

Name: \_\_\_\_\_ Student ID: \_\_\_\_\_

The MS program in Sustainable Transportation and Logistics is a 30-credit, 3-semester program (if completed full-time) and requires a minimum GPA of 3.0 every semester. The degree culminates in one of three options:

1. Comprehensive Exam (0-credit exam, all-course option)
2. Master’s Thesis (6 credit)
3. Master’s Project (3 credits)

Students, with the approval of their permanent advisor, have the opportunity to choose which culminating experience they want to complete to fulfill degree requirements. By the end of the first semester, students should find a permanent major advisor and map out their intended coursework for the remainder of their program. This form should be fully completed and signed by both the student and advisor to confirm approval of courses indicated below for satisfying MS degree requirements, and that the culminating experience has also been selected.

Course # (ex STL 999)	Course Name (ex Intro to Sustainable Transportation)	Anticipated Term (Ex Fall 2020)

**Culminating Experience (check one):**      Exam                  Thesis                  Project  
**Expected Graduation Date (check one)**      June 1                  August 31                  Feb 1

**Advisor Name (print):** \_\_\_\_\_

**Advisor Signature:** \_\_\_\_\_ **Date** \_\_\_\_\_

**Student Signature:** \_\_\_\_\_ **Date** \_\_\_\_\_

**Degree Program Specifics:** Students will take 10 courses for a total of 30 credits.

<b>Core Courses: ALL 5 must be completed</b>			
<b>STL 501 (MGO 638) Logistics and Distribution Management</b>			Spring
<b>STL 502 (IE 550) Optimization and Resource Planning</b>			Fall
<b>STL 503 (MGO 636) Supply Chains: Design, Modeling and Optimization</b>			Fall
<b>STL 504 Transportation Analytics **</b>			Fall
<b>CIE 633 Statistical and Econometric Methods ** (replacing STL 504 effective SP21)</b>			Fall
<b>STL 505 Transportation Systems Modeling Fundamentals</b>			Fall

<b>Electives: Students will choose 3-5 (varies based on culminating experience)</b>			
<b>CIE 536</b>	<b>Traffic Operations and Design</b>	Transportation Elective	Spring
<b>CIE 574</b>	<b>Traffic Safety</b>	Transportation Elective	Spring
<b>CIE 555</b>	<b>Discrete Choice Modeling</b>	Transportation Elective	Spring
<b>CIE 576</b>	<b>Highway Geometric Design</b>	Transportation Elective	Spring
<b>IE 573</b>	<b>Discrete Optimization</b>	General Elective	Spring
<b>IE 575</b>	<b>Stochastic Methods</b>	Transportation Elective	Fall
<b>MGO 619</b>	<b>Business Forecasting</b>	Logistics Elective	Spring
<b>MGO 631</b>	<b>Production and Inventory Planning</b>	Logistics Elective	Fall
<b>MGO 633</b>	<b>Supply Chain and Global Operations</b>	Logistics Elective	Spring
<b>MGO 637</b>	<b>Purchasing and Global Supply Chain Management</b>	Logistics Elective	Spring
<b>MGO 639</b>	<b>Sustainable Operations</b>	Logistics Elective	Spring
<b>IE 572</b>	<b>Linear Programming</b>	Logistics Elective	Fall
<b>IE 675</b>	<b>Game Theory</b>	Logistics Elective	Fall
<b>STL 520</b>	<b>Emerging Practices in Transportation</b>	General Elective	Fall/Spring
<b>STL/URP 544</b>	<b>Strategic Urban Transportation Planning for Sustainable Futures</b>	General Elective	Spring
<b>IE 678</b>	<b>Urban Operations Research</b>	General Elective	Spring
<b>CSE 503</b>	<b>Computer Science for Non-Majors I</b>	General Elective	Fall
<b>CSE 504</b>	<b>Computer Science for Non-Majors II</b>	General Elective	Fall
<b>GEO 519</b>	<b>Transportation</b>	General Elective	Spring

<b>Culminating Experience: Choose 1</b>			
<b>STL 559 Master's Project</b>		3-credits	Fall/Spring
<b>STL 560 Master's Thesis</b>		6-credits	Fall/Spring