

INFORMATION TECHNOLOGY BS – LASS Track

Fall 2008 – Spring 2009

CONTACT INFORMATION

- Honors Program Advisor: Kathleen Alligood (alligood@gmu.edu)
- Department Chair: Donald Gantz
- Department Associate Chair (advising contact): Cheryl Howe (chowe1@gmu.edu)

REQUIRED HOURS

- Hours Required in Major: 67
- Hours Required in Honors: See honors advisor
- This major requires a total of 120 credits to graduate, 45 of which must be at the 300-level and above.

ADVISING SHEET

- Honors Program Requirement
- ◆ Department Requirement
- ▲ College Requirement

1 st Year – 1 st Semester (Fall)	Credits
○ HNRS 110: Introduction to Research (Grade C or better required)	4
○ MATH 113, or HNRS 125: A Liberal Arts Approach to Calculus or HNRS 226: Topics in Quantitative Analysis ¹	3
◆ IT 101: Introduction to Information Technology	3
◆ IT 103: Introduction to Computing	3
◆ Department-approved elective ³	3
Semester Total	16
1 st Year – 2 nd Semester (Spring)	
○ HNRS 122: Reading the Arts	3
○ HNRS 130: Conceptions of Self	3
◆ Natural Science Elective	3
◆ IT 108: Programming Fundamentals	3
◆ IT 250: Introductory Statistics	3
Semester Total	15
2 nd Year – 1 st Semester (Fall)	
○ HNRS 131: Contemporary Society in Multiple Perspectives	3
○ HNRS 227: Scientific Thought and Process I ²	4
◆ IT 212: Computer hardware Fundamentals	3
◆ IT 214: Database Fundamentals	3
◆ IT 207 or IT 208: Applied IT Programming or Program Design and Data Structures	3
Semester Total	16
2 nd Year – 2 nd Semester (Spring)	
○ HNRS 228: Scientific Thought and Process II	4
○ HNRS 230: Cross-Cultural Perspectives	3

◆ IT 213: Multimedia and Computer Graphics	3
◆ IT 223: Information Security Fundamentals	3
◆ MATH 112: Discrete Math for BSIT (Placement Test Required)	3
Semester Total	16
3rd Year – 1st Semester (Fall)	
○ HNRS 240: Reading the Past	3
◆ IT 304: IT in the Global Economy	3
◆ IT 341: Data Communications and Networking Principles	3
◆ MSOM 300: Managing Financial Resources	3
◆ Elective	3
Semester Total	15
3rd Year – 2nd Semester (Spring)	
○ HNRS 353: Technology in the Contemporary World (grade of C or better required)	3
◆ IT 300: Modern Telecommunications	3
◆ IT 343: IT Resources Planning	3
◆ IT Concentration Course	3
◆ MSOM 301: Managing People and Organizations	3
Semester Total	15
4th Year – 1st Semester (Fall)	
◆ IT 492: Senior Design Project I	3
◆ IT Concentration Course	3
◆ IT Concentration Course	3
◆ SYST 469: Human Computer Interaction	3
◆ Elective	3
Semester Total	15
4th Year – 2nd Semester (Spring)	
◆ IT 493 or IT 468: Senior Design Project II or Cyber Security Capstone	4
◆ IT Concentration Course	3
◆ IT Concentration Course	3
◆ Elective	2
Semester Total	12
Total Hours	120

NOTES

1. MATH 113, HNRS 125 or 226 all fulfill the quantitative reasoning requirement for the Honors Program
2. ASTR 111/112, BIOL 103, CHEM 103, GEOL 101, PHYS 103 or 243/244 will substitute for HNRS 227
3. College requirements (VS) include 24 credits of department-approved liberal arts and social science electives.