SMART CITY POLICY AND CIVIC PARTNERSHIPS CERTIFICATE

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

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 Graduate Certificate in Smart City Policy and Civic Partnerships

Code	Title	Credits
Required Courses		
MAPS 640	Smart Cities & Communities	3
MAPS 741	Smart Policy-Making	3
MAPS 742	Public Private Partnerships	3
MAPS 743	Civic Technology	3
MAPS 744	Human Machine Interface	3
Total Credits		**15**

University Requirements for Graduate Certificates

Graduate certificates are designed for students at one of the following levels:

- Students who have completed a baccalaureate or higher degree from a regionally accredited institution and are enrolled for graduate credit
- Students who are enrolled simultaneously in a graduate degree program

Students must meet the admission requirements of a degree seeking or non-degree seeking graduate student to be eligible to earn a graduate certificate. At least 75% of the credits must be earned after completion of a baccalaureate or higher degree and students must attain a GPA of 3.00 within the certificate courses.

Certificate programs are designed to develop a particular expertise or set of skills. Graduate certificate programs will require a minimum of 8 graduate-level credits. For graduate certificates, at least 50% of the credits must be at the 700 level. At least 60% of the credits for the graduate certificates must be earned at UW-Parkside for program residency. Individual departments and programs may require more than 60% of the credits to be taken at UW Parkside.

Certificate programs should not be confused with certification or licensure programs which lead to certification by an outside agency.