

TEXAS A&M UNIVERSITY CORPUS CHRISTI
 MASTER OF SCIENCE IN MATHEMATICS - 2020-2021 CATALOG
CURRICULUM CONTENT OPTION (CUCO)

Name: _____
 ID#: _____

COMPETENCY REQUIREMENTS

CANDIDATES FOR THIS CURRICULUM CONTENT OPTION SHOULD HAVE TEACHING CERTIFICATION, TEACHING EXPERIENCE OR BOTH. CANDIDATES SEEKING INITIAL CERTIFICATION SHOULD CONTACT THE SMTE COORDINATOR OR COLLEGE OF EDUCATION TO MAKE PLANS FOR CERTIFICATION AS LEVELING WORK.

Leveling work within Mathematics:

5310 MATH 2305 DISCRETE MATHEMATICS
 5310 MATH 2413 CALCULUS I
 5310 MATH 3311 LINEAR ALGEBRA

COMPLETED

GRADE HRS. Term

CORE COURSES (15 HOURS)

MATH 5325 STRUCTURE OF NUMBER CONCEPTS
 MATH 5326 STRUCTURE OF PATTERNS & ALGEBRA
 MATH 5327 STRUCTURE OF GEOMETRY & MEASUREMENT
 MATH 5328 STRUCTURE OF PROBABILITY & STATISTICS
 MATH 5329 STRUCTURE OF MODELING W/RATES OF CHANGE

ELECTIVES (12 HOURS)

MATH 5321 PROBLEM SOLVING AND MATHEMATICAL REASONING FOR TEACHERS
 MATH 5322 MATHEMATICS ASSESSMENT
 MATH 5323 MATHEMATICS INSTRUCTION AND MENTORING
 MATH 5324 PRINCIPLES OF REFORMING MATHEMATICS INSTRUCTION
 MATH 5331 EVOLUTION OF MATHEMATICAL SYSTEMS
 MATH 5332 INTEGRATING TECHNOLOGY IN MATHEMATICS EDUCATION

REQUIRED COURSES (taken prior to choosing Thesis or Project)

MATH 5993 LITERATURE REVIEW & RESEARCH (1-9 SCH variable)
 MATH 5994 PROPOSAL RESEARCH (1-3 credits) 3 SCH required

THESIS/PROJECT CHOOSE EITHER THESIS OR PROJECT

(1) THESIS

MATH 5995 THESIS

(2) PROJECT

MATH 5997 PROJECT

TOTAL HOURS 36

GPA (MIN. 3.0): _____