Technology Development 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

2 TECHNOLOGY DEVELOPMENT SPECIALIZATION REQUIRED COURSES (6 CREDITS)

1 Course in Information Architecture
☐ INFM 700 Information Architecture

1 course in Technology Design and Application
☐ INFM 757 Organizational and Business Process Modeling
☐ INST 603 Systems Analysis and Design
☐ INST 733 Database Design

3 TECHNOLOGY DEVELOPMENT SPECIALIZATION ELECTIVES (9 CREDITS)

☐ INFM 743 Development of Internet Applications
☐ INFM 747 Web-enabled Databases
☐ INFM 750 – From Data to Insights
☐ INST 611 - Privacy and Security in a Networked World
☐ INST 631 Fundamentals of HCI
☐ INST 716 – Information, technology, and Society
☐ INST 741 – Social Computing Technologies and Applications
☐ INST 702 – Advanced Usability Testing
☐ INST 734 – Information Retrieval Systems
☐ INST 735 – Computational Linguistic I
☐ INST 736 – Computational Linguistic II
☐ INST 737 – Digging into Data
☐ INST 767 – Big Data Infrastructure