



MASON CORE REQUIREMENTS

- Literature (3)
Arts (3)
Western Civilization: HIST 100 or HIST 125 (3)
Global Understanding (3)
Social and Behavioral Science (3)
Written Communication: ENGH 100 or ENGH 101 (3)
ENGH 302- Business, Natural Sciences/Technology, or Multidisciplinary (3)

Table with 3 columns: Department & Course Number, Completed, Needed. Contains 6 rows of horizontal lines for course tracking.

The following Mason Core requirements are satisfied by completion of major requirements: Natural Science, Oral Communication, Information Technology, Quantitative Reasoning, and Synthesis.

Information on Mason Core requirements can be found at http://masoncore.gmu.edu/

Foundation Courses

- IT 102 Discrete Structures (3) or MATH 125 Discrete Mathematics I (3)
IT 104 Introduction to Computing (3)
IT 105 IT Architecture Fundamentals (3)
IT 106 Introduction to IT Problem Solving Using Computer Programming (3)
IT 206 Object Oriented Techniques for IT Problem Solving (3)
IT 216 Systems Analysis and Design (3)
STAT 250 Introductory Statistics I (3)

Table with 3 columns: Department & Course Number, Completed, Needed. Contains 6 rows of horizontal lines for course tracking.

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 (3)
IT 341 Data Communications and Networking Principles (3)
IT 342 Operating Systems Fundamentals (3)
IT 343 IT Project Management (3)
MBUS 300 Accounting in a Global Economy (3)
SYST 469 Human Computer Interaction (3)

Table with 3 columns: Department & Course Number, Completed, Needed. Contains 10 rows of horizontal lines for course tracking.

Capstone Courses

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

Table with 3 columns: Department & Course Number, Completed, Needed. Contains 2 rows of horizontal lines for course tracking.

Other Required Courses

- IT 293 Applied IT: Junior Transition (1)
COMM 100 Public Speaking (3) or COMM 101 Interpersonal & Group Interaction (3)
Natural Science with Lab (4)
Natural Science without Lab (3)
MATH 108 Introductory Calculus with Business Applications (3) or MATH 113 Analytic Geometry and Calculus I (4)

Table with 3 columns: Department & Course Number, Completed, Needed. Contains 6 rows of horizontal lines for course tracking.

Concentration Area (15) see http://ist.gmu.edu/ for details

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

Table with 3 columns: Department & Course Number, Completed, Needed. Contains 5 rows for concentration area selection, numbered 1-5.

ELECTIVES (9)

Table with 3 columns: Department & Course Number, Completed, Needed. Contains 3 rows for elective selection, numbered 1-3.

Minimum hours to graduate: 120

UPPER DIVISION HOURS (minimum 45)

(Courses numbered 300-400 only – not to include 'L' courses)

Student's Name:

Advisor's Name:

Date: