

# Transportation Planning

## **Director, School of Planning and Public Affairs**

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**Graduate certificate:** transportation planning

**Faculty:** <https://sppa.uiowa.edu/faculty-staff>

**Website:** <https://sppa.uiowa.edu/>

Transportation is vital to modern society. The United States, like other nations, faces many critical transportation problems and issues. The highway system is reaching an advanced stage of its life cycle, transportation finance is unsustainable, public transit operating deficits are growing, the quality of transportation available to many citizens is unacceptably low, serious inequities exist between transportation modes, and extensive changes are called for in traditional transportation institutions. New approaches to financing the nation's road system are badly needed.

Transportation engineers and planners draw on a number of skills to respond to the challenges they face. They must analyze and forecast the movement of people and goods within and between cities; identify effective and efficient means for providing desired transportation services; price these services properly; and evaluate the impact that transportation changes have on land use, environmental quality, economic activity, the local or regional economy, and various subgroups within society.

The graduate Certificate in Transportation Planning is designed for:

- practitioners in planning, engineering, and other fields who want to increase their transportation planning expertise; and
- graduate students at the University of Iowa or other institutions with an interest in the field.

The Certificate in Transportation Planning is coordinated by the School of Planning and Public Affairs.