

This template is to be used for proposed name changes included on the Academic Plan and for which the unit has received specific written approval from the Office of the University Provost to proceed with internal proposal development and review. A separate proposal must be submitted for each individual name change. The proposal template should be completed and submitted by the Dean's Office to the Office of the University Provost [[mailto: curriculumplanning@asu.edu](mailto:curriculumplanning@asu.edu)]. The name change **may not** be implemented until the Office of the University Provost notifies the academic unit that the name change proposal has completed the approval process.

College/School/Institute: The College of Liberal Arts and Sciences
Department/Division/School: School of Geographical Sciences and Urban Planning
Proposing Faculty Group (if applicable):

Proposal Contact
Name: Rebecca Reining **Title:** Manager of Graduate Programs
Phone Number: 480-965-8675 **Email:** rebecca.reining@asu.edu

Existing Program Information

Program Type: Certificate **Academic Level:** Graduate
Degree Type: Certificate *If other specify* _____
Name: Transportation Systems **Concentration (if applicable)** ()

Proposed Program Name

Name: Transdisciplinary Transportation Studies **Concentration (if applicable)** ()

Plan code(s) for the program:

If this is a degree program that has multiple concentrations, list all program names and plan codes impacted.
 GCTRANSCE

Requested effective date: 2020-21

Select the catalog year for which students can begin applying into this program with the new name.

Note:

1. Name changes can only be implemented so as to be effective for a fall semester.
2. All existing and continuing students will be moved to the new name.
3. Students who complete the degree requirements prior to the fall effective date graduate under the old name.

Briefly describe the proposed change and rationale for the change:

We propose changing the certificate name from Transportation Systems to Transdisciplinary Transportation Studies. Enrollment in the certificate from outside the School of Geographical Sciences and Urban Planning (SGSUP) has been declining steadily. Students in the School of Sustainable Engineering and the Built Environment (SSEBE) already take a course called "Transportation Systems" and thus perceive little benefit to their transcript by completing a certificate with the same name. The new name will attract more participants from across the many disciplines at ASU that study transportation.

Discuss the impact of this change on current students and/or enrollment:

We currently have four active students enrolled from geography, GIS, and social work. The name change and its effective date has been communicated to these students in writing and statements of support are attached. We do not anticipate any negative impact on current students as a result of this change. The name change is expected to increase student enrollment from other disciplines and give them an advantage in getting hired. We anticipate that interest and enrollment will increase as a result of the name change and the corresponding program changes that have been proposed.

DEAN APPROVAL(S)

This proposal has been approved by all necessary unit and College/School levels of review. I recommend implementation of the proposed name change.

College/School/Division Dean name: Fabio Milner

Signature Fabio Milner Date: 12/29/2019

College/School/Division Dean name:
(if more than one college involved)

Signature _____ Date: / /20

Note: An electronic signature, an email from the dean or dean's designee, or a PDF of the signed signature page is acceptable.

University Approval(s)

Graduate College (if applicable)
Name: _____

Signature: Alfredo Antiles Date: 1/17/2020

Office of the University Provost
Name: _____

Signature: _____ Date: / /20

Memorandum

To: Fabio Milner, Associate Dean of Graduate Initiatives, The College of Liberal Arts and Sciences

From: Trisalyn Nelson, Director, School of Geographical Sciences and Urban Planning

CC: Michael Kuby, Director, Transportation Systems Certificate, and Professor, School of Geographical Sciences and Urban Planning
Nick Ray, Assistant Director of Operations, School of Geographical Sciences and Urban Planning
Rebecca Reining, Manager of Graduate Programs, School of Geographical Sciences and Urban Planning

Date: 4/26/19

Re: School of Geographical Sciences and Urban Planning: Increase program requirements for Transportation Systems graduate certificate from 15 to 16 credit hours and rename

We are proposing structural changes to the certificate requirements to make the learning experience more transdisciplinary while still allowing a high degree of flexibility. These changes to the graduate certificate in transportation will make the program more transdisciplinary. Transportation is an inherently interdisciplinary field with classes and research across many ASU schools. Currently, however, certificate students in urban planning could satisfy the requirements with four planning courses and one geography or GIS course, meaning all five could be taken within the School of Geographical Sciences and Urban Planning. The proposed changes would require students to take transportation electives from at least three subject areas and two different schools. The 1.0 credit Interdisciplinary Transportation Seminar series will also broaden their perspectives on transportation.

Along with the program change, we propose changing the certificate name from Transportation Systems to Transdisciplinary Transportation Studies. Enrollment in the certificate from outside the School of Geographical Sciences and Urban Planning (SGSUP) has been declining steadily. Students in the School of Sustainable Engineering and the Built Environment (SSEBE) already take a course called "Transportation Systems" and thus perceive little benefit to their transcript by completing a certificate with the same name. The new name will attract more participants from across the many disciplines at ASU that study transportation.



Ira A. Fulton Schools of Engineering - Impact

From: James Collofello <JAMES.COLLOFELLO@asu.edu>

Date: Friday, January 17, 2020 at 12:47

To: Fabio Milner <milner@asu.edu>

Subject: RE: Impact statement

Fabio,

FSE has reviewed the proposed name change and does not have any concerns.

jim

James S. Collofello

Vice Dean for Academic and Student Affairs

Professor of Computer Science and Engineering

School of Computing Informatics and Decision Systems Engineering

Ira A. Fulton Schools of Engineering

Arizona State University

From: Fabio Milner <milner@asu.edu>

Sent: Friday, January 17, 2020 10:21 AM

To: James Collofello <JAMES.COLLOFELLO@asu.edu>

Cc: Fabio Milner <milner@asu.edu>

Subject: Impact statement

Dear Jim,

Hope you are doing well.

Our School of Geography Studies and Urban Planning (SGSUP) wants to change the name of their Transportation Systems certificate to Transdisciplinary Transportation Systems. Grad College wants a letter of support from your college and, per Provost requirement, this has to come from Dean-to-Dean communication. Would you please send one to me?

Thanks so much,

Fabio

Fabio Augusto Milner, PhD

Associate Dean of Graduate Initiatives

The College of Liberal Arts and Sciences

Director of Mathematics for STEM Education

School of Mathematical and Statistical Sciences

Arizona State University

Herberger Institute for Design and the Arts-Impact

From: Kathryn Maxwell <K.Maxwell@asu.edu>

Date: Tuesday, January 21, 2020 at 2:33 PM

To: Fabio Milner <milner@asu.edu>

Subject: Re: Impact statement

Resent-From: <milner@asu.edu>

Dear Fabio,

The renaming of the certificate to Transdisciplinary Transportation Systems will not have an impact on our programs and I am happy to offer HIDA's support for the renaming of the certificate.

Good luck,

Best,

Kathryn

Kathryn Maxwell
Associate Dean for Student Success
Professor of Printmaking

ASU Herberger Institute for Design and the Arts
Dixie Gammage Hall, Rm. 132
PO Box 872102
Tempe, AZ 85287-2102
p: 480.965.0050
f: 480.727.6529

From: Fabio Milner <milner@asu.edu>

Date: Friday, January 17, 2020 at 10:23 AM

To: kathrynm <K.Maxwell@asu.edu>

Cc: Fabio Milner <milner@asu.edu>

Subject: FW: Impact statement

Dear Kathryn,

Our School of Geographical Sciences and Urban Planning (SGSUP) wants to change the name of their Transportation Systems certificate to Transdisciplinary Transportation Systems. Grad College wants a letter of support from your college and, per Provost requirement, this has to come from Dean-to-Dean communication. Would you please send one to me?

Thanks so much,
Fabio

Fabio Augusto Milner, PhD

Associate Dean of Graduate Initiatives

The College of Liberal Arts and Sciences

Director of Mathematics for STEM Education

SPA – Letter of Support

Rebecca Reining

From: Michael Kuby
Sent: Thursday, April 25, 2019 10:12 AM
To: Rebecca Reining
Subject: FW: Transportation Systems certificate curriculum changes

This makes 3 letters of support so far, from SPA, SOS, and SSEBE Directors and Deans.

From: Donald Siegel
Sent: Thursday, April 25, 2019 5:30 AM
To: Michael Kuby <mikekuby@asu.edu>
Cc: Eric Welch <EricWelch@asu.edu>; Anthony Grubestic <grubestic@asu.edu>
Subject: RE: Transportation Systems certificate curriculum changes

Dear Michael:

The purpose of this email is to express the School of Public Affairs' unbridled support for your transportation systems certificate curriculum changes. Please let me know if you require any additional information.

Best regards,
Don Siegel

Dr. Donald Siegel
Foundation Professor of Public Policy and Management and Director
School of Public Affairs
Arizona State University
411 North Central Avenue, Suite 450
Phoenix, AZ, 85004
(602) 496-1101

<https://scholar.google.com/citations?user=mpaVyFgAAAAJ>

<https://iresearch.asu.edu/profile/3164210>

General Editor-Journal of Management Studies (2017 Impact Factor: 5.329)

Editor-Journal of Technology Transfer (2017 SSCI Impact Factor: 2.932)

Fellow, Academy of Management

Connect with ASU's [School of Public Affairs](#) online: [Facebook](#) – [Twitter](#) – [LinkedIn](#)



To: Donald Siegel <Donald.Siegel.1@asu.edu>
Cc: Eric Welch <EricWelch@asu.edu>; Anthony Grubestic <grubestic@asu.edu>
Subject: FW: Transportation Systems certificate curriculum changes

Dear Dr. Siegel,

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Greetings, I am the Director of ASU's Graduate Certificate in Transportation Systems and a co-chair of KED's Transportation Campaign. We are getting ready to submit a curriculum change proposal for the certificate with the main goal of making it more transdisciplinary in name, in practice, and in enrollment. I am writing to ask for a short email of support (to mikekuby@asu.edu) from other schools. Proposals are due to the Curriculum Committee by April 30, so it would be ideal if you could reply with a statement of support (or let us know about any possible objections) as soon as possible.

Attached are three documents. First is the changemaker cover sheet, which is blank because it can only be filled out by authorized staff members. The second attachment therefore is the draft text to paste into the changemaker form's three text boxes. Third is a form in Word doc for the program requirement changes. In a nutshell, the main changes are:

1. Change the name from "Transportation Systems" to "Transdisciplinary Transportation Studies."
2. Add 1 credit for the Interdisciplinary Transportation Seminar (CEE 591), which increases the total from 15 to 16 credits.
3. Change the elective requirements, from
 - a. 3 transportation electives, of which one must be a methods class and one must be from a different subject (e.g., CEE, PUP) than the other two, to
 - b. 3 transportation electives from three different subjects and at least two different ASU schools.

One goal is to get our SGSUP students, who comprise the vast majority of recent certificate graduates, to take more courses in other programs. Equally important is to attract more students from across campus to take advantage of the breadth of transportation courses across campus. Finally, we want to make the program more appealing to non-degree transportation professionals from public agencies, industry, and NGOs. Overall, we want to grow the program, which has been averaging fewer than 5 graduates per year. I hope you will agree that all of these goals will benefit all of our programs, and there is no downside and only upside to this minor restructuring and rebranding of this existing program.

Along with these changes, we plan to do more marketing and revamp the certificate's blackboard site in Canvas. Over the summer, we will contact faculty in all of the schools involved to ask for an updated list of transportation-related courses, which we will organize into a matrix with different specialized tracks in the rows and participating ASU programs in the columns, which would look something like the following (for now I'm using the six themes from the new <https://transportation.asu.edu> website). This matrix should be a useful resource and advertisement for all of our transportation classes.

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Access and Mobility										
Connected, Automated, and Electric Vehicles										
Modeling and Simulation										
Policy and Governance										
Smart and Resilient Infrastructure										
Sustainable Transportation and Urban Futures										
Etc.										

The certificate was initially started by the Urban Planning program when it was housed in the College of Design, and the School of Geographical Sciences and Urban Planning (SGSUP) has run it for the last decade. In designing these curriculum changes, the SGSUP transportation faculty consulted with Transportation Campaign co-chair Ram Pendyala of Civil Engineering.

Thanks, and wishing you a good end to the spring semester.

Mike

 Dr. Michael Kuby
 Professor, School of Geographical Sciences and Urban Planning
 Director, Graduate Interdisciplinary Certificate Program in Transportation Systems
 Arizona State University
 Tempe, AZ 85287-5302
 Office: COOR 5568
 Phone 480-965-6850, Fax 480-965-8313, Mobile 602-750-9907
 Email: mikekuby@asu.edu, Web: <https://sgsup.asu.edu/michael-kuby>

SOS – Letter of Support

Rebecca Reining

From: Michael Kuby
Sent: Wednesday, April 24, 2019 12:37 PM
To: Rebecca Reining
Subject: FW: Transportation Systems certificate curriculum changes

From: Christopher Boone
Sent: Tuesday, April 23, 2019 3:50 PM
To: Michael Kuby <mikekuby@asu.edu>
Cc: Nathan Parker <ncparker@asu.edu>; Caroline Harrison <Caroline.Harrison@asu.edu>
Subject: RE: Transportation Systems certificate curriculum changes

Dear Mike,

The School of Sustainability is happy to support the changes you propose.

Chris

Christopher Boone

Dean and Professor

ASU School of
Sustainability
Arizona State University

P.O. Box 875502 | Tempe, Arizona | 85287-5502

PH: 480-965-2236 | Main: 480-965-2975

SchoolOfSustainability.asu.edu

Executive Assistant: Lorraine.Protocollo@asu.edu

From: Michael Kuby <mikekuby@asu.edu>
Sent: Tuesday, April 23, 2019 1:07 PM
To: Christopher Boone <Christopher.G.Boone@asu.edu>
Cc: Nathan Parker <ncparker@asu.edu>
Subject: Transportation Systems certificate curriculum changes

Dear Chris,

Greetings, I am the Director of ASU's Graduate Certificate in Transportation Systems and a co-chair of KED's Transportation Campaign. We are getting ready to submit a curriculum change proposal for the certificate with the main goal of making it more transdisciplinary in name, in practice, and in enrollment. I am writing to ask for a short email of support (to mikekuby@asu.edu) from other schools. Proposals are due to the Curriculum Committee by April 30, so it would be ideal if you could reply with a statement of support (or let us know about any possible objections) as soon as possible.

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Along with these changes, we plan to do more marketing and revamp the certificate's blackboard site in Canvas. Over the summer, we will contact faculty in all of the schools involved to ask for an updated list of transportation-related courses, which we will organize into a matrix with different specialized tracks in the rows and participating ASU programs in the columns, which would look something like the following (for now I'm using the six themes from the new <https://transportation.asu.edu> website). This matrix should be a useful resource and advertisement for all of our transportation classes.

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Thanks, and wishing you a good end to the spring semester.

Mike

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Professor, School of Geographical Sciences and Urban Planning
Director, Graduate Interdisciplinary Certificate Program in Transportation Systems
Arizona State University
Tempe, AZ 85287-5302
Office: COOR 5568
Phone 480-965-6850, Fax 480-965-8313, Mobile 602-750-9907
Email: mikekuby@asu.edu, Web: <https://sgsup.asu.edu/michael-kuby>

SSEBE – Letter of Support

From: Michael Kuby
Sent: Wednesday, April 24, 2019 12:49 PM
To: Rebecca Reining
Subject: FW: Statement of Support for Transportation Systems certificate curriculum changes

From: Ram Pendyala
Sent: Monday, April 22, 2019 10:54 PM
To: Michael Kuby <mikekuby@asu.edu>
Subject: Statement of Support for Transportation Systems certificate curriculum changes

Dear Mike: As the Interim Director of the School of Sustainable Engineering and the Built Environment, I am very pleased to support the proposed changes to the Graduate Certificate in Transportation Systems. The proposed changes will foster greater connections across schools and disciplines, provide students broad trans-disciplinary perspectives necessary for developing sustainable transportation systems of the future, and enhance the appeal of the graduate certificate.

We look forward to working with you in the months ahead to promote the program and coordinate course offerings. If you need any additional information, please do not hesitate to ask.

Thanks so much for your efforts.

Best regards,
Ram

Ram M. Pendyala, PhD | Professor, Transportation Systems
Interim Director, School of Sustainable Engineering and the Built Environment
Director, TOMNET – a USDOT Tier 1 University Transportation Center
Director, Mobility Analytics Research Group
660 S College Avenue, College Avenue Commons (CAVC) Room 478
Arizona State University, Tempe, AZ 85287-3005
Ph: 1-480-727-4587; Email: ram.pendyala@asu.edu
[Google Scholar Profile](#)
Web: <http://tomnet-utc.org>; <http://mobilityanalytics.org>; <http://rampendyala.weebly.com>

From: Michael Kuby
Sent: Monday, April 22, 2019 4:33 PM
To: Ram Pendyala <Ram.Pendyala@asu.edu>
Subject: Transportation Systems certificate curriculum changes

Dear Ram,

Greetings, I am the Director of ASU's Graduate Certificate in Transportation Systems and a co-chair of KED's Transportation Campaign. We are getting ready to submit a curriculum change proposal for the certificate with the main goal of making it more transdisciplinary in name, in practice, and in enrollment. **I am writing to ask for a short email of support (to mikekuby@asu.edu) from other schools.** Proposals are due to the Curriculum Committee by April 30, so it

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would be ideal if you could reply with a statement of support (or let us know about any possible objections) as soon as possible.

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One goal is to get our SGSUP students, who comprise the vast majority of recent certificate graduates, to take more courses in other programs. Equally important is to attract more students from across campus to take advantage of the breadth of transportation courses across campus. Finally, we want to make the program more appealing to non-degree transportation professionals from public agencies, industry, and NGOs.

Along with these changes, we plan to do more marketing and revamp the certificate's blackboard site in Canvas. Over the summer, we will contact faculty in all of the schools involved to ask for an updated list of transportation-related courses, which we will organize into a matrix with different specialized tracks in the rows and participating ASU programs in the columns, which would look something like the following (for now I'm using the six themes from the new <https://transportation.asu.edu> website). This matrix should be a useful resource and advertisement for all of our transportation classes.

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Thanks, and wishing you a good end to the spring semester.

Mike

 Dr. Michael Kuby
 Professor, School of Geographical Sciences and Urban Planning
 Director, Graduate Interdisciplinary Certificate Program in Transportation Systems
 Arizona State University
 Tempe, AZ 85287-5302
 Office: COOR 5568
 Phone 480-965-6850, Fax 480-965-8313, Mobile 602-750-9907

SCIDSE – Letter of Support

From: Michael Kuby
Sent: Monday, April 29, 2019 6:00 PM
To: Sandeep Gupta
Cc: Rebecca Reining
Subject: RE: Transportation Systems certificate curriculum changes

Thank you very much, Sandeep, and have a great summer.

From: Sandeep Gupta
Sent: Monday, April 29, 2019 5:30 PM
To: Michael Kuby <mikekuby@asu.edu>
Cc: Sandeep Gupta <Sandeep.Gupta@asu.edu>
Subject: RE: Transportation Systems certificate curriculum changes

Dear Mike,

We are supportive of this proposal.

Thanks!
Best,
-sg

Sandeep Gupta, Professor, SCIDSE/ASU (<http://engineering.asu.edu/cidse>)
Director, School of Computing, Informatics, and Decision Systems Enng. (CIDSE)
Director, IMPACT Lab (<http://impact.asu.edu>)
sandeep.gupta@asu.edu
480-727-5317 (v)
480-965-2751 (f)

From: Michael Kuby
Sent: Tuesday, April 23, 2019 9:49 AM
To: Sandeep Gupta <Sandeep.Gupta@asu.edu>
Cc: Pitu Mirchandani <pmirchan@mainex1.asu.edu>
Subject: Transportation Systems certificate curriculum changes

Dear Sandeep,

Greetings, I am the Director of ASU's Graduate Certificate in Transportation Systems and a co-chair of KED's Transportation Campaign. We are getting ready to submit a curriculum change proposal for the certificate with the main goal of making it more transdisciplinary in name, in practice, and in enrollment. I am writing to ask for a short email of support (to mikekuby@asu.edu) from other schools. Proposals are due to the Curriculum Committee by April 30, so it would be ideal if you could reply with a statement of support (or let us know about any possible objections) as soon as possible.

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Thanks, and wishing you a good end to the spring semester.

Mike

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Phone 480-965-6850, Fax 480-965-8313, Mobile 602-750-9907
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