

**Change Graduate Major  
Education - EdD, MS, EdM, PhD**

Status: Pending Review - Graduate Committee - Education ([Previous Version](#))

**1. Review - College Approver - Education**

**Approved** by [Randy Bell](#) Assoc Dean-Academic Affairs / College of Education, *March 11, 2016 9:27am*

**Comments**

*Randy Bell (College Approver - Education) March 11, 2016 9:27am*

I approve with Flick's proposal regarding more inclusive language for the catalog description.

**2. Review - Curriculum Coordinator**

**Approved** by [Cheryl Hagey](#) Administrative Program Assist / Acad Prgms/Assess/Accred, *March 25, 2016 12:11pm*

**Comments**

*Cheryl Hagey (Curriculum Coordinator) March 25, 2016 12:11pm*

This Change Major provides only one portion of the entire Major.

It has been requested by the Registrar's Office to combine Proposal 97465 and 97431. The Description and Requirements Block of a Change proposal should portray exactly what is wanted in the Online Catalog. The system does not see the changes as being Part I, Part II, and Part III. The entire program should appear in the CPS Description and Requirements Block in its entirety.

Please contact Academic Programs for assistance.

**3. Review - Graduate Committee - Education**

**Sent Back** by [Cheryl Hagey](#) Administrative Program Assist / Acad Prgms/Assess/Accred, *March 25, 2016 12:16pm*

**Comments**

*Cheryl Hagey (Graduate Committee - Education) March 25, 2016 12:16pm*

This should go back to Originator. Sent forward by mistake. Cheryl

**4. Originator Response**

[Cheryl Hagey](#) Administrative Program Assist / Acad Prgms/Assess/Accred, *March 25, 2016 1:07pm*

**Comments**

*Cheryl Hagey March 25, 2016 1:07pm*

Corrections have been made by the Originator.

All Components per Faculty Senate Curriculum Council are met.

Cheryl

**5. Review - Graduate Committee - Education**

*Pending Review*

**More Queued Reviews (4)**

CC Rep - Education; Curriculum Council Chair; Academic Programs; Catalog Coordinator

**Proposal**

Proposal ID: 97431

Type: Change Major/Option/Minor/Certificate

Submission Date: March 25, 2016 1:07pm

Effective Term: Summer 2016

Justification: The Education Major (2310) is being updated to reflect the changes based on the College of Education reorganization. This proposal is a complete program description for all degree types offered: EdM, MS, PhD. Each degree has a distinct description and requirements in conjunction with new options to be added.

Comments: Note: This proposal makes slight changes to the EdM description that were made with proposal #97119.

## History

**Active Version - Submitted March 25, 2016 1:07pm**

[Version 1](#) - Submitted March 11, 2016 9:22am

## Originators

NAME	TITLE	DEPARTMENT/SCHOOL
<a href="#">Susan Helback</a>	Instructor	Teacher/Counselor Educatn

## Contacts

NAME	TITLE	DEPARTMENT/SCHOOL
<a href="#">Jennifer Bachman</a>	Coordinator-Academic Program 2	College of Education
<a href="#">Kok-Mun Ng</a>	Professor	College of Education

## Liaisons

LIAISON	STATUS	REQUIRED
Randy Bell - Assoc Dean-Academic Affairs / College of Education This is an important part of our reorganization. (Responded on Mar 9, 2016)	Responded	Yes
Dan Croom - Department Head / College of Ag Admin I support this proposal and appreciate the work of the College of Education in making it happen. Thank you. (Responded on Mar 9, 2016)	Responded	Yes
Paula Dungjen - Exec Asst to the Dean / College of Education I approve the proposal to change the PhD in Education options, subject to the approval of the College's deans. (Responded on Mar 9, 2016)	Responded	Yes
Lawrence Flick - Dean / College of Education I approve with the following change:  Remove: This is a research-oriented degree intended for doctoral candidates interested in becoming educational researchers and assume faculty positions in colleges or university teacher education programs.  Add: This is a research-oriented degree intended for doctoral candidates interested in becoming educational researchers and assume positions in a variety of settings, including colleges and universities, non-profit organizations, and government agencies. (Responded on Mar 11, 2016)	Responded	Yes

## Program Information

Program Title:	Education - EdD, MS, EdM, PhD <b>UPDATED</b>
College/Department or College/School:	College of Education / No Department
Program Type:	Graduate Major
Original Program:	<a href="#">Education - EDD, EDM, MS, PhD</a>
Description:	<b>UPDATED</b>

The College of Education offers graduate work leading to the Master of Education (EdM), Master of Science in Education (MS), Doctor of Education (EdD), and Doctor of Philosophy (PhD) degrees with a major in education.

Requirements: **UPDATED**

## Master of Education Degree ([Ecampus](#))

The Master of Education (EdM) degree advances the knowledge and teaching of PK–12 teachers and other educators who are interested in continued professional development in the field of education in order to create inclusive, supportive learning environments that contribute to student learning and growth. Candidates take courses in educational research, technology, cultural competency, and leadership. They also further their pedagogical content knowledge and instruction in a specific area/option.

The Master of Education degree requires completion of one graduate option for a total of 45 quarter credits. All options require completion of 18 credits of core courses, 12-15 credits of content specialty courses, and 12-15 credits of elective courses from the other EdM options or OSU Colleges. Up to 15 graduate credits may be transferred if they meet OSU Graduate School requirements.

**Note:** Completion of this degree does not lead to initial (preliminary) teaching licensure; it is an advanced degree for continued professional development in targeted areas.

There are three EdM options, all online and approved by the [Oregon Teacher Standards and Practices Commission](#) (TSPC) and nationally accredited by NCATE.

Advanced Science and Mathematics Education (Pending Approval)  
PK-12 English to Speakers of Other Languages (ESOL) (Pending Approval)  
Social Justice in Education (Pending Approval)

Applicants to the EdM program must possess teaching experience in a K-12 classroom or in an education-related setting. Because this major is practitioner-based, it requires access to a classroom or informal learning environment to apply educational research, theory, and pedagogical practices, and for completion of a final project.

**All courses are offered online through Ecampus** to meet the needs of working professionals.

#### **EdM Core Courses (18 credits)**

ED 506. Projects (3)  
ED 522. Racial and Cultural Harmony in the K–12 Classroom (3)  
ED 542. Teacher Leadership (3)  
or LEAD 542. Leadership Skills for Career Success (3)  
ED 561. Action Research (3)  
ED 562. Introduction to Educational Research (3)  
ED 596. Technology for Educators (3)  
or SED 520. Technology for Math and Science Education (3)

#### **Content Specialty Courses (12-15 credits)**

#### **Electives (12-15 credits)**

**Total Credits = 45**

### **Master of Science Degree**

The Master of Science (MS) in Education prepares candidates to be secondary science and mathematics teachers who are skilled professionals drawing upon current educational research to create innovative and inclusive science and math learning environments. Candidates work within a cohort of peers in science and mathematics education and are taught by faculty who specialize in and conduct educational research in science, mathematics, and equity.

The program is comprised of a coherent set of courses that emphasize research-based instruction, educational equity, innovation, and community-partnerships. Candidates work with community partners in public school settings during every term. As part of the program, candidates complete a master's project that integrates research, theory, and practice.

The program consists of 55 graduate-level credits including 18 credits of core courses, 20 credits of practicum and internships, and 17 credits in a content specialty: Science Education or Mathematics Education. Both options are offered on-campus at OSU in Corvallis.

Upon completion of the program, candidates will have:

- A Master of Science degree in one option: Science Education (*pending approval 97468*) or Mathematics Education (*pending approval 97466*);
- An Oregon preliminary teaching license; and
- One or more endorsements in Advanced Mathematics, Biology, Chemistry, Integrated Science or Physics.
- It is also possible to earn an ESOL endorsement which includes additional courses and field experiences beyond the required number of credits.

#### **Admission Requirements**

- 60 hours of reflective classroom experience\* (e.g. ED 309, ED 409)
- A course in technology for teaching mathematics or science\* (e.g. SED 412/512)
- A course that addresses the connection between the discipline and the current standards in science and mathematics education\* (e.g. SED 413/513 or SED 414/514)
- A course in adolescent psychology\* (e.g. ED 412, ED 512, HDF5 313, HDF5 229 at LBCC)
- Passing scores on required state licensure tests

\*These courses may be waived if the candidate has completed similar courses at OSU or other institutions.

#### **MS Core Courses (18 credits)**

ED 520. Classroom Management and Discipline K-12 (3)  
ED 572. Foundations of ESOL Education (3)  
ED 599. Special Topics [Funds of Knowledge] (3)  
SED 506. Projects [Science-Math Ed Research] (3)

SED 511. Analysis of Classrooms I (3)  
SED 550. High Quality Science and Mathematics Instruction (3) (Pending Approval)

#### **Internship & Practicum (20 credits)**

SED 509. Practicum (5)  
SED 510. Professional Internship: Science or Mathematics Education (15)

#### **Content Specialty (17 credits)**

**Total Credits = 55**

### **Doctor of Philosophy Degree**

The Doctor of Philosophy (PhD) in Education provides advanced theory and methods in educational research and in specific content areas. This is a research-oriented degree intended for doctoral candidates interested in becoming educational researchers and assume professional positions in a variety of settings, including colleges and universities, non-profit organizations, and government agencies. This degree aims to prepare professional researchers, scholars, or other scholar practitioners. Candidates develop competencies in educational scholarship and research that focus on acquiring new knowledge.

The Education PhD degree requires at least 108 credits, including a core curriculum (48 credits) in quantitative and qualitative research, practicum, and dissertation/thesis, and 13-18 credits in a specialty area. Additional research methods and elective courses are approved by the major professor.

Candidates select from three PhD options: Agricultural Education (*pending approval 97388*), Language Equity and Educational Policy (*pending approval 97394*), and Science/Mathematics Education (*pending approval 97391*). All options are offered on-campus at OSU in Corvallis.

This program is designed for candidates already possessing education beyond the undergraduate level (master's degree or equivalent). Applicants to the PhD program must have significant experience in an education-related setting such as teaching, leadership administration, curriculum specialist, supervisor, or in a setting where the primary function is education. Some knowledge of educational research methodology is highly desirable.

#### **PhD Core Courses (48 credits)**

SED 580. Research and Evaluation (3)  
SED 603. Dissertation (36)

or AED 603. Dissertation (36)  
or ED 603. Thesis (36)

SED 612. Quantitative Research Design and Critical Analysis (3)  
SED 615. Practicum in Mathematics/Science in College Teaching (3)  
or ED 609. Practicum/Clinical Experience (3)  
SED 622. Qualitative Research Techniques (3)

#### **Content Specialty Courses (13-18 credits)**

##### **Electives**

**Total Credits = 108**

### **Documents**

FILE NAME	FILE SIZE	COMMENT	DATE ADDED
<a href="#">Proposal 97119 and 97431 Education EDD, EDM, MS, Phd.docx</a>	31.96 Kb	Ecampus Liaison Comments attached. Cheryl	Mar 25, 2016 12:16 pm
<a href="#">Proposal 97431 Proposal 97465 Education Major.docx</a>	160.64 Kb	Approval from proposals 97341 and 97465	Mar 25, 2016 12:24 pm

**From:** Bradoch, Alfonso  
**Sent:** Monday, March 21, 2016 12:44 PM  
**To:** Hagey, Cheryl <Cheryl.Hagey@oregonstate.edu>; Riggs, Shannon <Shannon.Riggs@oregonstate.edu>  
**Cc:** Helback, Susan <Sue.Helback@oregonstate.edu>  
**Subject:** RE: Proposal 97119 - Education - EDD, EDM, MS, PhD

Hi Cheryl,

I've reviewed both proposals and have no objections.

Best,  
Alfonso

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Alfonso Bradoch | Director of Department & Learner Services | Ecampus | Oregon State University  
[alfonso.bradoch@oregonstate.edu](mailto:alfonso.bradoch@oregonstate.edu) | 541.737.9116 | <http://ecampus.oregonstate.edu>

**From:** Hagey, Cheryl  
**Sent:** Monday, March 21, 2016 11:02 AM  
**To:** Bradoch, Alfonso; Riggs, Shannon  
**Cc:** Helback, Susan  
**Subject:** RE: Proposal 97119 - Education - EDD, EDM, MS, PhD

Hi Alfonso and Shannon,

I have sent a note over requesting a review of [Proposal 97119](#) because Ecampus Liaisons were missed. Would you kindly review this program on behalf of Ecampus and provide comments?

Also there is another proposal with the same Title Education EDD EDM, MS, PhD which will also need comments from Ecampus. Would you kindly look over [Proposal 97431](#) and provide your Liaison Comments to this proposal as well?

Thank you for your time,  
Cheryl

*Cheryl Hagey*

*Curriculum Coordinator*

*7-9560*

The Office of Academic Programs, Assessment, and Accreditation is dedicated to the structure and quality of curricular programs at Oregon State University. Our mission is to serve faculty, students, staff, and administrators, to facilitate proposals, and to provide information and guidance on all matters related to the academic programs and curriculum of Oregon State University.

**From:** Hagey, Cheryl

**Sent:** Wednesday, March 02, 2016 10:01 AM

**To:** Bradoch, Alfonso <[Alfonso.Bradoch@oregonstate.edu](mailto:Alfonso.Bradoch@oregonstate.edu)>; Riggs, Shannon <[Shannon.Riggs@oregonstate.edu](mailto:Shannon.Riggs@oregonstate.edu)>

**Cc:** Helback, Susan <[Sue.Helback@oregonstate.edu](mailto:Sue.Helback@oregonstate.edu)>

**Subject:** Proposal 97119 - Education - EDD, EDM, MS, PhD

Hi Alfonso and Shannon,

[Proposal 97119](#) has reached its final review with Academic Programs and it has been discovered this proposal should have had Ecampus as part of the Liaison process. Would you kindly review this proposal so it may move forward?

As always, please respond to this email and I will add the email as a document to the proposal.

Thank you for your time,  
Cheryl

Cheryl Hagey  
Curriculum Coordinator  
Office of Academic Programs,  
Assessment, and Accreditation  
**Waldo Hall, Room 309**  
Oregon State University  
Corvallis, OR 97331  
541-737-9560



*"My great hope is to laugh as much as I cry; to get my work done and try to love somebody and have the courage to accept the love in return." ~ Maya Angelou, 1928-2014.*