PhD in IT

Required Core Courses
(24 Credits)

Computer Science Track
(24 Credits)

Required 5 Courses (15 Credits):
CSCI Core: 1, 2, 4
ISQA Core: 9, 12
Optional Courses (any 3):
3, 5, 6, 7, 10, 11, 13, 14

Information Systems Track
(24 Credits)

Required 5 Courses (15 Credits):
ISQA Core: 8, 9, 10
CSCI Core: 15, 16
Optional Courses (any 3):
2, 5, 6, 7, 11, 12, 13, 14

Integrated IT Track
(24 Credits)

Required 5 Courses (15 Credits):
CSCI or ISQA Core: 1 or 8
ISQA Core: 9, 10,
CSCI Core: 15, 16
Optional Courses (any 3):
2, 3, 4, 5, 6, 7, 11, 12

Courses numbers (9 CSCI courses, 8 ISQA courses):

1. CSCI 8700 (Software Spec. and Design)
2. CSCI 8080 (Design and Anal. of Algorithm)
3. CSCI 8150 (Adv. Computer Arch.)
5. CSCI 8000 (Adv. Concepts in Prog. Languages)
6. CSCI 8350/ISQA 8700 (Data Mining & Data Wareh.)
7. ISQA 8210 (Mang. Software Development)
8. ISQA 8220 (Adv. Systems Anal. and Design)
9. ISQA 8310 (Data Communications)
10. ISQA 8410 (Database Management)
11. ISQA 8380 (Mag. Distributed Comp. Env.)
12. ISQA 8810 (IT Project Fundamentals)
13. ISQA 8186 (E-Commerce)
14. CSCI 8256 (Human Computer Interaction)
15. CSCI 8010 (Foundations of Computer Sci.)
16. CSCI 8506 (Operation Systems - undergraduate)

Note: This version of Core Requirements Changes of Ph.D. in IT has been approved by DPC in Feb. 24, 2009.