Well-planned infrastructure strengthens the sustainability and livability of our cities and communities. The University of Washington's online Master of Infrastructure Planning & Management (MIPM) degree prepares you to lead the development of the next generation of critical infrastructure systems with a focus placed on making sure those systems are resilient, secure, and accessible.

Launched in 2011, the program is designed for early and mid-career professionals seeking advanced training in infrastructure planning and management. The curriculum offers a unique blend of strategic planning and systems theory, providing a holistic view of the interdependencies between systems that make up the modern infrastructure of society — communications, public health, water, energy, food, and transportation.

The MIPM program is offered by the UW Department of Urban Design & Planning, one of the long-standing planning departments in the United States and the top planning school in the Pacific Northwest.

The program’s online asynchronous format makes it convenient not only for civilians, but also for active service members deployed across the country and the world. The program is popular among veterans as well, ranking in the top 10 of UW graduate programs for enrolling student veterans. The majority of students enrolled in the program are from outside the Pacific Northwest and a growing number attend from locations outside the U.S.

The degree features both UW tenured faculty and practitioners that are industry leaders in the subjects they teach. Our instructors include experts in the fields of urban planning, strategic planning, public health, business continuity, emergency services, community engagement, cybersecurity, floodplain management, and infrastructure finance. These diverse backgrounds ensure that the program remains dynamic and responsive to the ever-changing world in which we live, and that the curriculum is relevant to managing current infrastructure sector challenges.

**Required Courses in Sequence:**

**Year One:**
- Autumn Quarter
  - IPM 502: Introduction to Infrastructure Systems
  - IPM 508: Risk Assessment & Business Continuity

- Winter Quarter
  - IPM 500: Strategic Planning & Policy Analysis
  - IPM 504: Applied Geospatial Analysis

- Spring Quarter
  - IPM 505: Climate Change & Infrastructure
  - IPM 516: Community Resilience
Summer Quarter
IPM 501: Comprehensive Emergency Management
IPM 503: Infrastructure Finance

Year Two:
Autumn Quarter
IPM 506: Energy Systems
IPM 510: Water Systems

Winter Quarter
IPM 513: Capstone A: Research Design
IPM 514: Transportation Systems

Spring Quarter
IPM 512: Public Health Systems
IPM 515: Capstone B: Implementation

Summer Quarter
IPM 509: Communications & Cyber Infrastructure Systems
IPM 511: Food Systems

To earn the University of Washington Master of Infrastructure Planning and Management degree, students must successfully complete 15 courses, for a total of 45 credits.

Students gain practical experience through a two-quarter capstone project near the end of the program. The capstone allows students to synthesize what they’ve learned in the program, conduct research, and apply it to a real-world problem. At the same time, students build a network in a particular area of the infrastructure field.

All courses are required, with one exception: Students take five of the six infrastructure systems courses offered.

Another unique aspect of the program allows students to substitute three-courses related to floodplain management for three of the required five infrastructure systems courses in their second year. These courses are designed to prepare a student to take the Certified Floodplain Management (CFM) exam. The courses offer a strong orientation toward hazard mitigation tools and strategies. Detailed information on the floodplain course series can be found at: https://www.infrastructure-management.uw.edu/academic-experience/courses/floodplain-management/

The University of Washington is accredited by the Commission on Colleges of the Northwest Association of School and Colleges.

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