



Fall 2021

Big Data in Transportation Workshop

CMP 4280 / CMP 6280

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Th / 6:00p - 9:00p

Big data are leading us to a bold and unprecedented era in transportation. From activity tracking apps to smart cards, big data technologies are disrupting how mobility data are gathered and analyzed. Transportation agencies can leverage these new forms of data to produce novel insights and help create an efficient, integrated, and healthy transportation system in the time of global pandemic.

In this course, students will have access to emerging big data in transportation to hone their skills in data analytics and gain practical experience in working with big data. Under the instructor's supervision, students will work as a highly functioning team and interact with the Utah Department of Transportation to produce professional deliverables. Students should have knowledge of at least one GIS software and have basic understanding of R and be willing to learn more advanced analytics