## GENERAL EDUCATION REQUIREMENTS

<table>
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<tr>
<th>Category</th>
<th>Department &amp; Course #</th>
<th>Completed</th>
<th>Needed</th>
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<tbody>
<tr>
<td>Fine Arts</td>
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<tr>
<td>Global Understanding</td>
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<td>Literature</td>
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<tr>
<td>Social and Behavioral Science</td>
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<td>Western Civilization: HIST 100</td>
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<td>Written Communication: ENGH 100 or ENGH 101</td>
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<tr>
<td>ENGL 302: Business or Natural Sciences/Technology</td>
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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)

Note: Information on general education requirements can be found at [http://www.gmu.edu/departments/provost/gened/GENEDapprovedcourses.htm](http://www.gmu.edu/departments/provost/gened/GENEDapprovedcourses.htm)

### 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)

### 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)

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

### 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)

### Concentration Area (15)
Choose from either: Information Security, Networking and Telecommunications, Web Development and Multimedia, Database Technology and Programming, or Healthcare IT.

### ELECTIVES (9)

Minimum hours to graduate: 120

UPPER DIVISION HOURS (minimum 45)

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

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