The vision is to advance a reputation as a leading program to train scientist-educators by the exemplary and innovative skills of our students and faculty. The mission of the BS/MA five year combined degree program is to train secondary education teachers of biology, chemistry and mathematics who are leaders in education, who have a solid foundation in their content area, and are simultaneously well-versed in innovative pedagogical practices that are rooted in educational theories regarding student learning.

For Students Earning a B.S./M.A. Degree in Science & Technology / Instr & Curriculum

It is our expectation that graduates from this NJCSTM program will have these characteristics:

SLO1: Graduates will be professionals in math education or science education with both highly developed practical and critical thinking skills with the potential to further their professional development.

SLO2: Graduates will comprehend their role in society and in math/science as well as the role of scientist-researchers who are their counterparts.

SLO3: Graduates will be future teacher-leaders that are sought after by school districts throughout the state.

SLO4: Graduates will articulate that all learners are unique, and that different methods of pedagogy must be employed in their classrooms to enable all learners to learn.

SLO5: Graduates will be able to verbally express themselves and communicate scientific comprehension and knowledge in both formal oral presentations and in written format clearly, concisely and accurately.

SLO6: Graduates will demonstrate the role of national, state and local standards in math and science education, and how those standards are actualized within their individual classrooms.