

Department of Computer Science

THE UNIVERSITY OF IOWA

INFORMATICS COGNATE: GEOGRAPHY

BA in Informatics

The informatics major with a geography cognate requires 48 s.h. of work for the major, including 23 s.h. in cognate courses, which are primarily from geography.

All of these:

044:001 Introduction to Human Geography	4 s.h.
044:003 Introduction to Earth Systems Science	4 s.h.
044:005 Foundations of GIS	3 s.h.
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	11 s.h.

One of these:

044:010 The Contemporary Global System	4 s.h.
044:011 Population Geography	3 s.h.
044:015 Introduction to Political Geography	3 s.h.
044:019 Contemporary Environmental Issues	3 s.h.
044:030 The Global Economy	3 s.h.
044:035 World Cities	3 s.h.
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	3-4 s.h.

One of these:

044:110 GIS for Environmental Studies: Introduction	3 s.h.
044:112 Mapping American Cities and Regions	3 s.h.
044:180 Field Methods in Physical Geography	2-4 s.h.
044:181 Field Methods in Social/Environmental Geography	3 s.h.
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	2-4 s.h.

Two of these:

044:105 Introduction to Environmental Remote Sensing	3 s.h.
044:110 GIS for Environmental Studies: Introduction	3 s.h.
044:112 Mapping American Cities and Regions	3 s.h.
044:113 Principles of Geographical Information Systems	3 s.h.
044:125 Environmental Impact Analysis	4 s.h.
044:128 GIS for Environmental Studies: Applications	3 s.h.
044:136 Planning Livable Cities	3 s.h.
044:137 Health and Environment: GIS Applications	3 s.h.
044:139 Spatial Analysis and Location Models	3 s.h.
044:145 Advanced Geographic Remote Sensing	4 s.h.
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	6-8 s.h.
