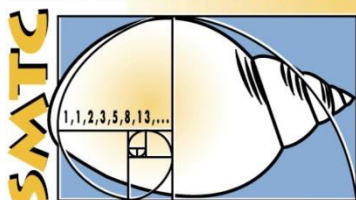


Masters of Science in Natural Science Middle Level Math Concentration (MMA)

Science and Mathematics Teaching Center

SCIENCE • MATH TEACHING CENTER



UNIVERSITY OF WYOMING

University of Wyoming
1000 E. University Ave Dept. 4320
Laramie, WY 82071
Hill Hall 242
ph.: 307.766.6381
E-mail: smtc@uwyo.edu
www.uwyo.edu/smtc

- **What:** A program designed specifically for teachers to expand math content knowledge and appropriate pedagogy for instruction at the middle-level grades.
- **Who:** Current teachers who would like to obtain a middle-level math endorsement and have at least 2 years of teaching experience.
- **Why:** earn a Master of Science degree with a concentration in Middle-level Mathematics Education. The content courses can be used as professional development towards meeting the federal definition of a "highly qualified" teacher

Courses:

Coursework may begin either spring, summer or fall semester.

- 24 hours of core courses* in mathematics and mathematics education
- 6 additional graduate credits from appropriate mathematics and research courses
 - Suggested courses:
 - **NASC 5670-** Plan B Research and writing
 - **NASC 5810-** Middle Level Science & Math Practicum (Required for teachers who are not currently teaching middle level science/math)
- Completion of a Plan B (non-thesis) or Capstone project

Core Courses:

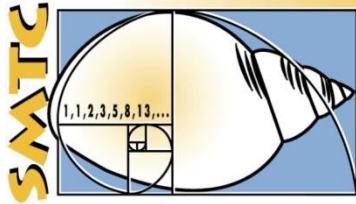
Spring – Odd Years - NASC 5205 - Methods for Teaching Middle Level Math	Summer – Odd Years (in Laramie) - NASC 5170 – Connecting Geometry - NASC 5225 - Assessment	Fall – Odd Years - MATH 5190 - Mathematics of Change
Spring – Even Years - MATH 5140 - Numbers and Operations	Summer – Even Years (in Laramie) - NASC 5215 - Technology - NASC 5185 - Analysis of Data	Fall – Even Years - MATH 5160 – Social and Historical Issues

The spring and fall classes are taught via distance learning on WyoCourses in the evening; the summer classes are in Laramie for three weeks starting in June.

**A certificate program that leads to an endorsement from PTSB in middle level science without earning a master's degree is also offered; participants in this option complete 24 hours of core courses. Contact SMTC for more information.*

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Application Steps:

1. Go to <https://wyoming-edu.secure.force.com>
2. Enter your UW username and password or register as a new user. Once you have access to the Admissions website, complete all required information for a graduate application.
3. For the Program of Study choose **Natural Science MS – College of Education (Middle Level Math)**
4. To complete the application follow the directions on the application page.

You will need:

- A \$50 application fee
- A current resume
- GRE scores or a GRE Alternative Portfolio - information sent by Admissions by email (These items are not required of applicants who hold a prior master's degree)
- Three letters of recommendation – follow instructions on application
- Transcripts from all colleges attended, must include a Bachelor's Degree
- A completed writing sample - questions sent by Admissions

All information is either uploaded or filled in on the Admissions website.

If you have questions or are having any problem regarding the application process, please contact the SMTC (smtc@uwyo.edu) or Rob Steele in Admissions (rsteale@uwyo.edu or 307-766-3866).

Application Deadlines:

Applications will be accepted on an ongoing basis by 11:59 p.m. on the dates below (or 11:59 p.m. the following Monday if the date falls on a weekend):

- April 1st to begin in the summer
- August 1st to begin in the fall
- November 1st to begin in the spring

Non-competitive tuition scholarships for Wyoming Teachers are available (as much as funding allows).