

# Department of Computer Science

THE UNIVERSITY OF IOWA

## INFORMATICS COGNATE: LINGUISTICS

### BA in Informatics

The informatics major with a linguistics cognate requires 46 s.h. of work for the major, including 21 s.h. in cognate courses. Linguistics, the scientific study of human languages, is directly related to psychology, anthropology, and computer science as well as to more applied fields such as second language acquisition or speech and hearing science. The cognate focuses on computational representations of syntax and semantics for processing natural language. Cognate courses are drawn primarily from linguistics.

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All of these:

103:100 Introduction to Linguistics	3 s.h.
103:110 Articulatory and Acoustic Phonetics	3 s.h.
103:111 Syntactic Analysis	3 s.h.
103:112 Phonological Analysis	3 s.h.
103:140 Introduction to Computational Linguistics	3 s.h.
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	15 s.h.

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One of these language history courses:

103:131/08L:131 History of the English Language	3 s.h.
103:139/039:139 Chinese Historical Phonology	3 s.h.
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	3 s.h.

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One of these old language courses:

008:141 Old English Beowulf	3 s.h.
103:132/008:140 Elementary Old English	3 s.h.
20E:110/039:110 First-Year Sanskrit: First Semester	4 s.h.
20E:111/039:111 First-Year Sanskrit: Second Semester	4 s.h.
20E:121/039:112 Second-Year Sanskrit: First Semester	3 s.h.
20E:122/039:113 Second-Year Sanskrit: Second Semester	3 s.h.
20G:001 Classical and New Testament Greek I	5 s.h.
20G:002 Classical and New Testament Greek II	5 s.h.
20G:011 Second-Year Greek I	3 s.h.
20G:012 Second-Year Greek II	3 s.h.
20L:001 Elementary Latin I	5 s.h.
20L:002 Elementary Latin II	5 s.h.
20L:005 Accelerated Latin	3-5 s.h.
20L:011 World of Cicero	3 s.h.
20L:012 Golden Age of Roman Poetry	3 s.h.
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	3-5 s.h.

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