

## Data Visualization Minor

By the successful completion of this minor, a student will:

1. have an <b>understanding</b> of basic design knowledge, history, research principles, concepts, media and formats to a data visualization project.
2. <b>show competence</b> to identify, define and analyze elements used in information design and apply them to create a rich synthesis of information and hierarchy using visual design principles.
3. <b>have strong knowledge</b> of mapping as an expression of visual thinking and ability to apply it to visual communication projects.
4. have an <b>understanding</b> of large data sets and apply different data visualization techniques, with usage of software/applications.
5. <b>have competence</b> in gathering and organizing usable data and presenting it in a way that provides a unique and critical perspective on the chosen subject matter.
6. <b>competently</b> show project organization skills and a professional attitude related to the professional practice of communication design and data visualization

Learning outcome definition key	
UNDERSTANDING	The student is conversant in the language and importance of the topic in relation to design disciplines including product design, architecture, interior design, fashion, communication and digital design.
COMPETENCE	The student has the ability to apply knowledge of the topic within the design process consistently, but often in a basic and routine way.
STRENGTH	The student has the ability to apply the knowledge in multiple ways that show an understanding of more subtle aspects of the topic.
DEMONSTRATION	The student has the ability to consistently and accurately apply the knowledge in their own way, making subtle distinctions in where and when the knowledge is applicable.
FLUENCY	The student can apply the knowledge in unique and improvisational ways to support design arguments.