

Master of Science in Transportation

Master of Science in Transportation - Thesis

Master of Science in Transportation - Thesis	Hours
TRNS 6010 - Transportation Seminar	3
TRNS 6020 - Intermodal Freight Transportation	3
TRNS 6061 - Introduction to Transportation Planning	3
TRNS 6100 - Environment and Energy	3
TRNS 6200 - Transportation Policy and Administration	3
TRNS 6300 - Applied Techniques for Transportation Professionals	3
TRNS 6901 - Transportation Capstone I	3
TRNS 6902 - Transportation Capstone II	3
TRNS 7000 - Thesis Research	3-6
*Approved Electives	
Concentration Course	3
Concentration Course	3
Total Credits Required:	33
Comments:	
Comments: *Elective hours can fall under concentration/specialization courses with graduate coordinators approval.	

Master of Science in Transportation - Non-Thesis: Self-Directed

Master of Science in Transportation - Non-Thesis: Self-Directed	Hours
TRNS 6010 - Transportation Seminar	3
TRNS 6020 - Intermodal Freight Transportation	3
TRNS 6061 - Introduction to Transportation Planning	3
TRNS 6100 - Environment and Energy	3
TRNS 6200 - Transportation Policy and Administration	3
TRNS 6300 - Applied Techniques for Transportation Professionals	3
TRNS 6901 - Transportation Capstone I	3
TRNS 6902 - Transportation Capstone II	3
*Approved Electives	
MURP 5500 – Energy Planning	3
URBN 5145 – Green Infrastructure	3
TRNS 6900 - Independent Study (OR TRNS 6800, TRNS 7000)	3
Total Credits Required:	33
Comments:	
Comments: *Suggested courses. Elective hours can be substituted with other concentration/specialization courses with graduate coordinators approval.	

Master of Science in Transportation - Non-Thesis: Planning Concentration

Master of Science in Transportation - Non-Thesis: Planning	Hours
TRNS 6010 - Transportation Seminar	3
TRNS 6020 - Intermodal Freight Transportation	3
TRNS 6061 - Introduction to Transportation Planning	3
TRNS 6100 - Environment and Energy	3
TRNS 6200 - Transportation Policy and Administration	3
TRNS 6300 - Applied Techniques for Transportation Professionals	3
TRNS 6901 - Transportation Capstone I	3
TRNS 6902 - Transportation Capstone II	3
*Approved Electives	
	3
	3
	3
Total Credits Required:	33
Comments:	
Comments: *Suggested courses. Elective hours can be substituted with other concentration/specialization courses with graduate coordinators approval.	

Master of Science in Transportation - Non-Thesis: Administration Concentration

Master of Science in Transportation - Non-Thesis: Administration	Hours
TRNS 6010 - Transportation Seminar	3
TRNS 6020 - Intermodal Freight Transportation	3
TRNS 6061 - Introduction to Transportation Planning	3
TRNS 6100 - Environment and Energy	3
TRNS 6200 - Transportation Policy and Administration	3
TRNS 6300 - Applied Techniques for Transportation Professionals	3
TRNS 6901 - Transportation Capstone I	3
TRNS 6902 - Transportation Capstone II	3
*Approved Electives	
	3
	3
	3
Total Credits Required:	33
Comments:	
Comments: *Suggested courses. Elective hours can be substituted with other concentration/specialization courses with graduate coordinators approval.	

Transportation Planning Electives	Transportation Administration Electives
MURP 5063 - Land Use Transportation Planning	PADM 6020 - Bureaucracy and Democracy
MURP 6620 - History & Theory Planning	PADM 6110 - Public Budgeting
MURP 6020 - Analytic Methods for Planners	PADM 6160 - Law and Ethics of Public Admin
MURP 5160 - Planning for Hazards	PADM 6201 - Policy Analysis and Program Eval
MURP 6450 - Local Economic Development	PADM 6401 - Administrative Behavior
MURP 5050 - Urban Land Use Plan & Plan Making	

Master of Science in Transportation—GIS Certificate

Master of Science in Transportation - GIS Certificate	Hours
TRNS 6010 - Transportation Seminar	3
TRNS 6020 - Intermodal Freight Transportation	3
TRNS 6061 - Introduction to Transportation Planning	3
TRNS 6100 - Environment and Energy	3
TRNS 6200 - Transportation Policy and Administration	3
TRNS 6300 - Applied Techniques for Transportation Professionals	3
TRNS 6901 - Transportation Capstone I	3
TRNS 6902 - Transportation Capstone II	3
GIS Certificate Requirements* - 12 hours	
GEOG 5805 - Fundamentals of Mapping & GIS	3
GEOG 5830 - GIS Theories & Concepts	3
GEOG 5832 - Advanced Techniques in GIS	3
MURP 5081 – GIS for the Planning Profession	3
Total Credits Required:	36
Comments:	
Comments: *Course substitutions for the GIS certificate may be possible with the advance approval from the GIS certificate coordinator	