

**Form J, Board of Regents**

**Institutional Process to Request Academic Program Termination: Interdisciplinary Transportation MS  
Iowa State University – Civil, Construction & Environmental Engineering Department**

**1. Provide a brief description of the program.**

- a) The interdisciplinary Transportation MS major was developed to attract students outside of the College of Engineering, to offer a major with students from a humanities or business background.

**2. Provide a brief rationale for the requested action.**

- a) The interdisciplinary Transportation MS major has not produced the number of applicants and enrollments that were expected when the major was evaluated in 1994 and renamed in 1995 from Transportation Planning to Transportation.

**3. Describe how students currently admitted to or eligible for admission to the program will be accommodated; what kind of transition period is planned; length of transition period.**

- a) Currently there are no students admitted/enrolled in the program.
- b) Interested students can apply to the Civil Engineering major and identify a specialization in Transportation Engineering.

**4. Describe the effect on costs of reducing enrollments or terminating the program, e.g., cost savings, resource reallocations, etc.**

- a) Due to lack of applications and very low enrollment, the effect of terminating the program is minimal.

**5. Is program available elsewhere in the state?**

- a) Students can apply to the Civil Engineering major and identify a specialization in Transportation Engineering.
- b) There are no other MS programs in Transportation in Iowa.

**6. Provide an annual analysis for a 5-year period of applications in the academic program; provide an annual analysis for a 5-year period of enrollments in the academic program.**

| Enrollment Trends  |                                    |                |      |      |      |      |      |  |
|--------------------|------------------------------------|----------------|------|------|------|------|------|--|
| <b>Term:</b>       | Fall                               |                |      |      |      |      |      |  |
| <b>College:</b>    | All Colleges                       |                |      |      |      |      |      |  |
| <b>Department:</b> | All Departments                    |                |      |      |      |      |      |  |
| <b>Level:</b>      | Grad                               |                |      |      |      |      |      |  |
| Enrollment Count   |                                    |                | 2018 | 2019 | 2020 | 2021 | 2022 |  |
| College            | Department                         | Major          |      |      |      |      |      |  |
| BUSINESS           | BUSINESS ADMINISTRATION            | Transportation |      |      |      |      |      |  |
| BUSINESS           | SUPPLY CHAIN & INFORMATION SYSTEMS | Transportation |      |      |      |      |      |  |
| BUSINESS           | SUPPLY CHAIN MANAGEMENT            | Transportation | 1    |      |      |      |      |  |
| DESIGN             | COMMUNITY & REGIONAL PLANNING      | Transportation |      |      |      |      |      |  |

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**7. Provide an annual analysis for a 5-year period of graduations from the academic program.**

| Degree Trends         |                                      |                |           |           |           |           |           |  |
|-----------------------|--------------------------------------|----------------|-----------|-----------|-----------|-----------|-----------|--|
| College: All Colleges |                                      |                |           |           |           |           |           |  |
| Dept: All Depts       |                                      |                |           |           |           |           |           |  |
| Level: All Levels     |                                      |                |           |           |           |           |           |  |
| Term: All Terms       |                                      |                |           |           |           |           |           |  |
| Degree Count          |                                      |                | 2018-2019 | 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 |  |
| College               | Department                           | Major          |           |           |           |           |           |  |
| BUSINESS              | Business Administration              | Transportation |           |           |           |           |           |  |
| BUSINESS              | Supply Chain and Information Systems | Transportation |           | 1         |           |           |           |  |
| DESIGN                | Community and Regional Planning      | Transportation | 1         | 1         |           |           |           |  |

- 8. Is this intended to be a temporary or permanent change (applies only to reduced admissions)? If temporary, for how long?**
- a) Permanent
- 9. How will the reduction or termination affect workforce needs in the state? Be as specific as possible.**
- a) Students accommodated for this termination can major in Civil Engineering with a specialization in Transportation Engineering, so there would be minimal effects to the workforce.
  - b) Students who do not have a background in engineering, but do have an appropriate background for certain transportation-related research projects are commonly considered. Students can also take remedial courses to satisfy CE requirement.
- 10. What is the anticipated impact on other programs? Will students likely go elsewhere?**
- a) Students have options, but if they want to attend ISU, they can major in Civil Engineering with a specialization in Transportation Engineering. Students can take courses outside the department as electives that match their interests.
- 11. What is the anticipated impact on minorities and women?**
- a) Since the major is available to all students who meet admission requirements, no impact is anticipated on minorities and women.
- 12. Is a reduction in faculty, staff, facilities, etc. anticipated?**
- a) The same staff who manage the admissions and students in the Transportation MS major also manage admissions and students in their own departments. Hence, no reduction is anticipated.
- 13. Provide any other information that might be helpful to the Board of Regents in considering this request.**
- a) CCEE Faculty in the Transportation Engineering specialization have voted to discontinue this major. This was primarily in response to the lack of applications and very low enrollment (with an average of under one student per year) in the major.

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Sources:

1. Provost Website:

[www.provost.iastate.edu/sites/default/files/wdclientcss/Faculty/Policies/Faculty%20Handbook%20-%20June%202023.pdf](http://www.provost.iastate.edu/sites/default/files/wdclientcss/Faculty/Policies/Faculty%20Handbook%20-%20June%202023.pdf)

- Faculty Handbook, Section 10.8.2 Discontinuation of Academic Programs

2. Faculty Senate Curriculum Committee (FSCC) webpage:

<https://www.facsen.iastate.edu/councils/academicaffairs/curriculum>

3. Transportation MS major name approved Board of Regents 1995 (changed from Transportation Planning), page 582: [Board Minutes - December 1995 \(iowaregents.edu\)](#)