



**Department of Applied Information Technology
Bachelor of Science, Information Technology: 2010-2011 Catalog**

GENERAL EDUCATION REQUIREMENTS

	Department & Course #	Completed	Needed
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 106 Introduction to IT Problem Solving Using Computer Programming (3)	_____	_____	_____
IT 206 Object Oriented Techniques for IT Problem Solving (3)	_____	_____	_____
MATH 108 Introduction to Calculus (3)	_____	_____	_____
MATH 112 Discrete Math for BSIT (3)	_____	_____	_____
COMM 100 Public Speaking (3)	_____	_____	_____
Natural Science with Lab (4)	_____	_____	_____
Natural Science without Lab (3) or with Lab (4)	_____	_____	_____
IT 207 Applied IT Programming (3)	_____	_____	_____
IT 212 Computer Hardware Fundamentals (3)	_____	_____	_____
IT 213 Multimedia and Web Design (3)	_____	_____	_____
IT 214 Database Fundamentals (3)	_____	_____	_____
IT 223 Information Security Fundamentals (3)	_____	_____	_____
STAT 250 Introductory Statistics I (3)	_____	_____	_____
IT 293 Applied IT: Junior Transition (1)	_____	_____	_____
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. _____	_____	_____

Minimum hours to graduate: 120

Student's Name: _____ Date: _____

UPPER DIVISION HOURS (minimum 45) _____

Advisor's Name: _____

(Courses numbered 300-400 only. Courses designated "L" do not count.)