Bachelor of Science, Information Technology
Advising Sheet: 2017-2018 Catalog

Name: _____

G#:_____ Date: _____

Advisor Seen: _____

MASON CORE			
COURSE	SEMESTER	GRADE	COMPLETED?
Literature (3):			
Arts (3):			
Western Civilization/World History (3):			
Global Understanding (3):			
Social and Behavioral Science (3):			
ENGH 100 or ENGH 101 (3):			
ENGH 302 (3) Business, Natural Sciences/Tech, or Multidisciplinary			

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

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

MAJOR CORE			
IT 207 (3) Applied IT Programming			
IT 213 (3) Multimedia and Web Design			
IT 214 (3) Database Fundamentals			
IT 223 (3) Information Security Fundamentals			
IT 300 (3) Modern Telecommunications			
IT 304 (3) IT in the Global Economy			
IT 341 (3) Data Communications and Network Principles			
IT 342 (3) Operating Systems Fundamentals			
IT 343 (3) IT Project Management			
MBUS 300 (3) Accounting in a Global Economy			
SYST 469 (3) Human Computer Interaction			

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

MAJOR CONCENTRATION IN _____			
Choose from Database Technology & Programing, Health IT, Information Security, IT Entrepreneurship, Networking and Telecommunication, or Web Development and Multimedia			
Chosen concentration (3):			
Chosen concentration (3):			
Chosen concentration (3):			
Chosen concentration (3):			
Any concentration (3):			

OTHER REQUIRED COURSES			
COURSE	SEMESTER	GRADE	COMPLETED?
IT 293 (1) Junior Transition			
COMM 100 Public Speaking or 101 (3) Interpersonal & Group Interaction:			
Mason Core Natural Science with Lab (4):			
Mason Core Natural Science without Lab (3):			
MATH 108 (3) Intro Calc with Business Applications or MATH 113 (4) Analytic Geometry and Calc I:			

GENERAL ELECTIVES (8-9 credits)			
COURSE	SEMESTER	GRADE	COMPLETED?

NOTES: *Students need a minimum of 120 credit hours to graduate. 45 of these credits must be at the 300/400 level. Students must have a C or better in any course that satisfies a prerequisite for an IT course, as well as a C or better in their foundation, core, capstone, and concentration courses. To graduate, students need a minimum IT foundation, core, capstone, and concentration GPA of 2.75. PHED/PRLS/MLSC courses do not count toward the 120 minimum requirement. At most 3 credits of 100-level RECR coursework may be taken to satisfy the degree requirements of those VSE programs that allow general electives.*

Department of Information Sciences and Technology
ist.gmu.edu

GEORGE MASON UNIVERSITY

Major Declaration: ist.gmu.edu/go/declarebsinft
Bridge Courses: ist.gmu.edu/go/bridge
CLEP IT: ist.gmu.edu/go/clep
Accelerated MS: ist.gmu.edu/go/applyaccelerated

To declare a concentration, students must earn a B or better in the gateway course:
Database Technology and Programming (DTP): IT 214 or IT 206
Health Information Technology (HIT): IT 214
Information Security (INFS): IT 223
Information Technology Entrepreneurship (ITE): IT 106
Networking and Telecommunications (NTEL): IT 341
Web Development and Multimedia (WDM): IT 213