

C102 – Day 28

Choices...



Choices, Choices, Choices

CIS, Telecom, Informatics, CS...

Computer Information Systems

- **Department of Information Systems**
 - **Computer Information Systems (CIS)**
Major

Telecommunications

- **Telecommunications is the study of a broad range of electronic media industries in a liberal arts context**

Telecommunications

- **Areas of focus include:**
 - **Radio**
 - **Television**
 - **Cable**
 - **Satellite services**
 - **Telephony**
 - **Multimedia**
 - **The Internet**

Telecommunications

- **Three major course concentrations focus on:**
 1. **The electronic media's influences on audiences and users**
 2. **The design and production of video, audio, and multimedia materials**
 3. **The business, legal, and managerial aspects of telecommunications**

Telecommunications

- **Let's take a look...**
 - <http://www.indiana.edu/~bulletin/iub/coas/2006-2008/telecom.shtml>

Informatics

- **Informatics is focused on the best applications of technologies, and emphasizes the social and psychological aspects of information technology**
- **Some have called informatics “technology with a human face”**
- **Informatics prepares professionals to use information technology to solve problems in a variety of settings**
- **The degrees emphasize the development of new uses for technologies, always keeping in mind the needs of people and the best and most appropriate uses for technology**

Cognate Areas, IUB

- **Biology**
- **Business**
- **Chemistry**
- **Cognitive Science**
- **Communication and Culture**
- **Computer Science**
 - Option I: Information Technology
 - Option II: Computer Science
- **Cybersecurity**
- **Economics**
- **Fine Arts**
- **Geography**
- **Instructional Systems Technology**
- **Journalism**
- **Linguistics**
- **Mathematics**
- **Psychology**
- **Public and Environmental Affairs**
 - Option I: Environmental Issues
 - Option II: Health Issues
 - Option III: Urban Affairs
 - Option IV: Public Policy Analysis
 - Option V: Public Finance
- **Public Health**
- **Telecommunications**
 - Option I: Applications
 - Option II: Implications
 - Option III: Foundations

Informatics

- **Let's take a look...**
 - http://www.indiana.edu/~bulletin/iu/inform_ug/pdf/Informatics%20Undergrad%2006-07.pdf

Computer Science

- **Two Degree Paths**
 - **BA – COAS**
 - **BS – InformatiCS**

Course Plan for BS in CS

- **Spring 2007**
 - **CSCI C211 (4 cr)**
 - **MATH M211 (4 cr)**
 - **ENG W131 (3 cr)**
 - **TOPICS course (S&H) (3 cr)**
 - **Total: 14 crs**
- **Summer 2007**
 - **CSCI C212 (4 cr)**
 - **MATH M212 (4 cr)**
 - **Total: 8 crs**

Course Plan for BS in CS

- **Fall 2007**
 - **CSCI C241 (4 cr)**
 - **CSCI C335 (4 cr)**
 - **Foreign Language (3 cr)**
 - **Distribution (S&H) (3 cr)**
 - **Total: 14 crs**
- **Spring 2008**
 - **CSCI C343 (4 cr)**
 - **MATH (3 cr)**
 - **Foreign Language (3 cr)**
 - **Natural Science Lecture (3 cr)**
 - **Natural Science Lab (2 cr)**
 - **Total: 15 crs**

Course Plan for BS in CS

- **Fall 2008**
 - **CSCI C311 (4 cr)**
 - **Advanced CSCI (3 cr)**
 - **Intensive Writing (A&H or S&H) (3 cr)**
 - **Distribution (A&H) (3 cr)**

 - **Spring 2009**
 - **2 Advanced CSCI (6 cr)**
 - **Distribution (A&H & S&H) (3 cr)**
 - **Natural Science Course (4 cr)**
 - **COAS Q400 (8 weeks only) - *optional**
 - **Total: 13+ crs**
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- **Total: 13 crs**

Course Plan for BS in CS

- **Fall 2009**
- **2 Advanced CSCI**
- **Natural Science**
- **Electives**
- **Spring 2010**
- **2 Advanced CSCI**
- **Electives**