COLLEGE OF INFORMATION SCIENCE & TECHNOLOGY (CIST)

CIST 8106 INFORMATION SYSTEMS ARCHITECTURE AND ORGANIZATION (3 credits)
To examine the frameworks and tools used to develop an organization’s information systems architecture. To provide the analytical skills and conceptual frameworks with which to make recommendations and decisions regarding the integration of information technology components into an information systems architecture. (Cross-listed with CIST 4100).
Prerequisite(s)/Corequisite(s): CIST 3100, ISQA 3310 or ISQA 8050

CIST 9040 COLLOQUIUM ON IT RESEARCH (1 credit)
The purpose of the course is to provide a forum for interaction among doctoral students and faculty on topics of relevance to professional success as researchers. Topics to be discussed include: nature of research in information technology; research problem selection, development, and presentation with special emphasis on the doctoral dissertation; dissertation process; development and crafting of papers for journals; collaboration on research projects; and review process for journal papers.
Prerequisite(s)/Corequisite(s): Admission to PhD program in Information Technology or permission of instructor. Not open to non-degree graduate students.

CIST 9050 COLLOQUIUM ON IT TEACHING (1 credit)
The purpose of this course is to provide a forum for interaction among doctoral students and faculty on topics of relevance to professional success as teachers/educators in university settings.
Prerequisite(s)/Corequisite(s): Admission to PhD program in Information Technology or permission of instructor. Not open to non-degree graduate students.

CIST 9060 COLLOQUIUM ON IT PROFESSION AND ETHICS (1 credit)
The purpose of this course is to provide a forum for interaction among doctoral students and faculty on topics of relevance to professional success as members of the academy.
Prerequisite(s)/Corequisite(s): Admission to PhD program in Information Technology or permission of instructor. Not open to non-degree graduate students.

CIST 9080 RESEARCH DIRECTIONS IN I.T. (3 credits)
The purpose of this course is to provide a forum for interaction among doctoral students and faculty on topics of relevance to current and future research directions in IT.
Prerequisite(s)/Corequisite(s): Doctoral standing in Information Technology or permission of course coordinators. CIST 9040 is recommended. Not open to non-degree graduate students.

CIST 9900 SPECIAL TOPICS IN INFORMATION TECHNOLOGY (1-3 credits)
This course is designed to acquaint students with issues which are current to the field or emerging trends in the information technology area. Topics will vary across terms. This course may be repeated, but no topic may be taken more than once.
Prerequisite(s)/Corequisite(s): Permission of the instructor. Additional prerequisite courses may be required for particular topic offerings.

CIST 9980 INDEPENDENT STUDY IN INFORMATION TECHNOLOGY (1-3 credits)
This course allows students to research a topic of their interest that is not available in a formal course. The topic to be studied must be agreed upon by the student and the instructor.
Prerequisite(s)/Corequisite(s): Permission of the instructor. Not open to non-degree graduate students.

CIST 9990 DISSERTATION (1-12 credits)
The dissertation is an original research project conducted and written under the direction of a faculty dissertation committee “supervisory committee”. The dissertation provides the student with an opportunity to do original research that contributes to advancing the body of knowledge in information systems and/or information technology.
Prerequisite(s)/Corequisite(s): Admission to the Ph.D. program in Information Technology. Admission to candidacy for the Ph.D. degree. Prior to enrolling for dissertation hours, the students must have permission of the supervisory committee. Not open to non-degree graduate students.