962-97-707 **Steven R Benson*** (`sbenson@edc.org`), Center for Mathematics Education, Education Development Center, 55 Chapel St, Newton, MA 02458, and **Karen J Graham** (`kjgraham@cisunix.unh.edu`), Department of Mathematics, Kingsbury Hall, University of New Hampshire, Durham, NH 03824. *MST@UNH: A Mathematics Degree for Mathematics Teachers.*

The University of New Hampshire's Master of Science for Teachers in Mathematics Program (MST) originated as an NSF Summer Institute in the early 1960's and has served hundreds of high school and middle school mathematics teachers from around the country and internationally. MST is a residential Summer program featuring a strong emphasis on mathematics content, while also providing opportunities for teachers to consider alternative approaches to pedagogy. The MST degree requires:

- Thirty credits approved by the Department of Mathematics which normally include the six core courses (2 courses each in Geometry, Algebra, and Analysis) along with an additional 12 credits.

- Successful completion of a Concluding Experience, which includes the development of a mathematical portfolio and successful completion of a comprehensive problem set in conjunction with a problem solving seminar.

Our presentation will provide an overview and history of the program, with a focus on coursework (including several unique elective options) and our (relatively) new Concluding Experience, which students and faculty have found to be a successful and appropriate alternative to the standard series of comprehensive content examinations. (Received September 22, 2000)

1