

Department of Computer Science
THE UNIVERSITY OF IOWA

INFORMATICS COGNATE: ART
BA in Informatics

The informatics major with an art cognate requires 46 s.h. of work for the major, including 21 s.h. in cognate courses. Students learn about the design and maintenance of Web services, applications of modern computerized artistic tools, and benefits and limitations of computers as a digital medium. They also gain insight into computerized tool design that is guided by knowledge of an artist's requirements. The art cognate may lead to careers in web development, technology coordination for artistic productions, development of digital artistic tools, and artistic or technical development for entertainment companies. Cognate courses are primarily in art history, design, elements of art, and photography.

All of these:

01A:003 Basic Drawing	3 s.h.
01D:028 Graphic Design I	3 s.h.
01D:082 Introductory Computer Graphic Design	3 s.h.
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	9 s.h.

Two of these:

01H:001 Art and Visual Culture	3 s.h.
01H:002 Arts of Africa	3 s.h.
01H:003 Art of Pre-Columbian America, Native America, and Oceania	3 s.h.
01H:004 Masterpieces: Art and Cultural Paradigms	3 s.h.
01H:005 Western Art and Culture Before 1400	3 s.h.
01H:006 Western Art and Culture After 1400	3 s.h.
01H:007 Writing About the Visual Arts	3 s.h.
01H:008 Themes in Global Art	3 s.h.
01H:010 Tutorial for Majors: Art History as a Discipline	3 s.h.
01H:016 Asian Art and Culture	3 s.h.
01H:021 Introduction to the Art of West Africa	3 s.h.
01H:022 Introduction to the Art of Central Africa	3 s.h.
01H:026 Introduction to Ancient Art	3 s.h.
01H:031 Introduction to the Art of China	3 s.h.
01H:033 Introduction to the Art of Japan	3 s.h.
01H:040 Introduction to Medieval Art	3 s.h.
01H:047 Introduction to Renaissance Art	3 s.h.
01H:053 Introduction to Baroque Visual Culture	3 s.h.
01H:062 Introduction to Nineteenth-Century Art	3 s.h.
01H:066 Introduction to American Art	3 s.h.
01H:073 Introduction to Modern/Contemporary Art	3 s.h.
01H:084 Introduction to European Architecture	3 s.h.
01H:090 Introduction to Art and Religion	3 s.h.
01H:098 Undergraduate Topics in Art History	3 s.h.
01H:099 Undergraduate Seminar in the History of Art	3 s.h.
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	6 s.h.

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At least 6 s.h. from these, 3 s.h. must be 100-level:

01D:064 Introduction to Computer-Aided Design for 3-D Design	3 s.h.
01D:128 Computer Graphic Design	3 s.h.
01D:133 Graphic Design II	3 s.h.
01L:040 Introduction to Digital Imaging	3-4 s.h.
01L:140 Digital Imaging	<u>3-4 s.h.</u>
	6-8 s.h.
