Data Analytics Specialization Requirements Checklist

4 CORE COURSES (12 CREDITS)

☐ INFM 600 Information Environments
☐ INFM 603 Information Technology and Organizational Context.
☐ INFM 605 Users and Use Context
☐ INFM 612 Management of Information Programs and Services

1 ADVANCED TECHNOLOGY COURSE (3 CREDITS)

☐ INFM 700 Information Architecture
☐ INFM 743 Development of Internet Applications
☐ INFM 747 Web Enabled Databases
☐ INFM 750 From Data to Insights
☐ INST 733 Database Design
☐ INST 734 Information Retrieval Systems
☐ INST 735 Computational Linguistics I
☐ INST 736 Computational Linguistics II
☐ INST 737 Digging Into Data
☐ INST 767 Big Data Infrastructure
☐ Other courses from Computer Science (CMSC) with permission ________________

2 PROJECT COURSES (6 CREDITS)

☐ INFM 736 Information Management Experience
☐ INFM 737 Capstone Experience

3 DATA ANALYTICS SPECIALIZATION REQUIRED COURSES (9 CREDITS)

1 course in Data Management and Technology Fundamentals
☐ INST 733 Database Design
1 course in Data Analytics Fundamentals
☐ INST 627 Data Analytics for Information Professionals
1 course in Advanced Data Analytics
☐ INST 737 Digging into Data

**2 DATA ANALYTICS SPECIALIZATION ELECTIVES (6 CREDITS)**

☐ INFM 714 Principles of Competitive Intelligence
☐ INFM 732 Information Audits and Environmental Scans
☐ INST 714 Information for Decision Making
☐ INFM 747 Web-Enabled Databases
☐ INFM 750 From Data to Insights
☐ INST 767 Big Data Infrastructure