

# Transportation Planning, Graduate Certificate

## Requirements

The graduate Certificate in Transportation Planning requires 12 s.h. of credit.

In order to cover the variety of topics needed for professionals in transportation planning, the certificate curriculum includes transportation planning history, policy, analytic methods, and the relationship between travel, city form, and urban design. For the capstone course, students undertake a real-world transportation project in collaboration with a community partner through the Iowa Initiative for Sustainable Communities.

The first course in the certificate program introduces students to the fundamentals of urban planning history, theory, and the symbiotic relationship between transportation systems, urban form, and sustainability. Elective courses deepen knowledge through specialization in areas of policy, travel behavior analysis, and traffic safety. Students complete the capstone project as their last course to earn the certificate.

The certificate may be completed in one calendar year or completed over a two-year span if students complete one transportation course per semester. This option accommodates part-time students and those currently enrolled in a two-year master's degree program at the University of Iowa.

Courses are taught primarily in hybrid or online formats. Some elective courses are offered on campus only. Courses are taught by faculty members in the School of Planning and Public Affairs and the College of Public Health.

The Certificate in Transportation Planning requires the following work.

## Required Coursework

Course #	Title	Hours
This course (completed first):		
URP:6266	Transportation, Urban Form, and Sustainability	3
Two of these:		
URP:4262	Transportation Research Methods and Analysis	3
URP:6233	Public Finance and Budgeting	3
URP:6260	Transportation Policy and Planning	3
CPH:4220	Global Road Safety	3
One of these:		
URP:6210	Sustainable Communities Lab II (with advisor approval)	3
URP:6270	Transportation Planning Studio	3

Master of Science in urban and regional planning students may apply to the certificate program through the Graduate

College. See Planning and Public Affairs in the catalog for information about graduate study and degree requirements in the school.

## Academic Plans

### Sample Plan of Study

Sample plans represent one way to complete a program of study. Actual course selection and sequence will vary and should be discussed with an academic advisor. For additional sample plans, see MyUI.

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Course	Title	Hours
<b>Academic Career</b>		
<b>Any Semester</b>		
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<b>Hours</b>		<b>0</b>
<b>First Year</b>		
<b>Fall</b>		
URP:6266	Transportation, Urban Form, and Sustainability	3
<b>Hours</b>		<b>3</b>
<b>Spring</b>		
Certificate: transportation planning elective course <sup>a</sup>		3
<b>Hours</b>		<b>3</b>
<b>Second Year</b>		
<b>Spring</b>		
Certificate: transportation planning elective course <sup>a</sup>		3
<b>Hours</b>		<b>3</b>
<b>Summer</b>		
URP:6210 or URP:6270	Sustainable Communities Lab II or Transportation Planning Studio	3
<b>Hours</b>		<b>3</b>
<b>Total Hours</b>		<b>12</b>

<sup>a</sup> Students must complete two courses from URP:4262, URP:6233, URP:6260, CPH:4220. These courses are all typically offered only in spring semesters.