From: Kowalsky, Lisa
To: Reed, Katie

Cc: Bagent, Aaron; Miriti, Maria

Subject: Forwarding Informational Item: College and University Grad Teaching Certificate

Date: Friday, February 16, 2024 3:29:59 PM

Attachments: EHE - Proposal to revise the College and University Teaching Graduate Certificate Final.pdf

image001.png

Dear Katie,

Please find attached the following PDF file containing two Informational Items pertaining to the College and University Graduate Teaching Certificate from the College of Education and Human Ecology. Dean Mirit is in support of their elevation to CAA for review. Please let me know if any questions or concerns arise.

Best,

Lisa



Lisa Clouser (Kowalsky)

The Ohio State University

Graduate School 247E University Hall 230 N. Oval Mall, Columbus, OH 43210 614-292-2267 Office gradsch.osu.edu

Pronouns: she/her/hers



Office of Undergraduate Education

College of Education and Human Ecology

A100 PAES Building

305 Annie and John Glenn Ave

Columbus, OH 43210

Memo

February 13, 2024

To: W. Randy Smith, Vice Provost – Council on Academic Affairs

From: Aaron Bagent, Curriculum Specialist

RE: INFORMATIONAL ITEM: College and University Teaching Graduate Certificate, Department of Educational Studies

Please find materials for an informational item related to the College and University Teaching Graduate Certificate program. The program wishes to make the following changes:

- Move ENGREDU 6200 from an Elective Teaching Course option to a Disciplinary Teaching Course option.
- Add ENGREDU 7189.01 and 7189.02 as Required Mentored Teaching Experience options.
- Add ESEPSY 7406 and MUSIC 8879 as Elective Teaching Course options.

These changes were presented at the College of Education and Human Ecology Curriculum Committee meetings on October 19th, 2023 and December 14th, 2023.

Both informational items constitute a 0% change in the program.

If there are any questions, please contact me at bagent.14@osu.edu.



ODHE approval date*:

* If applicable

Curriculum Proposal Checklist

UNIVERSI	.11							
Title of Program	:							
Effective term:			Colle	ege:				
New/Establish:	w/Establish: Secondary Major Eligible: Academic Unit:							
Revise: 50	% Revision:	Mark Up:	Program Contact:					
Terminate:	Suspend:	Suspend: Certificate Category*:						
Degree/Credenti	al:							
Program of Stud	ly:		Tit	le:				
Program Focus*:	:							
Credit hours to degree/credential: Is this a change to the cu				e to the current	total?	Yes	N	
Program offered	only online?	Yes No	If yes, is	there a si	igned MOU wi	th ODEE?	Yes	N
Campus(es) where offered: Columbus ATI Lima Mansfield Marion				Newa	rk			
Student Curric	culum Sheet Req	uired:						
Four Year (or a	appropriate) Pla	n:						
Academic Unit	Curriculum Co	ommittee appro	oval date:	:				
College Curric	ulum Committe	e approval dat	e:					
Graduate Scho	ol Council appr	oval date*:						
Regional Camp	ous approval dat	e*:						
Council on Aca	ademic Affairs a	pproval date:						
University Sen	ate approval dat	e*:						
Board of Trust	ees approval dat	te*:						



College of Education and Human Ecology

Office of Faculty Affairs 150 Arps Hall 1945 N. High Street Columbus, OH 42310-1172 614-292-8862 Phone ehe.osu.edu

October 20, 2023

Dr. W. Randy Smith, PhD Vice Provost for Academic Programs 203 Bricker Hall 190 N. Oval Mall Columbus, OH 43210

Dear Vice Provost Smith,

I am writing on behalf of the College of Education and Human Ecology's (EHE) Office of Academic Affairs. EHE supports the recent curricular change that was approved by the EHE Curriculum Committee on October 19, 2023:

Revise the course offerings to the University Teaching Certificate offered in the
Department of Educational Studies. The revision includes a request for three courses to
be added to the certificate options (ENGREDU 7189.01 and 7189.02; ESEPDY 7406)
and moving an existing course (ENGREDU 6200) from the Electives category to the
Disciplinary Teaching category.

These changes will provide a more efficient path to completing the certificate for the engineering education students and add new course options for all students pursuing the certificate.

Sincerely yours,

Taska Snyden

Anastasia R. Snyder, PhD

Associate Dean for Faculty Affairs

College of Education and Human Ecology





301-A Ramseyer Hall 29 W Woodruff Ave. Columbus, OH 43210

October 11, 2023

Dr. Binaya Subedi Curriculum Committee Chair College of Education and Human Ecology

Dear Dr. Subedi:

I am writing in support of the proposed changes to the College and University Teaching Certificate in the Department of Educational Studies. As is noted by Dr. Yu in her request, "None of these requests change the substantive nature of the Certificate. Instead, they (a) provide a more streamlined path for students in the Department of Engineering Education to pursue the Certificate and (b) offer another course option for all students in the Electives category. These items were approved by the Educational Psychology and Quantitative Research, Evaluation, and Methods Section on April 25, 2023." The changes were also approved by the Educational Studies Graduate Studies Committee May 1, 2023.

The changes are to:

Move ENGREDU 6200: Learning theory, pedagogy, and assessment into the Disciplinary Teaching category to free up Engineering Education students to take 2 elective courses.

Approve ENGREDU;7189.01 and 7189.02 for the Mentored Teaching Experience category.

Add ESEPSY 7406 Social Basis of Behavior in Education to the Electives category.

There are no negative budgetary implications and no additional funds or human resources necessary for execution of this change. Thus, I am in support of the proposed changes outlined by Dr. Edward Fletcher.

If you have any questions or need additional information, do not hesitate to contact me.

Sincerely,

Ann Allen, Ph.D.

Jenn Allen

Interim Associate Chair, Department of Educational Studies Associate Professor, Educational Policy The Ohio State University 614-292-0289 Allen.952@osu.edu



Educational Psychology

165A Ramseyer Hall 29 W. Woodruff Avenue Columbus, OH 43210

614-688-3484 Phone

April 25, 2023

Dear Dr. Blount:

I am writing to you in my role as the Director of the Graduate Certificate in College and University Teaching (hereafter, the Certificate). Please find attached documents supporting a few requests to make curriculum changes in the Certificate. None of these requests change the substantive nature of the Certificate. Instead, they (a) provide a more streamlined path for students in the Department of Engineering Education to pursue the Certificate and (b) offer another course option for all students in the Electives category. These items were approved by the Educational Psychology and Quantitative Research, Evaluation, and Methods Section on April 25, 2023.

(a) Department of Engineering Education Courses in the Certificate

As outlined in the email from Dr. Ana Casado, Graduate Program Coordinator in the Department of Engineering Education, this is a two-part request.

1. ENGREDU 6200: Learning theory, pedagogy, and assessment.

The request is to move this course into the Disciplinary Teaching Course category instead of the Electives category where it is currently approved. The course is a better fit in the Disciplinary Teaching category. Moving it there will free up Engineering Education students to take 2 elective courses of their choice.

2. ENGREDU 7189.01 and ENGREDU 7189.02 Teaching practica.

The request is to approve these two courses for the Mentored Teaching Experience category. Currently, each student in their department pursuing the Certificate must create an individual mentoring plan and submit a syllabus along with the course approval form on an ad hoc basis. The placement of these courses in the Mentored Teaching Experience category will reduce the administrative burden on students, faculty, and the Certificate director.

(b) Addition of ESEPSY 7406 Social Basis of Behavior in Education to the Electives Category

The request is to add a relatively recently created course in Educational Psychology to the list of elective courses, ESEPSY 7406. The course description is as follows:

Focuses on the role of behavior in schools as social contexts, social perception, social influence, and social relations from a psychological perspective. The emphasis in this course is on understanding and mastery of conceptual, theoretical, and practical issues in social behavior in educational settings.

I created this course and have taught it for several years. Drs. L. Anderman and C. Wolters have also taught it.

If there is any more information that I can provide for you regarding these requests, please do not hesitate to contact me at <u>yu.1349@osu.edu</u> or (614) 688-3484. Thank you for your consideration.

Sincerely,

Shirley L. Yu, Ph.D.

Shirley L. Y

Associate Professor, Educational Psychology

Director, Graduate Certificate in College and University Teaching

Department of Educational Studies

From: <u>Casado, Ana</u>
To: <u>Yu, Shirley L.</u>

Subject: Engineering Education courses for teaching certificate

Saturday, April 15, 2023 10:47:30 PM

Attachments: EED Syllabus 6200 Pedagogy.docx
EED Course Approval Form 6200.pdf
EED Course Approval Form 7189.01.pdf

EED Course Approval Form 7189.02.pdf ENGREDU 7189.01 Practicum I Syllabus AU 2022c[96].pdf ENGREDU 7189.02 Practicum 2 Syllabus SP2022[17].pdf

Hi Shirley,

Date:

Please find attached the following items:

- Syllabus for ENGREDU 6200: Learning Theory, Pedagogy, and Assessment, which we would like
 to move from the list of electives to the disciplinary teaching course list.
- Course approval form for ENGREDU 6200
- Syllabi for our teaching practicum courses, ENGREDU 7189.01 and ENGREDU 7189.02, which
 we would like to request be on the mentored teaching experience list
- Course approval forms for both 7189.01 and 7189.02

Please let me know if there's anything else you need from me. Thanks!

Best,

Ana

Ana M. Casado, Ph.D.

she/her

Graduate Program Coordinator & Grants Coordinator

Department of Engineering Education College of Engineering The Ohio State University Smith Lab 3042G 174 W. 18th Ave., Columbus, OH 43210 (614) 688-3166 eed.osu.edu

Vice President, Organization of Latinx/Hispanic Employees (OLÉ)
University Staff Advisory Committee (USAC) (2021-2023)



College of Education and Human Ecology

Office of Faculty Affairs 150 Arps Hall 1945 N. High Street Columbus, OH 42310-1172 614-292-8862 Phone ehe.osu.edu

January 17, 2024

Dr. W. Randy Smith, PhD Vice Provost for Academic Programs 203 Bricker Hall 190 N. Oval Mall Columbus, OH 43210

Dear Vice Provost Smith,

I am writing on behalf of the College of Education and Human Ecology's (EHE) Office of Academic Affairs. EHE supports the recent curricular change that was approved by the EHE Curriculum Committee on December 14, 2023:

• Add *MUSIC* 8897 to the electives offered for the College and University Teaching Certificate.

The proposed change updates the curriculum and gives students more choices, especially students from the Department of Music who wish to get the College and University Teaching Certificate. This course addition requires no new resources to deliver the program.

Sincerely yours,

Jacka Snyden

Anastasia R. Snyder, PhD

Associate Dean for Faculty Affairs

College of Education and Human Ecology



301-A Ramseyer Hall 29 W Woodruff Ave. Columbus, OH 43210

Nov. 8, 2023

Dr. Binaya Subedi **Curriculum Committee Chair** College of Education and Human Ecology

Dear Dr. Subedi:

I am writing in support of the proposed changes to the College and University Teaching Certificate in the Department of Educational Studies. As is noted by Dr. Yu in her request, "This request does not change the substantive nature of the Certificate. Instead, it (a) provides a more streamlined path for students in the School of Music to pursue the Certificate. This item was approved by the Educational Psychology and Quantitative Research, Evaluation, and Methods Section on October 31, 2023, and it was approved by the Department of Educational Studies Graduate Studies Committee, Nov. 8, 2023.

The change is to:

Add MUSIC 8879 Music in Higher Education to the Electives category in the Certificate.

There are no negative budgetary implications and no additional funds or human resources necessary for execution of this change.

If you have any questions or need additional information, do not hesitate to contact me.

Sincerely,

Ann Allen, Ph.D.

Interim Associate Chair, Department of Educational Studies Associate Professor, Educational Policy

The Ohio State University

ann allen

614-292-0289 Allen.952@osu.edu



College of Education and Human Ecology Department of Educational Studies

Educational Psychology

165A Ramseyer Hall 29 W. Woodruff Avenue Columbus, OH 43210

614-688-3484 Phone

November 2, 2023

Dear Dr. Lin:

I am writing to you in my role as the Director of the Graduate Certificate in College and University Teaching (hereafter, the Certificate). Please find attached documents supporting a request to make a curriculum change in the Certificate. This request does not change the substantive nature of the Certificate. Instead, it (a) provides a more streamlined path for students in the School of Music to pursue the Certificate. This item was approved by the Educational Psychology and Quantitative Research, Evaluation, and Methods Section on October 31, 2023.

(a) Add School of Music Course to the Certificate Electives Category

As outlined in the emails from Dr. Michael Ibrahim (Director, School of Music) and Dr. Ana Gawboy, the request is as follows:

Add MUSIC 8879 Music in Higher Education to the Electives category in the Certificate.

The addition of this course will aid in recruitment of Music students to the Certificate and streamline their completion of it, as this course counts as a "supportive studies" course in their curriculum.

If there is any more information that I can provide for you regarding this request, please do not hesitate to contact me at <u>yu.1349@osu.edu</u> or (614) 688-3484. Thank you for your consideration.

Sincerely,

Shirley L. Yu, Ph.D.

Shirley L. Y

Associate Professor, Educational Psychology

Director, Graduate Certificate in College and University Teaching

Department of Educational Studies

From: Yu, Shirley
To: Yu, Shirley

Subject: Graduate Certification in College and University Teaching, possible course contribution

Date: Thursday, November 2, 2023 9:40:37 PM

From: Gawboy, Anna <gawboy.2@osu.edu> Sent: Thursday, October 26, 2023 1:39 PM

To: Department of Educational Studies Student Services < EdStudies@osu.edu>

Subject: Graduate Certificate in College and University Teaching

Hello! I'm a faculty member in the school of music. The Graduate Certificate in College and University Teaching has always been a popular degree enhancement for our students, and has actually helped us recruit students! We'd like to apply to add more classes offered by Music Education to either the "discipline-specific course" list or the list of Certificate electives. Is there anything special we should do beyond submitting a syllabus to this email?

Many thanks in advance for your help!
Anna

The Ohio State University



Dr. Anna Gawboy (she, her, hers)

Associate Professor of Music Theory Area Head, Musicology and Music Theory

School of Music

N480 Timashev Family Music Building, 1900 College Road, Columbus, OH 43210 gawboy.2@osu.edu

From: Ibrahim, Michael <ibrahim.359@osu.edu>

Sent: Friday, October 27, 2023 2:23 PM

To: Department of Educational Studies Student Services < EdStudies@osu.edu>

Cc: Gawboy, Anna <gawboy.2@osu.edu>

Subject: Graduate Certification in College and University Teaching, possible course contribution

Hello,

My name is Michael Ibrahim and I serve as the director of the School of Music. The Graduate Certification in College and University Teaching program development was recently brought to my attention. I am attaching a course I have taught this past Spring and am slated to teach next in Autumn 2024 for your consideration for the certification program. I would be happy to answer any questions you may have. Best regards,

Michael

Michael Ibrahim

Director School of Music

The Ohio State University

College of Arts and Sciences

Timashev Family Music Building / Weigel Hall 1866 College Rd N, Columbus, OH 43210 646-285-6430 Mobile ibrahim.359@osu.edu / music.osu.edu

Pronouns: he/him/his / Honorific: Dr.

At times I send emails outside of 8 a.m. - 5 p.m. business hours or on weekends. Please do not feel obligated to respond outside of normal working hours.

From: Gawboy, Anna <gawboy.2@osu.edu> Sent: Tuesday, October 31, 2023 11:22 AM

To: Yu, Shirley <<u>yu.1349@osu.edu</u>>; Ibrahim, Michael <<u>ibrahim.359@osu.edu</u>>

Subject: Re: Graduate Certification in College and University Teaching, possible course contribution

Hi Shirley,

Thank you so much for the quick response to Michael's syllabus submission, and I'm glad things are moving along. If Michael's course could be approved as an elective as you suggest, it would make the entire certificate easier to achieve for our Master's students, because his course would count towards both "supportive studies" for the degree as well as the certificate.

Yes, we have been using Independent Study numbers for the Mentored Teaching experience, but could easily propose a new course based on the syllabus we use. I assume the first step is to get the course approved under its own number by the unit and the college, then submit it to EHE?

Yes, MUSIC 7810 and MUSIC 8820 are the two courses that should be listed as discipline-specific courses. I have reached out to our Music Education faculty to see if there is another music specific course that could be a good fit for the disciplinary teaching category.

Many thanks, Anna The Ohio State University



Dr. Anna Gawboy (she, her, hers)

Associate Professor of Music Theory Area Head, Musicology and Music Theory School of Music

N480 Timashev Family Music Building, 1900 College Road, Columbus, OH 43210 gawboy.2@osu.edu

Link for zoom meetings:

https://osu.zoom.us/j/3581547024?pwd=V2FoZk1TT1dLcFMySzJSQ1d2VVFIQT09

Meeting ID: 358 154 7024

Password: 380012



College and University Teaching

Graduate Certificate

Approved Courses

The following list provides currently approved courses for inclusion in the certificate. You may ask faculty to propose courses to the steering committee for review and inclusion in the list of those that meet these requirements. To do so, faculty must submit a syllabus and Course Approval Form to Shirley Yu.

You may also request one-time approval for specific courses in their own program, without the instructor needing to propose the course for ongoing inclusion.

Curriculum

Required Core Teaching Course (3 hours)

ESEPSY 7404 College Teaching (3)

Typically offered each Autumn and Spring semester. We recommend taking this course early/midway in your pursuit of the certificate.

Required Discipline-based Teaching Courses in Home Department or Independent Study (2-4 hours)

These courses vary according to the needs and interests of the offering departments, but must be rigorous, academic examinations of teaching in the field. Classes designed only as practica for GTAs are not sufficient. They must include a broader look at teaching, course and curriculum design, and/or the "pedagogical content knowledge" needed by university faculty in that discipline or interdisciplinary area. When no specific course is available to meet the requirement of a disciplinary teaching course, students may be allowed to enroll in independent studies within their discipline (see guidelines for an independent study).

Mentored Teaching Experience (2 hours)

These experiences will vary according to the needs and interests of the faculty mentor, but must be rigorous, multi-faceted reviews and discussion of the student's own teaching. This may occur within the context of a GTA assignment or with the student assisting in teaching the faculty mentor's classes. A syllabus or contract describing, at least, the minimum expected interactions should be drafted at the start of the experience, so mutual expectations are clear. Examples of syllabi may help provide some guidance in creating this course. See the guidelines for a mentored experience for additional assistance. If a mentored teaching experience course already exists, faculty need only submit a Course Approval Form and upon approval, the course will be included on the list of those which meet this requirement. If none exists, faculty may create this course and submit the Course Approval Form for review.

Minimum hours: 13

For More Information:
Dr. Shirley Yu
Director, Certificate of
College and University
Teaching
Associate Professor,
Dept. Educational Studies
614-688-3484
yu.1349@osu.edu

Elective Courses (min. 6 credit hours in at least two courses)

Elective courses can be taken from those offered in the Graduate School and other units. A second discipline-based course in an appropriate discipline may serve as an elective, if the unit offers more than one class or chooses to open its courses to non-majors.

Use the Ohio State course catalog search to see when courses are offered.

Any student currently in college and university teaching as a graduate interdisciplinary specialization should contact Shirley Yu for individual advising on credits/courses and rules.

Approved Courses

Disciplinary Teaching Courses

AEE 8310 Theory of Learning and Cognition
ANATOMY 7900 Clinically Oriented Anatomy
ANTHROP 7720 Teaching in Anthropology

ARTEDUC 7300 Introduction to Teaching Arts Education at the College Level

BIOLOGY 6001 Biology College Teaching
DANCE 6802 Foundations in Dance Pedagogy

DESIGN 6400 Graduate Design Studio

EDUTL 7725 The Nature of Science and Implications for Science Teaching

FABE/ENGREDU 7220 College Teaching in Engineering

ESSPED 8919 Behavior Approaches to College Teaching ESWDE 7727 Assuring Quality in Online Course Design

HTHRHSC 7250 Teaching and Curriculum in Health and Rehabilitation Sciences
KNPE 7863 Teaching Health & Fitness Courses at the College Level Pedagogy

MUSIC 7810 History and Practice of Voice Pedagogy

MUSIC 8820 Music Theory Pedagogy

PUBAFRS 8890.04 College Teaching in Public Affairs

SLAV 7801 College Teaching of Slavic and East European Languages

WGSST 7702 Feminist Pedagogy

Required Mentored Teaching Experience

DANCE 7500 Directive Teaching

ANATOMY 7289 Practicum: Developing Educational Components

ANATOMY 8289 Anatomy Teaching Practicum

Elective Teaching Courses

ARTEDUC 7300 Introduction to Teaching Arts Education at the College Level BIOLOGY 5001.01/.02 Topics in College Biology, 1 credit (repeatable 4 times)

ENGREDU 6200 Learning Theory, Pedagogy, and Assessment

EDUTL 7744 Problem Solving in STEM

EDUTL 7749 Concept Inventories in STEM Education

EDUTL 8731 Teaching and Teacher Education in STEAM Education

EDUCST 7406	Course Design for Higher Education
ESEPSY 7402	Educational Psychology: Cognition, Learning and Instruction
ESEPSY 7403	Motivation in Learning and Teaching
ESEPSY 7434	Graduate Teaching Fellows Seminar
ESHESA 7540	Higher Education Administration and Core Academic Issues
ESHESA 7562	The Community College
ESHESA 7570	Internationalizing Colleges and Universities
ESHESA 7574	Curriculum in Higher Education
ESHESA 8552	Impact of College on Students
ESHESA 8560	Legal Aspects of Higher Education Administration
ESCE 5271	Wellness: Achieving a Healthy Lifestyle
ESPHE 7413	Professional Education
ESPHE 7572	History of Colleges and Universities
ESPHE 8410	Ethics and Education: Equality, Freedom and Justice in Schools

College Teaching in Public Affairs

PUBAFRS 8890.04

Note: Students exact curriculum may vary depending upon program of study determined by student and advisor, and approved by the Graduate Studies Committee.



College and University Teaching

Graduate Certificate

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These courses vary according to the needs and interests of the offering departments, but must be rigorous, academic examinations of teaching in the field. Classes designed only as practica for GTAs are not sufficient. They must include a broader look at teaching, course and curriculum design, and/or the "pedagogical content knowledge" needed by university faculty in that discipline or interdisciplinary area. When no specific course is available to meet the requirement of a disciplinary teaching course, students may be allowed to enroll in independent studies within their discipline (see guidelines for an independent study).

Mentored Teaching Experience (2 hours)

These experiences will vary according to the needs and interests of the faculty mentor, but must be rigorous, multi-faceted reviews and discussion of the student's own teaching. This may occur within the context of a GTA assignment or with the student assisting in teaching the faculty mentor's classes. A syllabus or contract describing, at least, the minimum expected interactions should be drafted at the start of the experience, so mutual expectations are clear. Examples of syllabi may help provide some guidance in creating this course. See the guidelines for a mentored experience for additional assistance. If a mentored teaching experience course already exists, faculty need only submit a Course Approval Form and upon approval, the course will be included on the list of those which meet this requirement. If none exists, faculty may create this course and submit the Course Approval Form for review.

Minimum hours: 13

For More Information:
Dr. Shirley Yu
Director, Certificate of
College and University
Teaching
Associate Professor,
Dept. Educational Studies
614-688-3484
yu.1349@osu.edu

Elective Courses (min. 6 credit hours in at least two courses)

Elective courses can be taken from those offered in the Graduate School and other units. A second discipline-based course in an appropriate discipline may serve as an elective, if the unit offers more than one class or chooses to open its courses to non-majors.

Use the Ohio State course catalog search to see when courses are offered.

Any student currently in college and university teaching as a graduate interdisciplinary specialization should contact Shirley Yu for individual advising on credits/courses and rules.

Approved Courses

Disciplinary Teaching Courses

AEE 8310 Theory of Learning and Cognition
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BIOLOGY 6001 Biology College Teaching
DANCE 6802 Foundations in Dance Pedagogy

DESIGN 6400 Graduate Design Studio

ENGREDU 6200 Learning Theory, Pedagogy, and Assessment in Engineering Education

EDUTL 7725 The Nature of Science and Implications for Science Teaching

FABE/ENGREDU 7220 College Teaching in Engineering

ESSPED 8919 Behavior Approaches to College Teaching ESWDE 7727 Assuring Quality in Online Course Design

HTHRHSC 7250 Teaching and Curriculum in Health and Rehabilitation Sciences
KNPE 7863 Teaching Health & Fitness Courses at the College Level Pedagogy

MUSIC 7810 History and Practice of Voice Pedagogy

MUSIC 8820 Music Theory Pedagogy

PUBAFRS 8890.04 College Teaching in Public Affairs

SLAV 7801 College Teaching of Slavic and East European Languages

WGSST 7702 Feminist Pedagogy

Required Mentored Teaching Experience

DANCE 7500 Directive Teaching

ANATOMY 7289 Practicum: Developing Educational Components

ANATOMY 8289 Anatomy Teaching Practicum

ENGREDU 7189.01 Teaching Preparation and Support

ENGREDU 7189.02 Professional Development in College Teaching

Elective Teaching Courses

ARTEDUC 7300 Introduction to Teaching Arts Education at the College Level BIOLOGY 5001.01/.02 Topics in College Biology, 1 credit (repeatable 4 times)

ENGREDU 6200 Learning Theory, Pedagogy and Assessment

EDUTL 7744 Problem Solving in STEM

EDUTL 7749 Concept Inventories in STEM Education

EDUTL 8731 Teaching and Teacher Education in STEAM Education

EDUCST 7406	Course Design for Higher Education
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ESEPSY 7403	Motivation in Learning and Teaching
ESEPSY 7406	Social Basis of Behavior in Education
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ESHESA 8560	Legal Aspects of Higher Education Administration
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ESPHE 7413	Professional Education
ESPHE 7572	History of Colleges and Universities
ESPHE 8410	Ethics and Education: Equality, Freedom and Justice in Schools
MUSIC 8879	Music in Higher Education
PUBAFRS 8890.04	College Teaching in Public Affairs

Note: Students exact curriculum may vary depending upon program of study determined by student and advisor, and approved by the Graduate Studies Committee.