

Informatics, BA

Academic Plans

Four-Year Graduation Plan

The Four-Year Graduation Plan is not available to BA students majoring in informatics. Students work with their advisors on individual graduation 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.

Informatics, BA

Course	Title	Hours
Academic Career		
Any Semester		
GE CLAS Core: Sustainability ^a		
Hours		0
First Year		
Fall		
CS:1110	Introduction to Computer Science	3
ENGL:1200 or RHET:1030	The Interpretation of Literature or Rhetoric: Writing and Communication	3 - 4
GE CLAS Core: Understanding Cultural Perspectives ^b		3
GE CLAS Core: International and Global Issues ^b		3
CSI:1600	Success at Iowa	1
Hours		13-14
Spring		
Major: introductory statistics ^{c, d}		3 - 4
Major: cognate area course ^e		3 - 4
ENGL:1200 or RHET:1030	The Interpretation of Literature or Rhetoric: Writing and Communication	3
GE CLAS Core: Historical Perspectives ^b		3
Elective course ^f		2
Hours		14-16
Second Year		
Fall		
CS:2110	Programming for Informatics ^g	4
Major: cognate area course ^e		3 - 4
GE CLAS Core: Social Sciences ^b		3
GE CLAS Core: World Languages First Level Proficiency or elective course ^h		4 - 5
Elective course ^f		3
Hours		17-19
Spring		
CS:2420	Analyzing Data for Informatics ⁱ	3
CS:2520	Human-Computer Interaction for Informatics ⁱ	3
Major: cognate area course ^e		3 - 4
GE CLAS Core: World Languages Second Level Proficiency or elective course ^h		4 - 5

Elective course ^f	2
Hours	15-17

Third Year		
Fall		
CS:2620	Server-Side Development for Informatics ^g	3
Major: cognate area course ^e		3 - 4
GE CLAS Core: Natural Sciences without Lab ^b		3
GE CLAS Core: World Languages Third Level Proficiency or elective course ^h		4 - 5
Elective course ^f		2
Hours		15-17

Spring		
Major: cognate area course ^e		3 - 4
GE CLAS Core: Literary, Visual, and Performing Arts ^b		3
GE CLAS Core: Natural Sciences with Lab ^b		4
GE CLAS Core: World Languages Fourth Level Proficiency or elective course ^h		4 - 5
Elective course ^f		3
Hours		17-19

Fourth Year		
Fall		
Major: advanced informatics elective ^j		3
Major: cognate area course ^e		3 - 4
GE CLAS Core: Values and Society ^b		3
Elective course ^f		3
Elective course ^f		3
Hours		15-16

Spring		
CS:3910	Informatics Project ⁱ	3
Major: cognate area course ^e		3 - 4
Elective course ^f		3
Elective course ^f		3
Elective course ^f		3
Degree Application: apply on MyUI before deadline (typically in February for spring, September for fall)		

Hours		15-16
Total Hours		121-134

a Sustainability must be completed by choosing a course that has been approved for Sustainability AND for one of these General Education areas: Natural Sciences; Quantitative or Formal Reasoning; Social Sciences; Historical Perspectives; International and Global Issues; Literary, Visual, and Performing Arts; or Values and Society.

b GE CLAS Core courses may be completed in any order unless used as a prerequisite for another course. Students should consult with an advisor about the best sequencing of courses.

c See General Catalog for list of approved courses. Students pursuing the human-computer interaction cognate are encouraged to take either PSY:2811 or SOC:2160.

d Fulfills a major requirement and may fulfill a GE requirement.

e Students must complete all requirements in one of the following cognate areas: art, economics, geoinformatics, health informatics, human-computer interaction, linguistics, media, music, social informatics or an individualized cognate. Students interested in developing individualized

cognates (a grouping of 18-25 s.h. of courses drawn primarily from one department) must work with an informatics faculty advisor to create a plan of study and obtain departmental approval for their plan.

- f Students may use elective courses to earn credit towards the total s.h. required for graduation or to complete a double major, minors, or certificates.
- g Typically this course is offered in fall semesters only. Check MyUI for course availability since offerings are subject to change.
- h Students who have completed four levels of a single language or two levels of two different languages in high school or college have satisfied the GE CLAS Core World Languages requirement. Students who have completed three levels of a single language may complete a fourth-level course in the same language or may choose an approved World Language and Cultural Exploration course. Enrollment in world languages courses requires a placement exam, unless enrolling in a first-semester-level course. Contact your academic advisor or CLAS Undergraduate Programs Office with questions concerning the World Languages requirement.
- i Typically this course is offered in spring semesters only. Check MyUI for course availability since offerings are subject to change.
- j Computer science course (prefix CS) numbered 3000-4999, including CS:3990 for 3 s.h., but excluding CS:3910 and CS:4510.
- k Please see Academic Calendar, on Office of the Registrar website, for current degree application deadlines. Students should apply for a degree for the session in which all requirements will be met. For any questions on appropriate timing, contact your academic advisor or Degree Services.