



SCHOOL OF INFORMATICS AND COMPUTING

INDIANA UNIVERSITY
Bloomington

Minors/Certificates in Technology-Related Areas (2012-2013)

Informatics Minor

INFO-I 101 must be completed with a minimum grade of C. A minimum grade of C- in all other courses with an overall minor GPA of 2.0 is required.

- INFO-I 101 Introduction to Informatics (minimum grade of C required in this class)
- One programming class from:
 - INFO-I 210 Information Infrastructure I
 - CSCI-A 201 Introduction to Programming I
 - CSCI-C 211 Introduction to Computer Science
- Three** additional Informatics courses. At least two must be at the 300/400 level.
(Excludes INFO-I 110, I 111, I 130, T 100, Y 100, and Y 395. Independent study, internship, and capstone courses may only be counted with approval of the Director of Undergraduate Studies.)

Informatics Certificate

INFO-I 101 must be completed with a minimum grade of C. A minimum grade of C- in all other courses with an overall certificate GPA of 2.0 is required.

- INFO-I 101 Introduction to Informatics (minimum grade of C required in this class)
- INFO-I 201 Mathematical Foundations of Informatics
- INFO-I 202 Social Informatics
- INFO-I 210 Information Infrastructure I
- INFO-I 211 Information Infrastructure II
- INFO-I 300 Human Computer Interaction
- INFO-I 308 Information Representation
- One** course from the list of Informatics electives (see Bulletin for approved courses)

Information Technology Minor

A minimum grade of C- in each course and an overall minor GPA of 2.0 is required.

Note: Computer Science majors may not claim this minor.

15 credit hours to include the following:

- CSCI-A 201 and CSCI-A 202 (Introduction to Programming I and II)
OR CSCI-C 211 and CSCI-C 212 (Intro to Computer Science and Intro to Software Systems)
- CSCI-A 338 Network Technologies and Administration
- Choose **one** option from: CSCI-A 216 Digital Multimedia Concepts and Technologies, CSCI-A 321 Computing Tools for Scientific Research, CSCI-A 348 Mastering the World Wide Web, or any three CSCI-A 290 sections not part of CSCI-A 202

Minors/Certificates in Technology-Related Areas (2012-2013)

Computer Science Minor (*offered through the College of Arts & Sciences*)

A minimum grade of C- in each course and an overall GPA of 2.0 is required.

- CSCI-C 211 Introduction to Computer Science
- CSCI-C 212 Introduction to Software Systems
- CSCI-C 241 Discrete Structures for Computer Science
- CSCI-C 335 Computer Structures **OR** CSCI-C 343 Data Structures

Security Informatics Minor

A minimum grade of C- in each course and an overall minor GPA of 2.0 is required.

Preparatory courses:

INFO majors – INFO-I 101, INFO-I 201, INFO-I 210, and INFO-I211

CS majors – CSCI-C 211, CSCI-C 212, and CSCI-C 241

Required courses:

- INFO-I 130 Introduction to Cybersecurity
- INFO-I 230 Analytical Foundations of Security
- INFO-I 231 Math Foundations of Cybersecurity
- Three** courses from the following:
 - INFO-I 330 Legal and Social Informatics of Security
 - INFO-I 400 Topics in Informatics (topic must be security related; approval required)
 - INFO-I 430 Security for Networked Systems
 - INFO-I 433 Protocol Design and Analysis

Human-Centered Computing Minor

INFO-I 101 must be completed with a minimum grade of C. A minimum grade of C- in all other courses with an overall minor GPA of 2.0 is required.

Required courses:

- INFO-I 101 Intro to Informatics (minimum grade of C required in this course)
OR CSCI-A 110 Intro to Computers and Computing
- INFO-I 202 Social Informatics
- INFO-I 300 Human-Computer Interaction Design and Programming
- Two** courses from the following:
 - CSCI-A 216 Digital Multimedia Concepts and Technologies
 - INFO-I 303 Organizational Informatics
 - INFO-I 310 Multimedia Arts and Technology
 - INFO-I 330 Legal and Social Informatics
 - INFO-I 356 Globalization, Where We Fit
 - INFO-I 441 Human-Computer Interaction and Design
 - INFO-I 453 Computer and Information Ethics
 - INFO-I 399/INFO-I 400 Topics in Informatics - with permission of the Director for Undergraduate Studies; only 1 approved topics course counts toward the minor.