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
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Academic Career
GE CLAS Core: Sustainability | 0

Any Semester

First Year
Fall
CS:1110  Introduction to Computer Science | 3
RHET:1030 or ENGL:1200  Rhetoric or The Interpretation of Literature | 3 - 4
GE CLAS Core: Diversity and Inclusion | 3
GE CLAS Core: International and Global Issues | 3
CSI:1600  Success at Iowa | 2

Hours 14-15

Spring
CS:2110  Programming for Informatics | 4
Major: cognate area course | 3 - 4
RHET:1030 or ENGL:1200  Rhetoric or The Interpretation of Literature | 3
GE CLAS Core: Historical Perspectives | 3
Elective course | 2

Hours 15-16

Second Year
Fall
Major: cognate area course | 3 - 4
Major: statistics course | 3 - 4
GE CLAS Core: Social Sciences | 3
GE CLAS Core: World Languages First Level Proficiency or elective course | 4 - 5
Elective course | 3

Hours 16-19

Spring
CS:2420  Analyzing Data for Informatics | 3
CS:2520  Human-Computer Interaction for Informatics | 3
Major: cognate area course | 3 - 4
GE CLAS Core: World Languages Second Level Proficiency or elective course | 4 - 5
Elective course | 3

Hours 15-17

Third Year
Fall
CS:2620  Server-Side Development for Informatics | 3
Major: cognate area course | 3 - 4
GE CLAS Core: Natural Sciences without Lab | 3
GE CLAS Core: World Languages Third Level Proficiency or elective course | 4 - 5
Elective course | 2

Hours 15-17

Spring
Major: cognate area course | 3 - 4
GE CLAS Core: Literary, Visual, and Performing Arts | 3
GE CLAS Core: Natural Sciences with Lab | 4
GE CLAS Core: World Languages Fourth Level Proficiency or elective course | 4 - 5

Hours 14-16

Fourth Year
Fall
Major: advanced informatics elective | 3
Major: cognate area course | 3 - 4
GE CLAS Core: Values and Culture | 3
Elective course | 3
Elective course | 3

Hours 15-16

Spring
CS:3910  Informatics Project | 3
Major: cognate area course | 3 - 4
Elective course | 3
Elective course | 3
Elective course | 3

Degree Application: apply on MyUI before deadline (typically in February for spring, September for fall)

Hours 15-16

Total Hours 119-132

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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 and Formal Reasoning; Social Sciences; Historical Perspectives; International and Global Issues; Literary, Visual, and Performing Arts; or Values and Culture.
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 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.
d 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.
e 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.
f Fulfills a major requirement and may fulfill a GE requirement.
g Students who have completed four years of a single language in high school have satisfied the GE CLAS Core World Languages requirement. Enrollment in world languages courses requires a placement exam, unless enrolling in a first-semester-level course.
h BAIS:4220, or a computer science course (prefix CS) numbered 3000-4999, including CS:3990 for 3 s.h., but excluding CS:3910 and CS:4510.
i Please see Academic Calendar, 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 Graduation Services.