Information Design and Visualization, Graduate Certificate (Boston)

The Graduate Certificate in Information Design and Visualization focuses on the data-driven analytical and visual design of information, preparing students to communicate visually while engaging advanced data analytics to produce meaningful information environments.

Graduates of the certificate program are professionals who are prepared to tackle new information communication challenges and communicate and collaborate with researchers in a variety of fields, as well as stakeholders and the public. Throughout the course of the program, students master how to think visually, while also learning how to produce effective, meaningful visual information from various sources of data.

The certificate is intended for practitioners and graduate students from related fields—media, design, communications, data science, and more—who would like to acquire competencies in information design and data visualization to complement their skills and address their professional needs. Embedded in the course offering of our Master of Fine Arts in Information Design and Data Visualization (https://catalog.northeastern.edu/graduate/arts-media-design/art-design/information-design-data-visualization-mfa/) program, students in the certificate program have the opportunity to join MFA students for activities such as attending guest lectures and workshops.

To learn more, visit the Information Design and Data Visualization (https://camd.northeastern.edu/visualization/) portal.

Program Requirements

Complete all courses and requirements listed below unless otherwise indicated.

Core Requirements

Code	Title	Hours
ARTG 5310	Visual Cognition	4
ARTG 5330	Visualization Technologies 1: Fundamentals	4

Electives

Code	Title	Hours
Complete two of the following (multiple completions of ARTG 5000 may apply toward the elective requirement):		8
ARTG 5000	Topics in Design	
ARTG 5100	Information Design Studio 1: Principles	
ARTG 5110	Information Design History	
ARTG 5130	Visual Communication for Information Design	
ARTG 5150 and ARTG 5151	Information Visualization Principles and Practices and Information Design Critique Seminar	
ARTG 5310	Visual Cognition	
ARTG 5320	Statistics for Design	
ARTG 5430	Visualization Technologies 2: Advanced Practices	
ARTG 5710	Design for Dignity	
ARTG 6100	Information Design Studio 2: Dynamic Mapping and Models	
ARTG 6310	Design for Behavior and Experience	
ARTG 6330	Information Design Mapping Strategies	
ARTG 6555	Graphic Design Synthesis	
ARTG 5000 or 6000 level course		

Program Credit/GPA Requirements

16 total semester hours required
Minimum 3.000 GPA required