fundamentals (3)			
IT 213 Multimedia and Computer Graphics (3)			
IT 214 Database Fundamentals (3)			
IT 223 Information Security Fundamentals (3)			
IT 250 Introductory Statistics I (3)			
IT 300 Modern Telecommunications (3)			
IT 341 Data Communications and Networking Principles (3)			
IT 304 IT in the Global Economy (3) or CS 306 and prereq. CS 105			
MSOM 300 Managing Financial Resources (3)			
MSOM 301 Managing People and Organizations (3)			
IT 343 IT Resource Planning (3)			
SYST 469 Human Computer Interaction (3)			
IT 492 Senior Design Project 1 (3)			
IT 493 Senior Design Project 2 (4) or IT 468 (4)			
Concentration Area (15) see http://ait.gmu.edu/ for details			
Choose from either **Information Security, Networking and Telecommunications, Web Development and Multimedia or Database Technology and Programming**			
1.			
2.			
3.			
4.			
5.			
ELECTIVES (9) 1.			
2.			
3.			

1. Minimum hours to graduate: 120
2. **UPPER DIVISION HOURS** (minimum 45)_____
(Courses numbered 300-400 only.
Courses designated "L" do not count.)

Student's Name: _____ **Date:** _____
Advisor's Name: _____