INFORMATICS MINOR

for the Undergraduate Minor in Informatics

The Minor in Informatics will teach you to become a better creator and user of computing technology in your major area and to think critically about new technology's role in society. No other field has, and will have, a greater influence on humanity in our generation.

Informatics studies the design, application, use and impact of information technology. The ability to handle vast amounts of information cheaply has changed the way we live. Advances in computer power, the World Wide Web, search engines, social networking, mobile technology, GIS, and large-scale collaborative initiatives, to name a few, have revolutionized the way knowledge is created and shared. Information has become a ubiquitous, indispensable component of our everyday lives, as we strive to manage information, create knowledge, and make decisions.

The Informatics Minor signals that you have concrete expertise in computing and Information Technology (IT) and understand their human implications.

Students from any major interested in applying technology or studying its effect on humanity are encouraged to apply, preferably by the end of sophomore year. Although there are no prerequisites, basic familiarity with computers is expected.To receive the Informatics Minor students must complete three core courses plus three upper-level classes with sufficient informatics or computational content from an approved list of courses offered from a wide range of disciplines. The core courses are INFO 102, CS 105, and INFO 202. INFO 102 is a broad introduction to computer science and provides an understanding of the nature, capabilities, and limitations of IT. CS 105 is an introduction to computer programming for non-science and non-engineering majors. INFO 202 explores the ways in which IT has and is transforming society and how these technologies affect a range of social, political, and economic issues from the individual to societal levels. Some substitutions can be made. Visit our website to see the list of upper-level courses (https://informatics.ischool.illinois.edu/courses-for-the-minor/) that count toward the minor. This list is dynamic as new classes are added each year.

Visit our website for information about the Informatics Minor (https://informatics.ischool.illinois.edu/minor-program/). This minor is offered by Informatics Programs (https://informatics.ischool.illinois.edu/). Informatics Programs can be reached by phone at (217) 333-4930.

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Course requirements for students who are NOT CS or CS + or ECE or Information Systems or Art & Design majors or CS minors:

Code	Title	Hours
INFO 102	Little Bits to Big Ideas	4
INFO 202	Social Aspects Info Tech	3
Select one of the following:		3
CS 105	Intro Computing: Non-Tech	
CS 101	Intro Computing: Engrg & Sci	
CS 124	Introduction to Computer Science I	
STAT 107	Data Science Discovery	
ECE 120 & ECE 220	Introduction to Computing and Computer Systems & Programming	
3 upper-level courses from an Informatics-approved list of courses		9
Total Hours		**19**

Course requirements for students who are CS, CS+, or ECE majors or CS minors:

Code	Title	Hours
INFO 202	Social Aspects Info Tech	3
Select one of the following:		3-4
CS 101	Intro Computing: Engrg & Sci	
CS 124	Introduction to Computer Science I	
ECE 220	Computer Systems & Programming	
4 upper-level, non-CS courses from an Informatics-approved list of courses		12
Total Hours		**18-19**

Course requirements for students who are Information Systems majors:

Code	Title	Hours
INFO 102	Little Bits to Big Ideas	4
INFO 202	Social Aspects Info Tech	3
Select one of the following:		3
CS 105	Intro Computing: Non-Tech	
CS 101	Intro Computing: Engrg & Sci	
CS 124	Introduction to Computer Science I	
STAT 107	Data Science Discovery	
ECE 120 & ECE 220	Introduction to Computing and Computer Systems & Programming	
Three upper-level non-BADM courses from an Informatics approved list of courses.		9
Total Hours		**19**

Course requirements for students who are Art & Design majors:

Code	Title	Hours
INFO 102	Little Bits to Big Ideas	4
INFO 202	Social Aspects Info Tech	3
Select one of the following:		3
CS 105	Intro Computing: Non-Tech	
CS 101	Intro Computing: Engrg & Sci	
CS 124	Introduction to Computer Science I	
STAT 107	Data Science Discovery	
ECE 120 & ECE 220	Introduction to Computing and Computer Systems & Programming	
3 upper-level, non-ARTS and non-ARTD courses from an Informatics-approved list of courses		9
Total Hours		**19**

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Contact: Lisa Bievenue, (217)-333-4930
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Informatics Minor email (info-minor@illinois.edu)