

Informatics, MS

Academic Plans

Sample Plans 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.

Informatics, MS

- Geoinformatics Subprogram [p. 1]
- Health Informatics Subprogram [p. 1]
- Human-Computer Interaction Subprogram [p. 2]

Geoinformatics Subprogram

Course	Title	Hours
Academic Career		
Any Semester		
31 s.h. must be graduate level coursework; graduate transfer credits allowed upon approval. More information is included in the General Catalog and on department website. ^a		
Hours		0
First Year		
Fall		
STAT:4143 or BIOS:4120	Introduction to Statistical Methods or Introduction to Biostatistics	3
CS:5110	Introduction to Informatics	3
Geoinformatics Cognate course ^b		3
Hours		9
Spring		
STAT:4540 or BAIS:6480	Statistical Learning or Knowledge Discovery	3
CS:5980	Topics in Computer Science III ^c	1
GEOG:4580	Introduction to Geographic Databases	3
GEOG:5055	Geospatial Programming	3
Hours		10
Second Year		
Fall		
GEOG:5540	Geographic Visualization	3
Geoinformatics Cognate course ^b		3
Geoinformatics Cognate course ^b		3
Hours		9
Spring		
Geoinformatics Cognate course ^b		3
Verify completion of all degree requirements		
Hours		3
Total Hours		31

a Students must complete specific requirements in the University of Iowa Graduate College after program admission. Refer to the Graduate College website and the Manual of Rules and Regulations for more information.

b See the General Catalog for list of approved courses.

c Typically this course is offered in spring semesters only. Check MyUI for course availability since offerings are subject to change.

Health Informatics Subprogram

Course	Title	Hours
Academic Career		
Any Semester		
31 s.h. must be graduate level coursework; graduate transfer credits allowed upon approval. More information is included in the General Catalog and on department website. ^a		
Hours		0
First Year		
Fall		
BIOS:4120	Introduction to Biostatistics	3
CS:4400 or GEOG:4580	Database Systems or Introduction to Geographic Databases	3
CS:5110	Introduction to Informatics	3
Hours		9
Spring		
BAIS:6480 or STAT:4540	Knowledge Discovery or Statistical Learning	3
CS:5980	Topics in Computer Science III ^b	1
Programming course ^c		3
Health Informatics Cognate course ^d		3
Hours		10
Second Year		
Fall		
GEOG:5540 or CS:4510 or CS:4500	Geographic Visualization or Human-Computer Interaction for Computer Science or Research Methods in Human-Computer Interaction	3
Health Informatics Cognate course ^d		3
Health Informatics Cognate course ^d		3
Hours		9
Spring		
Health Informatics Cognate course ^d		3
Verify completion of all degree requirements		
Hours		3
Total Hours		31

a Students must complete specific requirements in the University of Iowa Graduate College after program admission. Refer to the Graduate College website and the Manual of Rules and Regulations for more information.

b Typically this course is offered in spring semesters only. Check MyUI for course availability since offerings are subject to change.

c Choose from CS:3010, CS:3210, CS:3980, GEOG:5055.

d See the General Catalog for list of approved courses.

Human-Computer Interaction Subprogram

Course	Title	Hours
Academic Career		
Any Semester		
31 s.h. must be graduate level coursework; graduate transfer credits allowed upon approval. More information is included in the General Catalog and on department website. ^a		
Hours		0
First Year		
Fall		
CS:5110	Introduction to Informatics	3
GEOG:4580 or CS:4400	Introduction to Geographic Databases or Database Systems	3
STAT:4143 or BIOS:4120	Introduction to Statistical Methods or Introduction to Biostatistics	3
Hours		9
Spring		
STAT:4540 or BAIS:6480	Statistical Learning or Knowledge Discovery	3
CS:4500 or GEOG:5540 or CS:4510	Research Methods in Human-Computer Interaction or Geographic Visualization or Human-Computer Interaction for Computer Science	3
CS:5980	Topics in Computer Science III ^b	1
Programming course ^c		3
Hours		10
Second Year		
Fall		
Human-Computer Interaction Cognate course ^d		3
Human-Computer Interaction Cognate course ^d		3
Human-Computer Interaction Cognate course ^d		3
Hours		9
Spring		
Human-Computer Interaction Cognate course ^d		3
Verify completion of all degree requirements		
Hours		3
Total Hours		31

a Students must complete specific requirements in the University of Iowa Graduate College after program admission. Refer to the Graduate College website and the Manual of Rules and Regulations for more information.

b Typically this course is offered in spring semesters only. Check MyUI for course availability since offerings are subject to change.

c Choose from CS:3010, CS:3210, CS:3980, GEOG:5055.

d See the General Catalog for list of approved courses.