Information Communication Technology Major

Students gain knowledge and skills needed to effectively apply, use, and manage technology when solving problems specifically related to information and communication. Classes provide a human and organizational focus on technology—teaching students how to be effective users of technology. Students who major in ICT can expect to work in positions where they are the communication link between people, organizations, and the technologies used to support those organizations' information infrastructures. ICT majors may pursue one of two tracks:

**Commercialization:** Focuses on ICT as an enabling tool to drive economic growth.

**Technology Management:** Focuses on using technology to provide a stable operating environment.
Degree Requirements
120 credit hours (excludes KHP service courses, EXP courses, and remedial courses)
Complete all UK Core, Graduation Composition and Communication, BA or BS requirements, and one statistics course
42 hours at the 300 level or above
2.00 cumulative GPA and 2.00 major GPA required to graduate

Pre-Major Requirements—9 Hours
ICT 200—Information Literacy and Critical Thinking
ICT 201—Personal Knowledge Management
ICT 202—Technologies for Information Services

Major Requirements—12 Hours
ICT 205—Issues in ICT Policy
ICT 300—ICT in Society
ICT 301—Introduction to Databases
ICT 596—Internship
Electives—6 Hours (Select any two 300+ level IS or ICT courses)
Cognate—15 Hours (300+ level) Outside the Major

Choose One of the Following Tracks:

Commercialization
Choose four courses from the following:
ICT 307—Copyright
ICT 410—Privacy
IS 402—Competitive Intelligence
MAS 322—Multimedia I
MAS 422—Multimedia II

Technology Management
Choose four courses from the following:
ICT 302—Content Management Systems
ICT 303—Systems Analysis
ICT 351—Technology Security
ICT 550—Security Informatics
ICT 552—Cybercrime and Digital Law Enforcement
JOU 330—Web Publishing and Design
MAS 355—Communication and Information Systems in Organizations
MAS 404—Media Organizations
MAS 535—Telecommunications Network Management

The program offers special topics courses each fall and spring that may be appropriate for your track. Contact infosci@uky.edu for more information.