ART HISTORY, DESIGN, AND COMPUTER SCIENCES COGNATE

https://cola.unh.edu/art-art-history/program/cognate/art-history-design-computer-sciences

Description

The cognate is for students to develop basic skills in art history and design as well as computer programming. The aim is for them to be able to apply programming skills to develop projects related to museum collections management and visitor experience, research projects, website design for cultural institutions, and art market intelligence and data transparency. Students will be encouraged to learn the basic concepts of art history and design and combine them in creative ways with emerging technologies such as Augmented Reality, Virtual Reality, 3D modelling and more traditional website design. The aim is to give students a head start on how emerging technologies can come together with the art market as well as cultural heritage to help document, preserve, investigate and present it for future generations.

Requirements

The cognate consists of completing three courses in total (12 credits) selected from the list below, preferably completed in the order listed.

Code	Title	Credits
Required Courses		
1. Arts		
Select one course from the following:		4
ARTH 440A	From Digging to Digital: Preserving and Displaying the Past	
ARTH 474	Introduction to Architectural History	
ARTH 480	Introduction to Art History	
ARTS 510	Principles of Design	
2. Computer Sciences		
Select one course from the following:		4
CS 408	Living in a Networked World: The Good, the Bad, and the Ugly	
CS 410P	Introduction to Scientific Programming/Python	
CS 415	Introduction to Computer Science I	
CS 457	Introduction to Data Science and Analytics	
IT 403	Introduction to Internet Technologies	
3. Digital Applications [1]		
Select one course from the following:		4
ARTH 674	Greek Art and Architecture	
ARTH 699	Museum Studies	
HIST 771	Museum Studies	
Any other 600-level Art History course, by permission (WI)		
Total Credits		**12**

[1] Students should aim to complete a project focused on digital applications.