

COURSES	HRS	MILESTONES
CORE COURSES		
ED 520: INTO TO RESEARCH	3	
ED 522: ANALYSIS OF TEACHING <i>OR</i> ED 563: READING PEDAGOGY <i>OR</i> ECH 501: SEMINAR IN CRITICAL EDUCATIONAL ISSUES	3	
ED 523: CURRICULUM DEVELOPMENT AND EVALUATION <i>OR</i> ECH 502: CREATIVE RESPONSE TO CONFLICT	3	
ED 578: PROFESSIONAL SEMINAR	3	SEMINAR
TOTAL HOURS	12	
SPECIALIZATION COURSES		
MAED 501: TEACHING SECONDARY MATHEMATICS	3	*STUDENT MUST MAINTAIN A 3.00/4.00 OR BE PLACED ON PROBATION
MAED 551: ALGEBRA/NUMBER THEORY FOR TEACHERS	3	*STUDENT IS REQUIRED TO COMPLETED AN ONLINE PROFESSIONAL PORTFOLIO PRESENTATION OR THESIS DEFENSE
MAED 556: RESEARCH IN MATHEMATICS TEACHING AND LEARNING	3	*MUST SUBMIT GRADUATION APPLICATION ONE SEMESTER BEFORE DATE OF GRADUATION
TOTAL HOURS NEEDED	9	
SPECIALIZATION COURSES (MUST CHOOSE TWO)		
MAED 537:GEOMETRY/TRIGONOMETRY FOR SECONDARY TEACHERS	3	
MAED 540:DISCRETE MATHEMATICS FOR GRADES 7-12	3	
MAED 550: PRE-ALGEBRA FOR TEACHERS	3	
MAED 571: ANALYSIS FOR TEACHERS	3	
TOTAL HOURS NEEDED	6	
ELECTIVE COURSES (MUST CHOOSE TWO)		
MAED 511: TECHNOLOGY FOR TEACHING SECONDARY MATHEMATICS	3	

MAED 532:TEACHING STATISTICAL REASONING	3	
MAED 581: PROBLEM SOLVING	3	
MAED 585: APPLICATIONS AND MATHEMATICAL MODELING FOR TEACHERS	3	
MAED 590: HISTORICAL DEVELOPMENT OF MATHEMATICS	3	
TOTAL HOURS NEEDED	6	
ELECTIVES	6	*MUST COMPLETE 6 CREDIT HOURS FROM ANY OF THE CONCENTRATION AREAS. MUST BE SELECTED FROM APPROPRIATE 400-500 LEVEL COURSES AS APPROVED BY ADVISOR.
TOTAL HOURS TO EARN M.ED.	33	