



**MASTER OF ARTS IN TEACHING  
MIDDLE GRADES SCIENCE CONTENT  
PROGRAM OF STUDY**



Name: \_\_\_\_\_ Student ID #: \_\_\_\_\_

Email: \_\_\_\_\_ Telephone (Home): \_\_\_\_\_ Cell: \_\_\_\_\_

Application Date \_\_\_\_\_ GRE Scores Q: \_\_\_\_\_ V: \_\_\_\_\_ T: \_\_\_\_\_ AW: \_\_\_\_\_ MAT: \_\_\_\_\_ Anticipated Date of Graduation: \_\_\_\_\_

Undergraduate Degree: \_\_\_\_\_ Undergraduate Institution: \_\_\_\_\_ Undergraduate GPA: \_\_\_\_\_  
(Minimum 2.5)

**Note: See Program Director or Faculty Advisor for creation of or changes to proposed course sequence.**

COURSE	Grade	Hours	REQUIRED UNDERGRADUATE CORE CURRICULUM	INSTITUTION	
The advisor and/or program director will decide if a student needs a public speaking course.					
			Freshman English (min. 4 credit hours) Will be waived if student makes a 4.0 writing score on GRE.		
			Non - U.S. History (min. 3 credit hours)		
			U.S. History (min. 3 credit hours)		
			Mathematics (min. 3 credit hours)		
			Anthropology (min. 3 credit hours)		
COURSE/ TERM	Grade	Hours	REQUIRED UNDERGRADUATE SCIENCE CONTENT Check primary preparation and indicate minimum preparation needed in other content areas (4 hours min in science areas other than primary preparation)	INSTITUTION	
			o Biology - _____ courses needed		
			o Chemistry - _____ courses needed		
			o Geology - _____ courses needed		
			o Physics - _____ courses needed		
			REQUIRED EDUCATION COURSE		
		EDFS 687/326 OR TEDU 536/436	Introduction to Educational Technology (F, SP, SU), OR, Using Instructional Technology in Problem Based Learning	Equivalent undergraduate or graduate educational technology course may be accepted if taken within the last three years.	
TERM/ YEAR	Grade	COURSE	REQUIRED GRADUATE SCIENCE COURSES (9 SEMESTER HOURS) *Course Schedule Subject to Change*	College of Charleston	The Citadel
		EDFS 660	Nature of Science, Mathematics, and Science/Mathematics Education <b>Required Course (CofC)(SP)</b>		
		BIOL 605 BIOL 606, or BIOL 609	<b>Science methods course – One of the following based on transcript review: (The Citadel)</b> Laboratory Methods in Biology Field Method in Biology Seminar in Environmental Science		
		SMFT 523 SMFT 524 SMFT 537 SMFT 540 SMFT 548 SMFT 555 SMFT 639 SMFT 645 SMFT647,or SMFT 697	<b>Recommended courses to have preparation in all science areas based on transcript review. Maximum of two courses. (CofC)</b> Earth Science for Teachers Space Science for Teachers Topics in Botany for Teachers Fundamentals of Physical Science Atomic Theory of Matter from Lucretius to Quarks Applications of Physics for Teachers: How Things Work Genetics and Molecular Biology for Teachers Physics of Force and Motion for Teachers Determination of Structure and Matter Special Topics, as appropriate		

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**REQUIRED GRADUATE LEVEL COURSES - 50% TO BE TAKEN AT EACH INSTITUTION**

TERM/ YEAR	Grade	COURSE	CORE EDUCATION GRADUATE COURSES Total of 24 Credit Hours	College of Charleston	The Citadel
		EDUC 500 OR EDFS 652	Foundations of American Education (The Citadel) (F, SP, SU) *See course syllabus for information on field experience requirement OR Social and Philosophical Foundations of Education (CofC) (F, SP, SU)		
		EDEE 640 OR EDUC 588	Advanced Foundations of Language and Literacies Development (CofC) (F) OR Foundations in Literacy (The Citadel) (F, SP)		
		EDUC 514 OR EDFS 710	The Exceptional Child in School (The Citadel) (F, SP, SU) *See course syllabus for information on field experience requirement OR Introduction to Exceptional Children (CofC)(F, SP, SU)		
		EDEE 690	Creating Effective Learning Environments (CofC) (F)		
		EDEE 515	Middle Grades Organization and Curriculum (CofC) (F, SP)		

**MIDDLE GRADES PRACTICUM**

**THE FOLLOWING SIX HOURS MUST BE TAKEN TOGETHER AT THE SAME INSTITUTION**

TERM/ YEAR	Grade	COURSE	CORE EDUCATION GRADUATE COURSES	Required Field Experience	College of Charleston	The Citadel
		EDUC 536 OR EDFS 654	Educational Psychology (The Citadel) (F, SP) OR Human Growth and Development (CofC) (F, SP)	75 hours working in public Middle School Science setting		
		EDUC 501 OR EDMG 658	Methods and Materials of Middle and High School Teaching (The Citadel) (F, SP) OR Application of Methods and Materials in a Middle Level Field Grades 5-8(CofC) F,SP			

**THE FOLLOWING COURSE MUST BE TAKEN AFTER PRACTICUM AND BEFORE INTERNSHIP**

TERM/ YEAR	Grade	COURSE	CORE EDUCATION GRADUATE COURSES	Required Field Experience	College of Charleston	The Citadel
		EDUC 592	Teaching Reading and Writing in the Middle and High School Content Areas (The Citadel) (F, SP, SU)	20 hours		

**ADMISSION TO CLINICAL PRACTICE INTERNSHIP**

**\*CANDIDATE MUST APPLY FOR CLINICAL INTERNSHIP ONE-YEAR BEFORE INTERNSHIP\***

<p><i>All additional required coursework must be completed prior to entering Clinical Practice Internship. All candidates are required to successfully complete all required field experiences prior to internship.</i></p>	<input type="checkbox"/> Application for internship <input type="checkbox"/> PRAXIS II Content Specialty Scores– passing scores must be submitted prior to internship placement <input type="checkbox"/> PRAXIS II Principles of Learning and Teaching– passing scores must be submitted for program completion <input type="checkbox"/> Acceptable disposition evaluations by MAT faculty <input type="checkbox"/> Certification Application <input type="checkbox"/> FBI/ SLED background check – SDE Clearance
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**CULMINATING PROFESSIONAL EXPERIENCES IN MIDDLE SCHOOL  
 (60 continuous full days during the internship - 9 credit hours – Must be taken together at the same institution)**

TERM/ YEAR	Grade	COURSE	CORE EDUCATION GRADUATE COURSES	College of Charleston	The Citadel
		EDMG 699 or EDUC 520	Middle Grades Clinical Internship (CofC) (F, SP) or Professional Internship (The Citadel) (F, SP)		
		EDMG 698 or EDUC 525	Transition to the Profession Seminar (CofC) (F, SP) or Transition to the Profession Seminar (The Citadel) (F, SP)		

**PROGRAM COMPLETION**  
 Science Content – Min. Program Credit Hours Required for Graduation: 42 (Hrs do not include additional UG & Education course requirements.)  
 Signed copies to 1. Graduate School, 2. Program Directors, 3. Candidate, 4. Advisor, 5. Office of Student Services and Credentialing

Candidate Signature \_\_\_\_\_ Date \_\_\_\_\_

Program Director \_\_\_\_\_ Date \_\_\_\_\_

Education Advisor Signature \_\_\_\_\_ Date \_\_\_\_\_

Department Chair/Dean \_\_\_\_\_ Date \_\_\_\_\_