Cradite

URBAN PLANNING, MUP/ ENGINEERING, MS

In cooperation with the Department of Urban Planning, the College of Engineering and Applied Science offers a Master of Science in Engineering/Master of Urban Planning program to prepare students for positions in transportation, public works or similar areas.

Cooperating Departments:

Civil Engineering
Electrical Engineering and Computer Science
Industrial and Manufacturing Engineering
Materials
Mechanical Engineering

Admission Requirements

Application Deadlines

Application deadlines vary by program, please review the application deadline chart (http://uwm.edu/graduateschool/program-deadlines/) for specific programs. Other important dates and deadlines can be found by using the One Stop calendars (https://uwm.edu/onestop/dates-and-deadlines/).

Credits and Courses

Students are required to meet the College of Engineering and Applied Science requirements for the Master of Science in Engineering degree as well as the requirements for a Master of Urban Planning degree as set by the Department of Urban Planning. Students in this program are required to take 15 credits in an approved program of technical studies in the College of Engineering and Applied Science, and 6 credits in nontransportation related engineering approved electives.

Students in the MS/MUP program are required to take 6 credits in the Department of Urban Planning as well as an additional 24 credits of core courses in the Department of Urban Planning. The total credit requirement for the MS/MUP program is 54 credits. Students in the MS/MUP program must also take and pass a comprehensive exam in Urban Planning.

Important

You must refer to the catalog pages of both individual master's programs to ensure that you meet all requirements for both degrees.

Title	Credits
irses	27
Introduction to Land Use Planning	
Introduction to Planning Law	
Planning Theories and Practice	
Urban Development Theory and Planning	
Applied Planning Methods	
Data Analysis Methods I	
Planning Policy Analysis	
Applied Planning Workshop	
Introduction to Urban Design and Physical Planning	
	Introduction to Land Use Planning Introduction to Planning Law Planning Theories and Practice Urban Development Theory and Planning Applied Planning Methods Data Analysis Methods I Planning Policy Analysis Applied Planning Workshop Introduction to Urban Design and

or URBPLAN 791	Introduction to Urban Coographic Is	formation	
OI UNDPLAIN 191	Introduction to Urban Geographic Ir	IIOIIIIatioii	
	Systems for Planning		
or URBPLAN 857	Urban Design as Public Policy		
Total Credits 27			
Code	Title	Credits	
MS Thesis Option			
Urban Planning Credits (27		
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Total Credits	54
Select 3 credits of thesis	3
Select 3 credits CEAS Graduate Seminar	3
Select 6 credits of approved electives	6
Civil Engineering Concentration credits (see courses below)	15

Code Title	Credits
Non-Thesis Capstone Option	
Urban Planning Credits (See course list above)	27
Minimum 18 credits approved credits including Civil Engineering Concentration (see courses below)	18
Select 6 credits of approved electives	6
Select 1 credits CEAS Graduate Seminar	1
Select 3 credits of capstone: Capstone course or flexible independent study	3
Total Credits	55

Code	Title	Credits
Non-Thesis Comprehensi	ve Examination Option	
Urban Planning Credits (S	ee course list above)	27
Minimum 21 credits appro Concentration (see course	oved credits including Civil Engineering es below)	21
Select 6 credits of approv	ed electives	6
Select 1 credits CEAS Gra	duate Seminar	1
Total Credits		55

Civil Engineering Concentration

A minimum of 15 credits of qualifying graduate courses in Civil Engineering.

Title

Qualifying Courses

Code

	Code	Title	Greuits
	Any Civ Eng courses num 888 and 998.	bered between 701 and 999, excluding	15
May include up to 3 credits each of:			
	CIV ENG 990	Masters Thesis	
	CIV ENG 999	Advanced Independent Study	
	Total Credits		15

Additional Requirements

Degree Requirements

Students in the program will concurrently pursue a Master of Science in Engineering degree and a Master of Urban Planning degree from the School of Architecture and Urban Planning. Prerequisite to the award of either degree in this program is the simultaneous award of its counterpart degree. Candidates seeking admission to the MS/MUP must apply to and be admitted to both programs. The requirements for admission to

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the Master of Urban Planning degree program are detailed in the Urban Planning section of the Catalog.

Time Limit

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Students in the MS/MUP program are allowed up to five years from time of initial enrollment to complete all requirements for both degrees.