

# Cover Sheet: Request 14764

## UF Teach Mathematics minor

### Info

Process	Minor Modify/Ugrad
Status	Pending at PV - University Curriculum Committee (UCC)
Submitter	Nancy Waldron waldron@coe.ufl.edu
Created	2/21/2020 12:00:27 AM
Updated	2/24/2020 8:40:26 AM
Description of request	Change a required course.

### Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	COE - School of Teaching and Learning 011805000	Ester De Jong		2/21/2020
No document changes					
College	Approved	COE - College of Education	Nancy Waldron		2/21/2020
UFTeach Mathematics minor.docx					
Associate Provost for Undergraduate Affairs	Approved	PV - APUG Review	Casey Griffith		2/24/2020
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			2/24/2020
No document changes					
Office of the Registrar					
No document changes					
Student Academic Support System					
No document changes					
Catalog					
No document changes					
College Notified					
No document changes					

## Minor|Modify for request 14764

### Info

**Request:** UF Teach Mathematics minor

**Description of request:** Change a required course.

**Submitter:** Nancy Waldron waldron@coe.ufl.edu

**Created:** 2/20/2020 11:52:02 PM

**Form version:** 1

### Responses

**Name** UF Teach Mathematics

**Code** UTM

**Effective Term** Earliest Available

**Effective Year** Earliest Available

**Proposed Changes** Delete one required course: RED3312 - Content Area Literacy (3 credits)

Add one required course: TSL3323 - Reading & ESOL for Teachers (3 credits)

**Pedagogical Rationale/Justification** The UF Teach Mathematics minor is an alternative certification program that prepares students for temporary teacher certification in Florida. In response to changes in Florida DOE certification requirements the current reading course (RED3312) is being changed to a more recently developed course that addresses reading and ESOL competencies (TSL3323).

**Impact on Other Programs** No impact on other programs or gen ed requirements.

**Catalog Copy** Yes

The [UFTeach](#) minor in mathematics or science is appropriate for students who wish to teach mathematics or science at the middle school and high school levels in Florida. This is an alternative certification program, specifically a Professional Training Option (PTO), meant to prepare math and science students for temporary teacher certification in Florida. Professional teacher certification is attainable after one year of successful teaching in a Florida public school.

*For students majoring in STEM disciplines*

#### **UNDERGRADUATE CATALOG**

- [Disabilities in Society Minor](#)
- [Education Sciences](#)
- [Education Sciences UF Online](#)
- [Education | Unified Early Childhood Education Pro-Teach | Pre-K-Grade 3](#)
- [Education | Unified Elementary/Special Education ProTeach | Grades K-6](#)
- [Educational Studies Minor](#)
- [Florida Teaching Minor](#)
- [UFTeach | Mathematics or Science Minor](#)

**College:** [Education](#)

#### **Credits:**

Mathematics | 22, completed with minimum grades of C

Science | 22, completed with minimum grades of C

#### **Contact**

### **School Information**

### **Related Programs**



[Science](#)

## **UFTEACH | MATHEMATICS**

The minor requires completion of coursework in the professional preparation areas of human development, learning, assessment, classroom management, instructional strategies, reading competency, curriculum and special methods. Students will have extensive opportunities to integrate their teacher education coursework with practice in formal and informal K-12 environments focusing on learning mathematics. This program includes field experiences in local schools. A level 2 background check (fingerprinting) by the School Board of Alachua County will be required before placement.

The minor is open to undergraduates with majors in mathematics, quantitative science or related fields. Admission to this minor requires a UF GPA of 2.5 or better. Students must apply for acceptance to the minor within the college of their major and the College of Education after 45 but before 100 credits are earned.

#### **More Info**

Those pursuing the minor are encouraged to complete the Florida Teacher Certification Examination (FTCE) General Knowledge Test (recommended in the junior year), the FTCE Subject Area Exam (recommended early in the senior year) and the FTCE Professional Education Test (recommended mid-senior year).

#### **More Info**

*FTCE tests are not required for award of the minor, but they are required for certification.*

### **Required Courses**

Multiple pathways exist for completion of the minor and should be discussed with the UFTeach advisor. The table below represents a recommended pathway.

<a href="#"><u>MAL 2307</u></a>	Explorations Teaching Secondary Math ( Spring )
<a href="#"><u>SMT 3100</u></a>	Knowing and Learning in Mathematics
<a href="#"><u>T</u></a> SL 3323	ESOL and Reading for Teachers ( Fall )
	<b>Credits</b>
<a href="#"><u>SMT 3301C</u></a>	Classroom Interactions in Mathematics
<a href="#"><u>SMT 3664</u></a>	Project-Based Instruction in Math and Science
	<b>Credits</b>
Select one or more course:	
<a href="#"><u>MAT 3503</u></a>	Functions and Modeling ( Fall )
Special topics Course in college of Education (3000 or 4000 level / Term varies)	
Research methods course or undergraduate research in department of major or College of Education (3000 or 4000 level)	
	<b>Credits</b>
<a href="#"><u>SMT 4945</u></a>	Apprenticeship in Secondary Mathematics ( Spring )
	<b>Credits</b>
	<b>Total Credits</b>
Plan of Study Grid	

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Educational Technology, Educational Policy, Informal Education, Special Education, Educational Psychology, Assessment, etc.