

Informatics, Minor

Requirements

The undergraduate minor in informatics requires a minimum of 16 s.h., including at least 12 s.h. in courses taken at the University of Iowa. Students must maintain a grade-point average of at least 2.00 in all courses for the minor and in all UI courses for the minor. Coursework in the minor may not be taken pass/nonpass.

Students who major in computer science, data science, computer science and engineering, electrical engineering (computer track), or business analytics and information systems may not earn a minor in informatics.

The minor in informatics requires the following coursework. Enrollment in many courses for the minor requires a minimum grade of C-minus in prerequisite courses.

Course #	Title	Hours
Both of these:		
CS:1110	Introduction to Computer Science	3
CS:2110	Programming for Informatics	4
Two of these:		
CS:2420	Analyzing Data for Informatics	3
CS:2520	Human-Computer Interaction for Informatics	3
CS:2620	Server-Side Development for Informatics	3
One of these:		
PSY:2811	Research Methods and Data Analysis in Psychology I	3
STAT:1020	Elementary Statistics and Inference	3
STAT:1030	Statistics for Business	4
STAT:2010	Statistical Methods and Computing	3
STAT:2020	Probability and Statistics for the Engineering and Physical Sciences	3
STAT:3120	Probability and Statistics	4
STAT:3510	Biostatistics	3
STAT:4143	Introduction to Statistical Methods	3

Students may declare the informatics minor and request an audit for the minor on MyUI.

Academic Plans

Sample Plan of Study

Sample plans represent one way to complete a program of study. Actual course selection and sequence will vary and should be discussed with an academic advisor. For additional sample plans, see MyUI.

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Course	Title	Hours
Academic Career		
Any Semester		

The informatics minor requires a minimum of 16 s.h. of coursework, including at least 12 s.h. of courses taken at the University of Iowa.

Students must earn a C-minus minimum grade in prerequisite courses to advance to the subsequent course.

Several informatics courses are offered only in the fall or spring terms.

For assistance sequencing the minor given the irregular course offerings and prerequisite structure, see the computer science departmental advisor.

Hours		0
First Year		
Fall		
CS:1110	Introduction to Computer Science	3
Hours		3
Spring		
CS:2110	Programming for Informatics	4
Hours		4
Second Year		
Fall		
Minor: statistics course ^a		3 - 4
Hours		3-4
Spring		
CS:2420	Analyzing Data for Informatics ^b	3
Hours		3
Third Year		
Spring		
CS:2520	Human-Computer Interaction for Informatics ^b	3
Hours		3
Total Hours		16-17

^a Choose from PSY:2811, STAT:1020, STAT:1030, STAT:2010, STAT:2020, STAT:3120, STAT:3510 or STAT:4143. Some statistics options require specific math prerequisites. See academic advisor for more information.

^b Need two of these: CS:2420 (spring only, requires a statistics prerequisite), CS:2520 (spring only), CS:2620 (fall only); check MyUI for course availability since offerings are subject to change.