Expanding the Frontiers of Information Technology: New Interdisciplinary Approaches in the Academy

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Programmatic Changes

- Interdisciplinary Undergraduate Programs
- Computing Programs within Existing Disciplines
- Broadened CS Departments
- Broadened LIS Departments
- New Schools
- New Research Centers
IU Informatics - Subjects

- Bioinformatics and Chemical Informatics
- Music Informatics
- Data Mining, including web, text
- Complex Systems, Modeling, Simulation
- Cognitive Science
- Cybersecurity, Information Assurance
- Human-Computer Interaction/Design
- Social Informatics
Social Informatics

- Economics
- Management and organization
- Communications
- Ethnography/anthropology
- Policy
- Ethics/professionalization
- STS/history
Other Informatics Disciplines

- Health informatics *
- Laboratory informatics *
- New media *
- Cyberinfrastructure
- Digital libraries
- Telecommunications
- Legal aspects of information
- Software engineering
- Communications studies
Degrees - Informatics Faculty

• CS 17
• Math/Applied Math 12
• Physics 6
• EE 5
• Psychology 5
• Chemistry 5
• Biology 3
• Design/Indust. Design 3
• STS/Hist. Of Science 3
• Computer Engineering 2
• Systems Engineering 2
• Library/Info Sci. 2
• Anthropology 2
• Public Policy 1
• History 1
• Women’s Studies 1
• Music 1
• Mechanical Eng. 1
• Aerospace Eng. 1
• Cognitive Science 1
• Ergonomics 1
• Journalism 1
• Linguistics
• Slavics
Related units

- Library/info science
- Education
- Business
- Journalism
- Telecom
- Political science
- Music
- Ctr for Social Informatics
- CACR (security)
- Ctr Policy Analysis
- Latin American Studies
- Anthropology
- Mathematics
- Biology
- Chemistry
- Physics
- Geology
- Computer science
- Inst. Biocomplexity
- Ctr Genomics, Bioinf
- Pervasive Comp. Lab
- Univ. IT Services
- University Libraries