

**ATTACHMENT 2A-1
LETTER OF NOTIFICATION – 3**

NEW OPTION, CONCENTRATION, EMPHASIS

1. Institution submitting request:

University of Arkansas, Fayetteville

2. Contact person/title:

Dr. Sharon Gaber, Provost

3. Phone number/email address:

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4. Proposed effective date:

Fall semester, 2014

5. Title of existing degree program:

Students enrolled in the BA/BS programs in Chemistry, Biology, Physics, and Math are eligible to claim UATEACH as a minor (eg, this proposed minor).

6. CIP Code:

13.1205

7. Degree Code:

CIED

8. Proposed name of new minor:

UAteach

9. Reason for proposed action:

All existing coursework and experiences are currently offered. By creating a minor, students will have a recognition on their transcript that they completed a teacher licensure program, and, the declaration of minor will allow for more efficient sorting of students pursuing the teaching credential.

10. Provide the following

- a. Curriculum outline – list of courses underline required courses:

STEM 2103 Knowing and Learning
STEM 2203 Classroom Interactions
STEM 3303 Project Based Instruction
STEM 4409 Supervised Teaching (Teaching Internship)

In addition to these courses, students must successfully pass Praxis I (Reading, Writing, and Math), Praxis II (Principles of Learning and Teaching), submit a portfolio, pass the Flinn Science Safety Course, and pass a state criminal background check.

- b. Total semester credit hours required for minor

18 semester credit hours

- c. New courses and course descriptions

No new courses are requested or are being developed. All courses are currently active and have student enrollment.

- d. Goals and objectives of program minor

Explore the implications of learning theories on individual learning, social learning, and within the context of larger social justice issues;
Apply theoretical and practical frameworks to analyze various instructional activities, focusing on content development through teacher-student, student-student, and group interactions;
Design, implement and evaluate problem- and project based curricula and processes;
Engage in an intensive, culminating experience that equips UAteach students with the tools needed for their first teaching experience;
Design and carry out independent scientific inquiries employing the tools used by scientists;
Explore historical perspectives that have shaped the content and direction of the sciences, apply historical content and information to K-12 educational contexts; and
Engage in problem solving and problem based learning through explorations and lab activities that strengthen, deepen and expand knowledge of secondary mathematics topics.

- e. Expected student learning outcomes

These were approved in-depth with the program in 2012, but include the following:

write performance objectives aligned with national and state standards and assessments of those objectives for each lesson;
demonstrate awareness of personality and learning differences and discuss the implications for teaching and learning;
use probing questions to elicit feedback to determine students' acquisition of knowledge;
identify the unique attributes of adolescent students and implement teaching strategies that are effective in the middle school environment;
use the clinical interview method to make sense of someone's reasoning about a topic in mathematics or science;
articulate various standards for knowing science and mathematics and articulate the implications of these standards for assessment, especially standardized assessment;
articulate what it means to know and learn relative to cognitive structures and describe how what people know changes and develops; and
observe, analyze, and discuss how students' knowledge and skills can be built using a variety of instructional strategies (including direct instruction, inquiry teaching, and use of small groups), focusing on what each model requires of teachers.

- f. Documentation that program option meets employer needs

The program is currently approved and is in operation. The student demand and employer information was submitted with the UAteach replication proposal in 2012.

- g. Student demand for minor

See above.

- h. Name of institutions offering similar program.

The program is based on a replication of the University of Texas' undergraduate teacher licensure program. In an articulated approach, coordinated by the Arkansas Governor's Office, similar programs have been or are being developed at the University of Central Arkansas and UALR. Outside of the State of Arkansas, similar programs are offered at LSU, Boise State University, Florida State University, the University of California-Berkeley, Temple University, Towson University, the University of Tennessee, and Old Dominion University. There are 35 universities nationally with similar programs.

11. Institutional curriculum review/approval date:

12. Will the new option be offered via distance delivery?

No.

13. Explain in detail the distance delivery methods/procedures to be used:

N/A.

14. Specify the amount of additional costs required for program implementation, the source of funds, and how funds will be used.

Over a five year period, the implementation of the UAteach program is projected to cost \$1,322,419. All funds to cover the program have been raised from external constituents. The creation of the UAteach minor has no direct cost associated with it other than the secretarial staff time devoted to entering a minor applicant into the UA student information system.

15. Provide additional information if requested by ADHE staff.

President/Chancellor Approval Date:

Board of Trustees Notification Date:

Chief Academic Officer Date: