HUMAN-CENTERED TRANSPORTATION MINOR

Introduction

Please click here (http://catalog.ucdenver.edu/cu-denver/undergraduate/schools-colleges-departments/college-engineering-design-computing/civil-engineering/) to see civil engineering department information.

Human-Centered Transportation engineering and planning is a multidisciplinary field that prioritizes the well-being and diverse needs of individuals and communities in the planning, design, and management of transportation systems. Professionals in this discipline strive to create safe, accessible, and efficient transportation networks that enhance all modes of transportation while also improving quality of life. They consciously integrate and promote elements such as accessibility, inclusivity, environmental sustainability, social equity, and human factors in their designs and decision-making processes. By focusing on the human experience, human-centered transportation engineering and planning seek to create resilient and adaptive systems that address the challenges of urbanization, technology integration, aging infrastructure, as well as diverse requirements and evolving societal expectations in the realm of transportation.

The Human-Centered Transportation minor is designed for CU Denver undergraduates in engineering, architecture—or any other discipline—who want to explore the broad field of transportation as a possible career while also gaining knowledge and skills that will be useful in any walk of life. The curriculum spans across multiple disciplines and departments (civil engineering, urban & regional planning) and can be used as a stepping stone for entry into the transportation industry.

Program Delivery

- This is an on-campus program.

Declaring This Minor

- Click here (http://catalog.ucdenver.edu/cu-denver/undergraduate/schools-colleges-departments/college-engineering-design-computing/#policiestext) to go to information about declaring a minor

General Requirements

Students must satisfy all requirements as outlined below and by the department offering the minor.

- Click here (http://catalog.ucdenver.edu/cu-denver/undergraduate/academic-policies-procedures/) for information about Academic Policies.

Program Requirements

1. All courses must be taken in residence CU Denver (no transfer hours).
2. A minimum 2.0 GPA is required for courses applied to this minor with no individual course grade below C- (1.7).

Code	Title	Hours
CVEN 4633	Sustainable Transportation Systems	3
URPL 4555	Transportation, Land Use and the Environment	3
Select two of the following:		6
CVEN 4631	Transport Modeling and Big Data	
CVEN 4641	Transit System Planning and Design	
CVEN 4662	Transportation System Safety	
URPL 4600	Regional Growth and Equity	
Total Hours		**12**