Transportation Management and Policy, Graduate/Professional Certificate

The certificate in transportation management and policy (TMP) was created to satisfy the demand for transportation professionals who understand multiple dimensions of transportation management and planning, enabling them to make choices leading to more environmentally and socially sustainable transportation systems now and in the future. Students focus not only on making transportation sustainable itself, but also on the role transportation plays in supporting and impacting society, the economy, and the environment. TMP certificate participants gain a holistic understanding of the complexities and synergies that influence transportation including climate, energy, communities, land use, resource management, economic development, and social justice.

The certificate addresses multi-modal transportation forms including highways, mass transit, air, water, and rail. By integrating study of the environment, engineering, economics, spatial analysis, and decision-making with the study of political, legal, environmental, and social factors that shape transportation management, the certificate prepares students for professional work with public sector transportation agencies, consulting firms, and other organizations concerned with transportation management and policy.

Requirements

Each TMP student must complete at least 17 credits including courses in transportation systems engineering, policy, the environment, and economics; a colloquium as well as a practicum in transportation management and policy; and an internship. TMP is not available as a stand-alone graduate degree. Master's and doctoral students who complete the requirements receive a certificate in TMP to supplement their graduate degree, or doctoral students can instead count the program as a distributed minor. Doctoral students cannot claim TMP as both a certificate and a distributed minor. They must choose one or the other.

Admissions

TMP welcomes applications from students in any graduate degree program at UW-Madison. The certificate is geared particularly toward those with academic backgrounds in business, economics, engineering, environmental studies, land management, public affairs, and/or urban planning. By entering TMP early in their graduate studies and planning carefully, students often can select courses that satisfy both their degree program and TMP requirements. Students entering the program are expected to have completed at least one college-level course in statistics. Students may be admitted with a deficiency in statistics, but will be expected to complete at least one statistics course in addition to other requirements.