

SUBJECT MATTER SPECIALIZATION: MATHEMATICS
GUIDELINES FOR DETERMINING ELIGIBILITY FOR ADMISSION TO
EDUCATION PROGRAM, CLINICAL PRACTICE, AND COMPLETION OF PROGRAM

All native and transfer students interested in pursuing K-12 mathematics certification in the Subject-Matter Education program and/or seeking enrollment in Clinical Practice must meet the following requirements:

For entry into the Subject-Matter Education Program:

1. *Mathematics GPA** of 2.75 or above
2. Grades of C- or better in all mathematics classes
3. Grades of C- or higher in “sophomore” courses (i.e., TLC I & II, Teaching Literacy, and Educational Technology)
4. “Meets Expectations” on dispositional reports from College of Education instructors and cooperating teachers
5. Overall GPA of at least 2.75
6. Passing score on Praxis I/PPST Exam (Reading: 175; Math: 174; Writing: 173)
7. Completion of at least 15 semester hours of *Required* and/or *Restricted Elective* mathematics courses (as listed below)

For enrollment in Clinical Practice:

1. *Mathematics GPA** of 2.75 or above
2. Grade of C- or better in all mathematics classes
3. Passing score (137) on the PRAXIS II exam (Mathematics: Content Knowledge (10061))
4. Average grade of 3.0 in professional education courses with no course grade lower than C- and no *Incompletes*
5. Overall GPA of at least 2.75
6. Acceptable dispositional report(s) from university instructors and cooperating teachers
7. “Meets Expectations” on *Content Knowledge Portfolio* and *Problem Solving, Reasoning, and Proof Portfolio*
8. Completion of at least 30 semester hours of *Required* and/or *Restricted Elective* mathematics courses (as listed below)

For successful program completion:

1. “Meets Expectations” on all indicators (COE and Math Program-specific) of final Clinical Practice Evaluations
2. Overall GPA of 2.75
3. Average grade of 3.0 in professional courses with no course grade lower than C- and no *Incompletes*
4. Achieve minimum *Mathematics GPA** (2.75) with no grade lower than C- in mathematics courses
5. “Meets Expectations” on *Impact on Student Learning Project*
6. “Meets Expectations” on *Unit Plan Project*
7. “Meets Expectations” on *Mathematical Professional Record*

Mathematics GPA is to be calculated using only those grades from courses in the REQUIRED MATHEMATICS COURSES and RESTRICTED ELECTIVES lists below. No other courses are to be counted toward the Mathematics GPA (i.e., courses at a level below that of Calculus I). (Key to table: Courses in **boldface are 300-level. Courses in **boldface and underlined** are 400-level or above.)*

REQUIRED MATHEMATICS COURSES for <i>Undergraduate</i> Track (37 credits)	RESTRICTED ELECTIVES (Choose 5+ sh)
<ul style="list-style-type: none"> • Discrete Math (3 sh) • Calc I (4 sh) • Calc II (4 sh) • Calc III (4 sh) • Linear Algebra • Ordinary Differential Equations 	<ul style="list-style-type: none"> • Real Analysis I • Modern Algebra I • Intro to Prob & Stats I • <u>Math Seminar</u> • College Geometry (4sh)
	<ul style="list-style-type: none"> • Tech Tools (2 sh) • Modern Algebra II • Intro to Topology • Numerical Analysis • Partial Diff Eq. • Theory of Numbers • Intro to Prob & Stats II • <u>Applications of Math</u> • <u>Complex Analysis</u> • <u>Deterministic Models in OR</u> • <u>History of Math</u> • <u>Math Field Experience</u> • <u>Real Analysis II</u> • <u>Stochastic Models in OR</u> • <u>Any 500-level math course</u>

- Notes:**
- For all students, all of the required courses and any eligible electives *must* be used in the calculation of the Mathematics GPA (i.e., none of these courses is to be excluded in GPA calculation).
 - For transfer students (and native students taking any of these courses at other institutions), the Mathematics GPA is to be calculated from transcripts *and* coursework at Rowan

I have read and understand that the above guidelines and courses are required to continue in and to complete the Subject Matter Specialization: Mathematics Program.

Signature: _____ **Date:** _____

Printed Name: _____

**CHECKLIST FOR DOCUMENTING ELIGIBILITY FOR
MATHEMATICS SUBJECT-MATTER EDUCATION**

Teacher Candidate: _____ **Banner ID:** _____

All native and transfer students seeking admission into the Mathematics Subject-Matter Education Program must meet all of the following requirements:

Requirement	Candidate's Qualifications	Meet? (Y/N), Date(s)
Grades of C- or higher in "sophomore" courses	Grades: Teaching in Learning Communities I: _____ Teaching in Learning Communities II: _____ Teaching Literacy: _____ Educational Technology: _____ COE Advisor's Verification (Initials):	
"Meets Expectations" on dispositional reports from College of Education instructors and cooperating teachers	COE Advisor's Verification (Initials):	
Successful completion (i.e., grades of C- or better) of at least 15 semester hours of <i>Required</i> and/or <i>Restricted Elective</i> mathematics courses (as listed in <i>Guidelines</i>)	Courses Completed (with semester hours and grade) _____ (sh): _____ _____ (sh): _____ _____ (sh): _____ _____ (sh): _____ _____ (sh): _____ _____ (sh): _____ Advisor's Verification (Initials):	
Grades of C- or better in all mathematics classes	Advisor's Verification (Initials):	
Mathematics GPA* of 2.75 or above and Overall GPA of 2.75 or above	Math GPA: _____ Overall GPA: _____ Advisor's Verification (Initials):	
Passing score on Praxis I/PPST Exam (Reading: 175; Math: 174; Writing: 173)	Score: COE Advisor's Verification (Initials):	
Meets all requirements and is eligible for registering for <i>Teaching and Learning Mathematics A</i>		

Advisor's Signature: _____ **Date:** _____

