

DIGITAL AND COMPUTATIONAL STUDIES

Digital and Computational Studies addresses topics that span disciplines across campus, uniting them through computational thinking, data analysis, critique of digital objects, and creative problem solving. In particular, computation is not presented merely as a technique to be exploited, but as an object of study with corresponding strengths and weaknesses. Students in DCS classes have the opportunity to work on digital projects, many of them in collaboration with other students.

The following courses are open to first year students and count toward the requirements for the DCS coordinate major or minor:

DCS 1100, Introduction to Digital and Computational Studies (offered every fall)

DCS 1200, Data Driven Societies (offered every spring)

The following courses are also open to first year students and count toward electives for the DCS coordinate major or minor:

DCS 1020, How to Read a Million Books (FYWS)

CSCI 1103/DCS 1300, Programming with Data (This serves as a prerequisite for CSCI 2101 Data Structures)

All of these courses assume no background in any of the subjects covered (ranging from humanities, social sciences, computer science, and mathematics). Several DCS courses are cross-listed with other disciplines. They may be open to first year students, and may count as electives.