REQUEST TO ADD, DROP, OR CHANGE A CURRICULUM

College: Liberal Arts
Department: Planning and Urban Studies
Date: 1/14/15
CIP: __________

Action (Please Check One Box): Add: ☐ Drop: ☐ Change: ☐

Name of Curriculum: Master of Science in Transportation (TRAN)

Other departments or units affected by this action. It is the responsibility of the initiating department to determine if other departments or units are affected by this proposal and to consult with them. Failure to consult may lead to a deferral of the proposal.

Political Science

Department or unit

Chair or unit head signature (plus date)

Support Not Support

Specify below any curricula and courses (existing and new) that are affected by this request. Submit necessary changes concurrently with this request. In some cases, you may be able to use the "Fast-track" option (see the instructions attached to the Fast-track form). If so, please indicate in one of the spaces below that the Fast-track option is being used and attach the completed Fast-track form(s) to this document.

__________________________________________________________________________

__________________________________________________________________________

Semester/Year for which change is requested, not later than one academic year from submission date: Fall 2015

1 Effective as of August, 2010. Please note: Department names, degree names, and program options are controlled by the Louisiana Board of Regents. Department and degree names may not be changed and options may not be added to a curriculum without their approval. Changes for an existing option may not require approval by the Board of Regents.

2 Please give the complete name of the curriculum, such as Bachelor of Arts in Psychology or Minor in History.

Effective date 9/1/13
For **changes** to a curriculum, please show the **entire section or curriculum** on the “Present” side, and **highlight all changes** to assist in identification on the “Proposed” side.

For a **new** curriculum, show the **entire curriculum as it should appear** in the catalog on the “Proposed” side.

*Proposals for new curricula, concentrations and options must include the following attachments: 1) student learning outcomes, completed program of study requirements template, and completed recommended four year plan template.*

To **drop** a curriculum, list the catalog entries on the “Present” side. **In each instance, please provide appropriate justifications in the space provided on the next page.**

<table>
<thead>
<tr>
<th>Present</th>
<th>Proposed</th>
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</thead>
<tbody>
<tr>
<td>No program currently exists</td>
<td>The Master of Science in Transportation (MST) program prepares students with the knowledge base and skill sets needed for successful professional practice in the transportation industry, which includes careers in the public, private and non-governmental sectors. Transportation professionals work for companies and agencies across a variety of modes serving the needs of moving passengers and freight. The applied nature of the course work ensures students are prepared to make professional contributions upon completion of the program. The program provides graduate students with the opportunity to engage with professionals through course assignments, capstone projects, and internships.</td>
</tr>
</tbody>
</table>

**Student Learning Outcomes**

1. Students will be able to articulate in-depth knowledge about the history and function of freight and passenger transportation and current issues in local, state and national policy.

2. Students will be able to apply quantitative data and methods to transportation issues.

3. Students will demonstrate professional communication and analytical skills.
Overview

The MST will require a minimum of 33 semester credit hours of graduate course work in core courses (18 credit hours), a concentration (9 credit hours), and capstone/thesis projects (6 credit hours).

The following core courses (18 credits) would be required for all students:

- Transportation Seminar: TRAN 6010
- Introduction to Intermodal Freight Transport: TRAN 6020
- Introduction to Transportation Planning: TRAN 6061
- Environment and Energy: TRAN 6100
- Transportation Policy & Administration: TRAN 6200
- Applied Techniques: TRAN 6062

Students must complete a 9-credit concentration in Transportation Planning, Transportation Administration or a self-directed concentration. The two primary concentrations will utilize instructional offerings in the accredited Master of Urban Planning (MURP) degree program and the accredited Master of Public Administration. Students may transfer up to 9-credits from outside UNO, which could apply to the concentration courses.

- Transportation Planning Concentration eligible courses:
  TRAN 6063, MURP 6620, MURP 6020, MURP 5160, MURP 6450, MURP 5050

  Other courses or a thesis option may be permitted with approval of the program coordinator

- Transportation Administration Concentration eligible courses:
Other courses or a thesis option may be permitted with approval of the program coordinator

- Self-Directed Concentration:
  Three courses (nine credits) approved by program coordinator and faculty advisor

Students must complete a six-credit capstone sequence over the course of a year or the thesis option, with six credit hours of thesis research.

- Capstone: TRAN 7001, 7002

**Signatures represent approval.** Signatures by the department chair and courses and curricula committee chairs certify that the proposal was discussed and approved by a majority of the voting members of the department or committee.

<table>
<thead>
<tr>
<th>Date</th>
<th>Campus Courses and Curricula Chair</th>
<th>Date</th>
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<td>1/27/2015</td>
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<td>2/11/15</td>
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<table>
<thead>
<tr>
<th>Date</th>
<th>Graduate Dean (Courses numbered 4000G-7999)</th>
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<tr>
<td>JAN 29 2015</td>
<td></td>
<td>2/12/15</td>
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<th>Date</th>
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<td>2/12/15</td>
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Submit one signed copy to the Office of Academic Affairs and one electronic copy to ucc@uno.edu.
1. On January 12, 2015, the Louisiana Board of Regents approved the Master of Science in Transportation at UNO. This submission is for a new program. The Board of Regents requested an update in one year, so UNO is under pressure to begin enrolling students in this new program in Fall 2015. Since UNO announced its Press Release on January 13, 2015 we have already been contacted by a few students looking to enroll in Fall 2015.

2. This program will serve the educational needs of the students by providing instruction that trains them to become professionals. This includes instruction on the history and function of the freight and passenger transportation systems, an understanding of current issues in local, state and national policy, an understanding of transportation funding and finance, a critical understanding of how to collect and analyze travel data and technical skill building in the transportation field.

3. The field of transportation in Louisiana is experiencing a labor shortage, thus this program will serve the industry needs across the State. No other program in Louisiana is currently offered that would compete with this program.

4. Other universities across the United States are moving towards transportation degrees in an online or executive format. For example, the University of Maryland is currently working on an online Masters program in Transportation. We feel this program will be cutting edge but moving in the direction of other large, public universities in our field are moving.

**Estimated Student Enrollment**

<table>
<thead>
<tr>
<th>Year</th>
<th>New Enrollment</th>
<th>Graduates</th>
<th>Attrition</th>
<th>Total Enrollment</th>
</tr>
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<td>0</td>
<td>20</td>
</tr>
<tr>
<td>2</td>
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</tr>
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<td>5</td>
<td>50</td>
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Note: Additional information about the new M.S. in Transportation program is available in the Board of Regents Request for Authority to Offer a New Program document, which is available upon request.