

Mathematics Education (Grades 5-9)

DEPARTMENT of SECONDARY EDUCATION

Bachelor of Science

New Program
Begins
Fall 2013

Overview

This program is part of the Helios STEM Middle School Teacher Residency Program in the Department of Secondary Education. Collaboratively developed with Hillsborough County Public Schools (HCPS), this program is designed to prepare effective teachers of middle grades mathematics who are able to meet the needs of a diverse student population. This program includes extensive field experiences, including a yearlong residency using a *co-teach* model with a HCPS teacher. Program graduates will be eligible for certification in Middle Grades Mathematics 5-9.

Teacher Residency Program - Cohort

This is a joint program with the department of Mathematics and Statistics. The course work is offered over a two-year period. The summer session between the junior and senior year is mandatory. Students enter the program during the fall semester only and progress through the program in a cohort, which means that courses are offered in a set sequence with the same classmates each semester.

Program Highlights:

- The content courses (Number Concepts Connections, Algebra Connections, Geometry Connections, and Statistics and Probability Connections) will provide “advanced experiences” with elementary topics that teachers are responsible for teaching and beyond as opposed to “elementary experiences” with advanced topics.
- The two pedagogy courses provide opportunities to examine issues related to curriculum, instruction, and assessment.
- Taken in conjunction with students in the Science 5-9 program, the Middle Level Education and Education core courses prepare teachers with the specialized knowledge, skills, and disposition to teach early adolescent students effectively.
- A STEM (Science, Technology, Engineering, & Mathematics) Issues course will be taken along with students in the Science 5-9 program to provide opportunities for students to consider STEM issues, engage in problem-based learning in which they use engineering design cycle as a means to solve problems, analyze the use of engineering design cycle as teachers, and consider how to support students in engaging in such activities.
- There is an emphasis on subject matter literacy and technology rich environments throughout the program.

ADMISSION REQUIREMENT

- Admitted to USF
- 2.5 or higher GPA
- Completed pre-requisite coursework
- Successful completion of a Skills Test

Additional Requirements for this Program:

- A two-page letter of interest that elaborates on candidates experience working with children or adolescents, views about teaching, and interest in or experience with working with diverse populations.
- Letter of recommendation.
- Interview (as needed)
- Prior to full admission, a signed contract indicating that candidate understands that the cohort model requires full-time attendance for five semesters (including summer) defined as between 8 – 4:30.

NOTE: Enrollment for fall 2013 and fall 2014 is limited to 20 students only. The best candidates will be selected for this program.

Applications can be found on the Pre-Admitted website:

<http://www.coedu.usf.edu/main/usf/sas/ProspectiveUndergraduateAdvising.htm>

Application Timeframes

Fall Admission Only: May 1 – July 1

Contact information

Advising and Admissions Information

Student Academic Services
College of Education, EDU 106
Aaron Holland
813-974-4567

For more information or to schedule an advising appointment of for an application, please visit
<http://www.coedu.usf.edu/main/sas/ProspectiveUndergraduateAdvising.htm>

Department Information

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College of Education,
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*State Legislation has been approved that can impact the cost of your education! Read about the Excess Hours Surcharge:

<http://www.ugs.usf.edu/catalogs/112/pdf/ExcessHoursSurch>