


Master of Science in Transportation

2 Graduate Program Elimination 2021-22

I. General Information

The faculty member originating this proposal is to complete section I.

TURN ON help text before starting this proposal by clicking  in the top right corner of the heading. You will need to turn on help text again after any actions that refresh the page including after saving proposals, importing information, or running impact reports.

IMPORT curriculum data from the Catalog by clicking  in the top left corner.

Do not make any changes to any information until the proposal has been launched in Step 4.

Department(s) (If Dual or Interdisciplinary please add all departments)*

Civil and Environmental Engineering and Construction

Program Type*

Master's

Degree/ Certificate Name* Master of Science in Transportation

FILL IN ONLY fields required marked with an * after importing data. You will not be able to launch the proposal without completing the required fields. Do not make proposed changes to the information that was imported until after the proposal has been launched in Step 4. Changes will only be tracked after the proposal is launched

Plan Code* TRAMS

Program elimination effective date* 8/15/2021

Explanation/ Rationale for this Proposal*

Provost Office has decided to eliminate the program due to no enrollment from the last two years and not meeting the threshold of required graduates within the last three years.

If prospective students have already submitted applications to this program how do you propose handling them?

Yes. There is one applicant who got admitted for Fall 2021 and the applicant has decided to withdraw the application. Graduate College is in process of returning application fee to the student.

II. Course/Student Information

Are there courses that will no longer be offered? Yes No

If yes, list courses

Are any of these courses required in another program? Yes No

If yes, list courses PhD in Civil Engineering and MSE in Civil Engineering

Are students currently enrolled in the program? Yes No

If yes, describe how they will be accommodated

What is the last term degrees will be conferred for this program? FALL 2020

Please attach required documents by navigating to the Proposal Toolbox and clicking  in the top right corner.

Program Elimination Coversheet available here: www.unlv.edu/provost/vpap/actions


Teach Out Plan Form available here: www.unlv.edu/provost/vpap/actions


NSHE Program Elimination Form available here: www.unlv.edu/provost/vpap/actions

All required forms are attached* Program Elimination Coversheet
 Teach Out Plan Form
 NSHE Program Elimination Form

4. LAUNCH proposal by clicking  in the top left corner.

5. After launching the proposal, make all changes and fill in all additional fields.


6. Finish the launch of your proposal by clicking the icon  located in the Proposal Toolbox on left side at top. Make your decision, comment is optional, and click on "Make decision".

You can check the status of the proposal by clicking  in Proposal Toolbox to verify that the proposal has gone to the next step.

III. Department Vote Information

Note: This section is to be filled out by the Department Chair on behalf of the committee.

(The role has been assigned to the corresponding person on this step. If incorrect, please notify GradCurriculum@unlv.edu)

1. Review the proposal. Discuss and make appropriate revisions.
2. Fill in vote information.
3. Then go to the proposal toolbox at the top right side. Click on  and select the corresponding decision for the committee. This will enable the proposal to go to the next person on the workflow.

You can check the status of the proposal by clicking  in Proposal Toolbox to verify that the proposal has gone to the next step.

If Dual or Interdisciplinary please add votes for all departments / colleges (e.g. Dpt A:.... / Dpt B:....)

Date faculty voted on proposal 3/23/2021


Result of vote* 16/16

Manner of vote During virtual faculty meeting

IV. Unit Vote Information

Note: This section is to be filled out by the College Committee Chair on behalf of the committee.

(The role has been assigned to the corresponding person on this step. If incorrect, please notify GradCurriculum@unlv.edu)

1. Review the proposal. Discuss and make appropriate revisions.
2. Fill in vote information.
3. Then go to the proposal toolbox at the top right side. Click on  and select the corresponding decision for the committee. This will enable the proposal to go to the next person on the workflow.

You can check the status of the proposal by clicking  in Proposal Toolbox to verify that the proposal has gone to the next step.

If Dual or Interdisciplinary please add votes for all departments / colleges (e.g. College A:.... / B:....)

Date faculty voted on proposal 4/26/2021

Result of vote 4/0/0

IV. Processing Notes (Graduate College/Registrar Use Only)

Plan Description

The Master of Science in Transportation (M.S.T.) degree program is oriented toward the practice of transportation science and engineering, with emphasis on the planning, design, operations, and maintenance of transportation systems. It is intended for applicants with all backgrounds especially those in areas other than engineering, and who either presently work for or aspire to work for transportation agencies or private companies who provide professional services in the transportation field. The program is multi-disciplinary in nature and students must take courses from at least two colleges. Two tracks (thesis and project) are available in M.S.T. degree program. For more information about your program, including your graduate program handbook and learning outcomes, please visit the Degree Directory.

Plan Admission Requirements

Application deadlines Applications available on the UNLV Graduate College website. Admission to the program leading to the M.S.T. degree in thesis and project tracks is open to those students completing the following requirements: Applications must include all documentation as required by the Graduate College. Applications should be submitted in the Grad Rebel Gateway system Applicants must have earned a Bachelor of Science or Bachelor of Arts degree from a regionally accredited four-year college or university. If applicant's degree is in a field other than engineering, it is desirable for the bachelor's degree to be earned in one of the following areas: urban or regional planning, architecture, business, economics, public administration, quantitative geography, computer science, mathematics, operations research, statistics, political science, physical science, psychology, health sciences, or similar discipline. The CEEC Graduate Program Committee (GPC) and Graduate Coordinator make all the final decisions after review of each applicant's records and admissions information. Overall undergraduate GPA of at least 2.75 on a 4.00 scale (4.00=A) or equivalent is required for admission or at least 3.00 (4.00=A) for the last two years of undergraduate work. The CEEC Graduate Program Committee (GPC) and Graduate Coordinator make all the final decisions after review of each applicant's records and admissions information. Prior credit (in semester hours) with grades of B or better must have been earned in the following subjects or their equivalents: • MATH 181 – Calculus I • PHYS 151/151L or 152/152L– General Physics I or II • STA 152 - Statistics The applicant must submit a Statement of Intent (SOI) with no more than two pages, indicating previous experience and the reasons why they wish to pursue the M.S.T. degree, and how the degree will be utilized following graduation. In addition, two letters of recommendation (LOR) must be submitted from individuals familiar with the applicant's knowledge, skills and abilities. It is highly recommended that LOR be written on official letter head. International applicants must meet English proficiency requirements established in the UNLV Graduate Catalog. All applicants are

required to take GRE General Test and submit the scores to the University of Nevada, Las Vegas (code 4861). Successful applicants generally have a

combined verbal and quantitative GRE score of at least 300 and analytical writing score of at least 3. All domestic and international applicants must review and follow the Graduate College Admission and Registration Requirements. Students are accepted into a degree program as described in the Graduate Catalog. The faculty, specific areas, and degree tracks within the described programs are subject to change at any time.

Plan Requirements

See Subplan Requirements below. Subplan1: Thesis Track Subplan 2: Project Track

Subplan 1 Requirements: Thesis Track

Total Credits Required: 30

Course Requirements

Required Courses – Credits: 3

CEE 700 Research Methods in Civil and Environmental Engineering	3
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Elective Courses – Credits: 18

Complete 18 credits of advisor-approved elective coursework including a minimum of 3 courses from the following discipline-based list:

CEE 725 Freight Transportation	3
CEE 726 Railroad Operations	3
CEE 735 Earth Dams and Embankments	3
CEE 761 Transportation Demand Analysis	3
CEE 762 Operations Research Applications in Civil Engineering	3
CEE 763 Advanced Traffic Engineering	3

(Optional) Graduate Internship Course-Credit: maximum up to 1

Students engaged in Curricular Practical Training (CPT) must take CEE 792. The course can be taken maximum one time during their study. However, the credit will not be counted towards the degree.

**CEE 792 Graduate Internship for Master in
Civil Engineering and Transportation**

1

Thesis – Credits: 9

CEE 797 Thesis in Civil Engineering

3 – 9

Degree Requirements

A Thesis Advisory Committee composed of at least four members of the UNLV graduate faculty is to be formed for the student. At least two of the committee members must be from tenured or tenure-track faculty of the CEEC Department and the third member can be from a related field. The fourth faculty member, the Graduate College Representative, is recommended by advisor/advisee and appointed by the Graduate College. It is recommended that the Thesis Advisory Committee collective expertise reflects the thesis topic. The committee chair must be a faculty from the area of expertise chosen for thesis topic. In addition to CEE 700, all student must successfully complete a minimum of 18 credit hours of approved graduate courses. In addition to the coursework requirements, 9 credits of research work associated with the master's level thesis (CEE 797) with the outcome being a manuscript written for a specific indexed conference or journal. At least 50% of the courses (600 and 700 level) within the total coursework must be from the College of Engineering. At least 50% of the courses within the total coursework must be 700 level. Students must maintain a minimum grade point average of 3.00. A course in which a grade of less than C was earned will not be considered for use toward the degree.

Graduation Requirements

The student must submit all required forms to the Graduate College and then apply for graduation up to two semesters prior to completing his/her degree requirements. The student must submit and successfully defend his/her thesis by the posted deadline. The defense must be advertised and is open to the public. After the thesis defense, the student must electronically submit a

properly formatted pdf copy of their thesis to the Graduate College for format check. Once the thesis format has been approved by the Graduate College, the student will submit the approved electronic version to ProQuest. Deadlines for thesis defenses, format check submissions, and the final ProQuest submission can be found here.

Subplan 2 Requirements: Project Track

Total Credits Required: 30

Course Requirements

Elective Courses - Credits: 27

Complete 27 credits of advisor-approved elective coursework including a minimum of 3 courses from the following discipline-based list:

CEE 725 Freight Transportation	3
CEE 726 Railroad Operations	3
CEE 735 Earth Dams and Embankments	3
CEE 761 Transportation Demand Analysis	3
CEE 762 Operations Research Applications in Civil Engineering	3
CEE 763 Advanced Traffic Engineering	3

(Optional) Graduate Internship Course - Credit: maximum up to 1

Students engaged in Curricular Practical Training (CPT) must take CEE 792. The course can be taken maximum one time during their study. However, the credit will not be counted towards the degree.

CEE 792 Graduate Internship for Master in Civil Engineering and Transportation	1
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Project - Credits: 3

CEE 796 Design Project in Civil Engineering	1 – 3
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Degree Requirements

The student's Advisor should be tenured or a tenure-track faculty member of the CEEC Department. An advisory committee is not required. Students must complete a minimum of 27 credit hours of approved graduate courses, and 3 credits of project work associated with the master's level project (CEE 796) with the outcome being a paper written for a specific indexed conference or journal. At least 50% of the courses (600 and 700 level) within the total coursework must be from the College of Engineering. At least 50% of the courses within the total coursework must be 700 level. Students must maintain a minimum grade point average of 3.00. A course in which a grade of less than C was received will not be considered for use toward the degree.

Graduation Requirements

The student must submit all required forms to the Graduate College and apply for graduation up to two semesters prior to completing his/her degree requirements. The student must successfully complete a project and submit a project report.

Plan Graduation Requirements

Refer to your subplan for Graduation Requirements. Subplan 1: Thesis Track
Subplan 2: Project Track

Program Alerts (E.g. This program is no longer accepting applications)* This program is no longer accepting applications.

PS Processing Notes

PS Processing Date* 8/15/2021

Initials

Aalog Processing Notes

Aalog Processing Date

Initials

Comments for Master of Science in Transportation

Curriculog	5/7/2021 3:34 pm Reply
Emily Lin has approved this proposal on Graduate College Dean.	
Curriculog	5/7/2021 8:32 am Reply
Gregory Moody has approved this proposal on behalf of Graduate Programs Committee. See Graduate Programs Committee Agenda - May 4, 2021 for more information.	
Curriculog	5/6/2021 4:36 pm Reply
Graduate Curriculum has approved this proposal on Graduate Programs Committee.	
Curriculog	4/26/2021 9:33 pm Reply
Mohamed Trabia has approved this proposal on School/College Associate Dean/ Dean.	
Melissa Morris	4/26/2021 6:25 pm Reply
the committee approved this proposal	
Curriculog	4/26/2021 6:25 pm Reply
Melissa Morris has approved this proposal on School/College Committee.	
Curriculog	4/21/2021 9:38 am Reply
CEEC Chair has approved this proposal on Department Chair.	
Curriculog	4/20/2021 3:44 pm Reply
CEEC Graduate Coordinator has approved this proposal on Graduate Coordinator.	
Curriculog	4/20/2021 9:15 am Reply
Graduate Curriculum has approved this proposal on Technical Review.	
Curriculog	4/19/2021 5:03 pm Reply
Emily Lin has approved this proposal on VPAP Step/ Graduate College Dean Review Step.	

Curriculog

4/19/2021 4:59 pm [Reply](#)

Graduate Curriculum has approved this proposal on VPAP Step/ Graduate College Dean Review Step.

Curriculog

4/16/2021 8:50 am [Reply](#)

EVP VPAP has approved this proposal on VPAP Step/ Graduate College Dean Review Step.

Curriculog

4/15/2021 1:16 pm [Reply](#)

EVP Academic Assessment has approved this proposal on VPAP Step/ Graduate College Dean Review Step.

Curriculog

4/13/2021 8:32 am [Reply](#)

CEEC Graduate Coordinator has approved this proposal on Originator.

Curriculog

4/13/2021 8:32 am [Reply](#)

CEEC Graduate Coordinator has launched this proposal.

Curriculog

4/9/2021 10:58 am [Reply](#)

CEEC Graduate Coordinator imported from the map 2021-2022 Working Graduate Catalog into the following proposal fields: I. General Information: Program Type, I. General Information: Degree/ Certificate Name, IV. Processing Notes (Graduate College/Registrar Use Only): Prospective Curriculum.