The MAED Distance Delivery program is a 30-hour professional development program for practicing science teachers (licensed or provisionally licensed). Normally, students enroll in one 3-hour course per semester during full time employment and up to 12 hours in the summer. Students should submit a MAED Degree - Proposed Plan of Study after completing 12 hours of graduate credit. Below is a list of suggested 3-hour on-line courses that are currently available for each category in the MAED plan of study. A student’s advisor and MAED committee must approve all coursework in the Plan of Study.

Foundations: (3-6 hours)

EDCI 5784: Graduate Seminar: Foundations in Science Education* (in development)
EDEP 5114: Advanced Educational Psychology
EDEP 5154: Psych Foundations for Teachers
EDCI 5804: STEM Education Foundations

Research: (3-6 hours)

EDCI 5784: Graduate Seminar: Research & Assessment in Science Education*
EDRE 5404: Foundations of Education Research & Evaluation
EDCI 5834: STEM Education Research

Concentration: (12-15 hours)

EDCI 5784: Technology in the Science Classroom*
EDCI 5724: Teaching in Middle and Secondary Schools I: Science*
EDCI 5554: Educating Exceptional Learners
EDCI 5814: STEM Education Pedagogy
EDCI 5824: STEM Education Trends and Issues
EDCI 5854: Biotechnology Literacy by Design
EDCI 5774: Classroom and Behavior Management
EDCI 5264: Comprehension and Content Reading

Cognate: (3-6 hours science courses outside School of Education. See examples below)

NR 5424: Urban Wildlife
NR 5724: Conservation Ecology
APSC 5044: Biotechnology in Ag and Society

* Required program courses