Program of Studies for
Master of Education in Interdisciplinary STEM Education

Student Name: _____ CWID #_____

Mailing Address:_____

E-Mail: _____

Telephone: Home _____ Work _____ Cell _____

Undergraduate Degree: _____ GPA: _____

Course Number	Required Core Courses *(19 hours)*	Hours	For Institutional Use	
			Semester Taken	Grade
EDUC 670	Foundations in STEM I	2		
EDUC 543	Teaching, Learning and Assessing with Technology	3		
EDUC 544	Project Based Learning and Interdisciplinary Teaching	3		
EDUC 545	Developing STEM Disciplinary Literacy Skills	3		
EDUC 546	Leadership and Critical Issues in STEM Education	3		
EDUC 547	Research and Statistics for STEM Applications	3		
EDUC 680	Foundations in STEM II	2		
Course Number	Electives *(15 hours required –* *Choose with assistance from advisor from the list below)*	Hours	For Institutional Use	
			Semester Taken	Grade
		3		
		3		
		3		
		3		
		3		

☐ BIOL 540 - Biotechnology for STEM Educators
☐ CHEM 520 - The Chemistry of Art
☐ CHEM 521 - Forensic Science
☐ CHEM 522 - Nanotechnology for STEM Educators
☐ CSCI 555 - STEM Education through Robotics
☐ CSCI 663 - Programming for STEM Educators
☐ CSCI 690 – App Development
☐ MATH 618 - Mathematical Technology Resources for STEM Education

☐ PHYS 510 - Engineering Applications in STEM
☐ EDUC 548 - Multidisciplinary Experimental Design and Implementation
☐ EDUC 587 – Earth Science for Teachers
☐ EDUC 587 – The Science of Food for STEM Educators
☐ Other graduate level Citadel STEM related courses – see advisor for approval

I understand that for degree completion, I must complete the courses listed above meeting the standards of The Citadel's Graduate College and the Zucker Family School of Education.

I must also complete the non-credit leadership course (LDRS 500) and submit a valid certificate for Darkness to Light training (see graduate college for details; cgc@citadel.edu).

Student Signature: _____ Date:_____

STEM M.Ed. Advisor: _____ Date: _____

Changes to this program of study must be approved by the Teacher Education Coordinator and Candidate Advisor
Revised 02/2017