



**Department of Applied Information Technology**  
**Bachelor of Science, Applied Information Technology: 2014-2015 Catalog**

**Mason Core REQUIREMENTS**

- Fine Arts (3)
- Global Understanding (3)
- Literature (3)
- Social and Behavioral Science (3)
- Western Civilization: HIST 100 (3)
- Written Communication: ENGH 100 or ENGH 101 (3)
- ENGH 302- Business or Natural Sciences/Technology (3)

Department & Course #	Completed	Needed
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- Natural Science: (satisfied by completion of major requirements)
- Information Technology: (satisfied by completion of major requirements)
- Synthesis: (satisfied by completion of major requirements)

- Oral Communication: (satisfied by completion of major requirements)
- Quantitative Reasoning: (satisfied by completion of major requirements)

Note: Information on Mason Core requirements can be found at <http://provost.gmu.edu/gened/approved-course-listing/>

**Foundation Courses**

- 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)
- IT 212 Computer Hardware Fundamentals (3)
- STAT 250 Introductory Statistics I (3)

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**Core Courses**

- IT 207 Applied IT Programming (3)
- IT 213 Multimedia and Web Design (3)
- IT 214 Database Fundamentals (3)
- IT 223 Information Security Fundamentals (3)
- IT 300 Modern Telecommunications (3)
- IT 304 IT in the Global Economy
- IT 341 Data Communications and Networking Principles (3)
- IT 343 IT Project Management
- MSOM 300 Managing Financial Resources (3)
- MSOM 301 Managing People and Organizations (3)
- SYST 469 Human Computer Interaction (3)

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**Capstone Courses**

- IT 492 Senior Design Project I (3)
- IT 493 Senior Design Project II (4)

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**Other Required Courses**

- IT 293 Applied IT: Junior Transition (1)
- COMM 100 Public Speaking (3)
- Natural Science with Lab (4)
- Natural Science without Lab (3)
- MATH 108 Introductory Calculus with Business Applications (3)
- MATH 112 Discrete Mathematics for IT (3)

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**Concentration Area (15)** see <http://ait.gmu.edu/> for details

Choose from either: **Information Security, Networking and Telecommunications, Web Development and Multimedia, Database Technology and Programming, or Health IT.**

1. _____	_____	_____
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____
1. _____	_____	_____
2. _____	_____	_____
3. _____	_____	_____

**ELECTIVES (9)**

Minimum hours to graduate: 120

**UPPER DIVISION HOURS** (minimum 45) \_\_\_\_\_

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

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

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