**DATA SCIENCE in the HUMANITIES**

**An Undergraduate Minor**

In response to the growing undergraduate interest in the Humanities Digital Workshop, we now offer a minor combining traditional humanities inquiry with digital methods and analysis.

*Who is this minor for?*

Perhaps you want to bring a more systematic approach to scholarship in the humanities. Perhaps you are desperate for research experience, but aren’t sure whatresearch in literature and the other arts or in cultural and social history would even *look* like. Perhaps you want to strengthen your résumé with transferable skills. Perhaps you're seeking tools and techniques that link inquiry in the humanities and inquiry in the social and natural sciences.

*Research Opportunities*

This minor is unique in its focus on hands-on undergraduate research. Whereas STEM fields provide relatively straightforward pathways toward research, humanities students sometimes find it difficult to discover ways in which to join others in advanced research in their preferred fields. Research opportunities are built *into* the DASH minor. It requires 3 units of work on a faculty-led project. Students may complete this minor with 6 units of course-work, devoting the remaining 9 units entirely to research.

**CHECKLIST OF REQUIREMENTS:**

*Take* ***6 units*** *from Core Curriculum:*

IPH 312: Introduction to Digital Humanities (3 units)

IPH 431: DASH 1 Statistics for Humanities (3 units) *or*

 IPH 430, DAMS Data Management Skills (1 unit) *and*

 IPH 432, PROTA Programming for Text Analysis (2 units)

*Take* ***3 units*** *of work on a faculty project in the HDW. Most students will earn these units by participating in the HDW summer workshop; some will pursue this as an independent study during the academic year.*

*Complete the minor by taking* ***6 units*** *from the following:*

CSE 104: Web Development (3 units)
CSE 131: Introduction to Computer Science I (3 units)

CSE 132: Introduction to Computer Science II (3 units)

Ling 317: Introduction to Computational Linguistics (3 units)

IPH 425: Humanities by the Numbers: Shakespeare (3 units)
U13 221: Spatial Data Modeling and Design (3 units)

U69 3003: Digital Cartography (3 units)

XCore 304: Visualizing Data (3 units)
Independent research (up to 6 units)

Additional work on a faculty project (up to 6 units)

Additional courses from Core Curriculum (up to 6 units)

Digital Humanities courses, 300- or 400-level, home-based in a Humanities dept.

(up to 6 units)