

**Mathematics and Science Teacher Enhancement Project
(MASTEP)**

Northeastern State University

A National Science Foundation (NSF) funded program

More information and an application form:

<http://arapaho.nsuok.edu/~adams001/MASTEP2002.htm>

Application Deadline is April 21, 2004

Northeastern State University has been awarded an NSF Grant to improve the qualifications of Middle School Mathematics and Middle School Science Teachers in Northeastern Oklahoma.

These courses may be part of NSU's new M.Ed. degrees in Science Education and in Mathematics Education. The goals of the project are to

- Enable middle level math and science teachers to master the subject matter competencies they need to teach their subject matter at the middle school level using reform-based methods.
- Increase the ability of middle school teachers to teach math and science using reform based methods.
- Form a community of math and science educators in Northeastern Oklahoma that will promote and sustain reform based math and science education on a long-term basis.

Eligibility Requirements:

- Be a teacher of mathematics or science at the middle school level (typically grades 6, 7, or 8, although these grade levels may vary in some schools);
- Demonstrate a need for additional content knowledge in mathematics or science.
- Agree to continue participation during the following school year by implementing the curriculum modifications developed during the summer and submitting a final report.

Each participant will receive

- A stipend. The amount depends on the level of participation; a maximum of \$1200 for mathematics participants or \$1500 for science participants. Note mathematics participants attend MTWTH 9:00 am -4:00 pm, and science participants attend MTWTHF 9:00 am -4:00 pm.
- Six hours of graduate credit in mathematics or in science. (Tuition will be free to participants.)

June 7 - July 1, 2004 Mathematics Track	MATH 5523 Data Analysis and MATH 5273 Geometry
June 7 - July 2, 2004 Science Track	SCI 5213 Investigative Biology and SCI 5313 Inquiry into the Physical Sciences I
July 6 - Aug.2, 2004 Mathematics Track	MATH 5023 Number Theory and MATH 5463 Rate of Change
July 6 - Aug. 2, 2004 Science Track	SCI 5323 Inquiry into the Physical Sciences II and BIOL 5253 Inquiry into Environmental Biology

- The opportunity to apply for MASTEP Supply Grants (up to \$500) to purchase supplies to implement course modifications.
- The opportunity to apply for MASTEP Conference Stipends (up to \$500) to attend professional meetings.
- Free registration for the Spring 2005 meeting of the Northeastern Oklahoma Mathematics and Science Teacher Association (NOMSTA) at NSU, Tahlequah.

For more information, please contact

Dr. April Adams, Project Director, 918-456-5511, Ext. 3819

NOTE PROGRAM IS CONTINGENT UPON CONTINUATION OF FUNDING

Mathematics and Science Teacher Enhancement Project
NSU MASTEP

Summer 2004 Application

Northeastern State University

Funded by the National Science Foundation

(NOTE PROGRAM IS CONTINGENT UPON CONTINUATION OF FUNDING)

Application Deadline: April 21, 2004

Applicants who give their e-mail addresses below will receive e-mail confirmation when their application arrives. The application has two pages.

Name: _____

Home Address: _____

Home Phone: _____ e-mail: _____

SS Number: _____ Female Male

Ethnicity: (optional) American Indian Asian Black Hispanic
White

Subject(s) You Teach: _____

Grade Level(s) You Teach: _____ Years of Teaching Experience: _____

Degree(s) Held and Major(s): _____

Are you currently enrolled as a graduate student at NSU? Yes No

Teaching Certification(s): _____

School: _____

School Address: _____

School Phone: _____ FAX: _____

Please indicate the MASTEP courses for which you are applying. If you are applying to attend classes in both June and July, please indicate your first choice by putting 1 in the blank beside those courses and a 2 in front of the other set of courses.

JUNE SESSION:	JULY SESSION:
Mathematics Courses MATH 5523 Data Analysis and MATH 5273 Geometry June 7 - July 1, 2004 MTWTH 9:00 am -12:00 pm and 1:00 pm - 4:00 pm.	Mathematics Courses MATH 5023 Number Theory and MATH 5463 Rate of Change July 6 – Aug. 2, 2004 MTWTH 9:00 am -12:00 pm and 1:00 pm - 4:00 pm.
Science Courses SCI 5213 Investigative Biology and SCI 5313 Inquiry into the Physical Sciences I June 7 - July 2, 2004 MTWTHF 9:00 am -12:00 pm and 1:00 pm - 4:00 pm.	Science Courses SCI 5323 Inquiry into the Physical Sciences II and BIOL 5253 Inquiry into Environmental Biology July 6 – August 2, 2004 MTWTHF 9:00 am -12:00 pm and 1:00 pm - 4:00 pm.

During the summer of 2002 or 2003 did you participate in MASTEP?

- Mathematics Participant Year(s) _____
 Science Participant Year(s) _____
 Not a Participant _____

A limited amount of low cost on-campus housing will be available at the participant's expense. Do you want to request it? Yes No

I understand that I will need to enroll in both mathematics courses **or** both science courses in the same session in order to participate and that I will be expected to provide a final report concerning my implementation of the curriculum modifications that I will design during the summer.

Signature of Applicant

Date

I support this teacher's application and to the best of my knowledge he or she will be teaching middle school mathematics or science during the 2004-2005 school year.

Signature of School Principal

Date

To complete your application

- On an attached sheet of paper state why you think you and your students will benefit from this program.
- Attach a copy of your college transcript(s).

Please return this application and the attachments to:

Melissa Moore, MASTEP Coordinator

Northeastern State University

College of Math, Science and Nursing

611 N. Grand, Tahlequah, OK 74464-2302

Or you may FAX the application to 918-458-2325

Questions? Call Melissa Moore, 918-456-5511, ext. 3812 or Dr. April Adams ext 3819.