

# SMART CITY POLICY AND CIVIC PARTNERSHIPS CERTIFICATE

MAPS 742	Public Private Partnerships	3
MAPS 743	Civic Technology	3
MAPS 744	Human Machine Interface	3
<b>Total Credits</b>		<b>15</b>

Department website (<https://www.uwp.edu/learn/programs/smartcitygradcert.cfm>)

College: College of Social Sciences & Professional Studies

## Smart City Policy and Civic Partnerships

Center for Professional Studies

The Smart City Policy and Management program explores business models, technology and best practices for turning a smart city plan into reality. A smart city uses information and communication technologies to increase operational efficiency, share information with the public and improve both the quality of government services and citizen welfare. The challenge to the public sector is to ensure that the needs of the new development surge can be met and supported, and ensuring that local residents are able to participate in, and benefit from, the new economy. Areas of regional and community needs that will be explored include transportation planning, infrastructure, education, security, politics, health/welfare, economy, and the environment. This is a pivotal point for industry and communities, one that presents a qualitative change in how urban environments are created and sustained.

Students who complete courses in this certificate program and are later admitted to the MAPS degree program will be able to use the credits earned in the certificate program toward the degree.

### Program Learning Outcomes

1. Acquire the breadth and application of interdisciplinary knowledge supporting smart cities across new technologies, social sciences and management disciplines.
2. Develop an attitude of innovation, creativity, and curiosity demonstrated through active questioning, discussion, and the acceptance of new ideas.
3. Understand the benefits and challenges of partnerships for smart city initiatives.
4. Understand the conceptual framework for the formation and management of P3.
5. Develop a holistic and system-level perspective on smart sustainable cities that takes an integrative approach towards complex problems leveraging Big Data analytics and strategies related to planning, and public policy.
6. Access, use, and manage information towards identifying and solving public challenges.
7. Practice collaborative skills and decentralized (parallel) decision making.

## Requirements for the Smart City Policy and Civic Partnerships Certificate

Code	Title	Credits
<b>Required Courses</b>		
MAPS 640	Smart Cities & Communities	3
MAPS 741	Smart Policy-Making	3