

Informatics, Graduate Certificate

Requirements

The graduate Certificate in Informatics requires 19 s.h. of graduate credit. Students must earn a g.p.a. of at least 3.00 in certificate coursework. The certificate program is designed for students enrolled in University of Iowa graduate degree programs who wish to study informatics as a complement to their degree program and for nondegree students who are interested in increasing their knowledge of informatics.

The Certificate in Informatics requires the following coursework.

Required Courses

Programming

Code	Title	Hours
This course:		
CS:5110/IGPI:5110	Introduction to Informatics	3
One of these:		
CS:3210	Programming Languages and Tools	3
CS:3980	Topics in Computer Science I	3
GEOG:5055/ IGPI:5055	Geospatial Programming	3

Statistics

Code	Title	Hours
One of these:		
BIOS:4120	Introduction to Biostatistics	3
STAT:4143/ PSQF:4143	Introduction to Statistical Methods	3

Data Science

Code	Title	Hours
One of these:		
BAIS:4480/ ECE:4480	Knowledge Discovery	3
STAT:4540/ IGPI:4540	Statistical Learning	3
An approved course (consult advisor)		3

Databases

Code	Title	Hours
One of these:		
CS:4400	Database Systems	3
GEOG:4580/ IGPI:4581	Introduction to Geographic Databases	3

Human Factors

Code	Title	Hours
One of these:		
CS:4500	Research Methods in Human-Computer Interaction	3

CS:4510	Human-Computer Interaction for Computer Science	3
GEOG:5540/ IGPI:5540	Geographic Visualization	3

Ethics

Code	Title	Hours
This course:		
CS:5980	Topics in Computer Science III	1

For more information about certificate requirements, see the Interdisciplinary Graduate Program in Informatics website.

Admission

Certificate program applicants may be degree or nondegree graduate students. Applicants who are enrolled in a University of Iowa graduate degree program must be in good academic standing in their program.

Applicants must meet the admission requirements of the Graduate College; see the Manual of Rules and Regulations on the Graduate College website.