



# 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.

*we speak Blue.*

### **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](mailto:infosci@uky.edu) for more information.**