



Detail: Vasily Kandinsky, *Color Study: Squares with Concentric Circles*, 1913. Watercolor, gouache and crayon on paper

Course Announcement:

DATA VISUALIZATION CONCEPTS

PUBL610. Summer 2021, Session 1.

June 1 - July 8, Tues & Thurs 6-9:10pm.

Description: The field and practices of data visualization are rapidly expanding to provide ways to effectively analyze and communicate data-derived information. The opportunities for, and value of, the knowledge, skills and abilities needed to do this well are valuable across sectors and domains. In this course students will learn and apply foundational concepts needed not only to represent data, but to communicate their meaning in ways that can powerfully engage others. Data Visualization Concepts is an opportunity to learn the visualization-related fundamentals of perception, chart-making, design, and storytelling.

This class will be offered online, with both **synchronous** and **asynchronous** components. It is open to graduate students from all disciplines and colleges. It uses the UMBC Bookstore's digital **Course Materials Initiative** (CMI) to reduce the cost of the textbook. Students who enroll must opt out of this initiative by June 7th to avoid the charge.

Instructor: Lee Boot, Research Associate Professor, Director of the Imaging Research Center, Affiliate Associate Professor in the departments of Visual Arts, Computer Science and Electrical Engineering, and Language Literacy and Culture, UMBC