



## Zucker Family School of Education at The Citadel Program of Study for the Master of Arts in Teaching MATHEMATICS

Name: \_\_\_\_\_ CWID: \_\_\_\_\_ Email: \_\_\_\_\_

Anticipated Date of Completion of MAT program: \_\_\_\_\_ Undergraduate Degree & Institution: \_\_\_\_\_

REQUIRED GRADUATE LEVEL EDUCATION PREPARATION			
Grade	Term Completed & Institution	Candidates are required to consult with the Education Advisor for sequence planning. <u>ALL</u> coursework must be completed prior to placement in EDUC 520*	Hours
		Foundations of American Education – EDUC 500 <b>OR</b> Critical Educational Issues in a Multicultural Society – EDUC 522 (if student has prior Education coursework)	3
		The Exceptional Child in the School – EDUC 514	3
		Educational Psychology – EDUC 536	3
		Data Collection and Analysis – EDUC 512	3
		Foundations in Literacy – EDUC 588	3
		Methods and Materials of Middle and High School Teaching – EDUC 501	3
		Teaching Language and Literacy across the Content Area – EDUC 592	3
		Special Methods in Teaching in the Content Area: Mathematics – EDUC 623	3
		Professional Internship – EDUC 520+ <i>Requires placement in a public school for one semester of full-time student teaching</i>	6
REQUIRED PSYCHOLOGY PREPARATION			
Grade	Term Completed & Institution	Not required if candidate has verifiable undergraduate coursework in Psychology. <u>ALL</u> coursework must be completed prior to placement in EDUC 520*	Hours
		Human Growth and Development – PSYC 500	3
REQUIRED UNDERGRADUATE MATHEMATICS PREPARATION			
Grade	Term Completed & Institution	Candidates admitted to the Master of Arts in Teaching Mathematics program must successfully complete the following undergraduate content courses prior to enrolling in graduate level Mathematics courses.	Hours
		Analytical Geometry & Calculus I - MATH 131	4
		Analytical Geometry & Calculus II - MATH 132	4
Grade	Term Completed & Institution	The following undergraduate courses are required for program completion; but may be taken in conjunction with graduate level Mathematics courses. Candidates are expected to consult with the Mathematics Content Advisor for sequence planning.	Hours
		Analytical Geometry & Calculus III - MATH 231	4
		Linear Algebra – MATH 240 <b>OR</b> recommended graduate Math course - MATH 530* <small>*It is recommended that candidates take this course prior to enrolling in MATH 521.</small>	3
REQUIRED GRADUATE LEVEL MATHEMATICS PREPARATION			
Grade	Term Completed & Institution	Candidates are expected to consult with the Mathematics Content Advisor for sequence planning. <u>ALL</u> coursework must be completed prior to placement in EDUC 520.	Hours
		Modern Algebra - MATH 532	3
		Probability and Statistics - MATH 542	3
		Applications of Discrete Mathematics - MATH 545	3
		Modern Geometry - MATH 521	3

- LDRS 500 (Complete in initial semester of MAT program)
- Passing Score on PRAXIS Content Exam – Qualifying Score = 150 for Test Code 5161 (Mathematics: Content Knowledge) through 31 August 2022 **OR** Qualifying Score = 159 for Test Code 5165 (Mathematics)
  - Must Successfully pass before internship
- Passing Score on PRAXIS Principles of Learning and Teaching Exam (PLT) – Qualifying Score = 157 for Test Code 5624
  - Recommended after completion of 500, 536, and 514

*I understand that I must successfully complete all content area and education courses, as well as the SC State Department of Education requirements in order to be recommended for a Master of Arts in Teaching and a South Carolina teaching certificate. I understand that I must display the dispositions expected of The Citadel's Teacher Candidates and that I will be evaluated on these throughout my course of study.*

*\*I understand that changes in the courses to be taken must be approved by: 1) Education Advisor, 2) Content Area Advisor, and 3) ZFSOE Dean.\**

Student Signature	Date Submitted	Education Advisor Signature	Date Approved
Content Advisor	Date Approved	ZFSOE Dean	Date Approved