



ED.M. IN ELEMENTARY EDUCATION WITH INITIAL CERTIFICATION: ELEMENTARY K-6 AND MIDDLE SCHOOL 5-8 TEACHING (4+1)

Revised Summer, 2024 -- For students earning a bachelor's degree in May, 2026 or later

*Students who complete this program successfully will receive an Ed.M. in Elementary Education from the GSE as well as a nomination to the New Jersey Department of Education for two teaching certificates: a **Certificate of Eligibility with Advanced Standing (CEAS) in Elementary School Teacher (K-6) and Middle School with Subject Matter Specialization in: English/Language Arts, Mathematics, Science, Social Studies, or World Language (5-8).***

I. PROGRAM DESCRIPTION: The Ed.M. in Elementary Education with Initial Certification in Elementary K-6 and Middle School 5-8 Teaching (4+1) is designed for Rutgers undergraduate students who wish to teach elementary in grades K-6 and/or middle school-age children. This program provides undergraduates with an opportunity to earn their bachelor's degree, a master's degree, and an initial teacher certification with just one additional year of study. Rutgers undergraduates do preliminary coursework as advised during the first three undergraduate years, including undergraduate prerequisite coursework. Additionally, they select a middle school content teaching area based on their interest and their undergraduate coursework. These content areas include: English, Mathematics, Science, Social Studies, World Language (proficiency exams required), STEM, or Humanities. Rutgers students are admitted to the program during the spring semester of junior year and enter the professional education sequence during senior year. After students are awarded a bachelor's by the undergraduate college, they continue with the professional sequence for a fifth year of full-time graduate study at the GSE.

Upon completion of all five-year program requirements, students earn an Ed.M. in Elementary Education and the GSE will make a nomination to the New Jersey Department of Education on behalf of the student to receive a Certificate of Eligibility with Advanced Standing (CEAS) in Teacher of Elementary Grades (K-6) and Middle School with Subject Matter Specialization in: English/Language Arts, Mathematics, Science, Social Studies, or World Language (5-8).

The Ed.M. in Elementary Education with Initial Certification in Elementary K-6 and Middle School 5-8 Teaching (4+1) offers a range of foundational and specialized topics in elementary and middle school education using a cohort model. These topics include principles of classroom learning, evaluation and assessment, classroom organization, literacy development, community relations, and educational psychology.

In alignment with the GSE's mission, all teacher preparation programs and courses are designed to prepare teacher candidates to be culturally responsive practitioners and effectively teach diverse learners by fostering a deep understanding of students from historically underserved linguistic, economic, and cultural backgrounds and communities. Pedagogy courses aimed at meeting the specific learning needs of elementary and middle school students, along with carefully crafted internships under the guidance of experienced teachers and expert faculty providing feedback, ensure that candidates are well-prepared as teachers to advance equity and excellence in their content area.

II. MAJOR: All undergraduate majors are acceptable for this program. However, we recommend a liberal arts area. Please check with the GSE Advisor about your choice of major as early as possible in your undergraduate career. A major in one of the subject areas taught in the middle school grades may make the program requirements easier to complete (English, mathematics, sciences, social studies, or a World Language).

Subject Specialization: At least 15 credits of college-level work must be completed in the subject field in your area of specialization (**English, mathematics, science, social studies, or world language.**) Any subject fitting into one of the five areas listed above is appropriate. Specialization in more than one field is acceptable, but at least 15 credits must be earned in each field.

III. APPLICATION REQUIREMENTS: To be considered for admission to the program, applicants must provide the following before the application deadline:

1. Personal statement
2. One letter of recommendation
3. Official undergraduate transcripts - the New Jersey Department of Education requires a minimum GPA of 2.75 to be admitted to a teacher education program.

(NOTE: Praxis Core, SAT, GRE, ACT or other basic skills exams are no longer required as of January 1, 2025. Admission to the GSE Teacher Education Programs is competitive. Meeting the minimum requirements above does not guarantee admission.)

IV. HOW TO APPLY: Applications are submitted online at the Graduate Admissions website:

<https://newbrunswickgrad.rutgers.edu/>

1. Click on "Create Account or Login" and follow the instructions given.
2. Under "Start an application today!", click **Apply Now**
Application Selection
3. For "Level of Application", select **Graduate**
4. For "Applicant Type", select **Degree**
5. Continue filling out the application, following the on-screen instructions.
Program of Study
6. Under "Program Information", make sure **Degree** is selected for "Applicant Type"
7. For "Degree Type", select **Master's (e.g. MA, MS, EdM, MFA)**
8. For "Area of Study", select **Education**
9. For "Location/Instructional Method", select **New Brunswick**
10. For "Program Selection", select **Education – Elementary Education K-6 - Certification - 5 Year (EDM)**
New Brunswick
Program Details
11. For "First Preference Concentration", select **5 Yr – K-6 Elementary & 5-8 (subject area)**. (2nd and 3rd preferences can be left blank.)
12. For "Term", select the summer semester after your May undergraduate graduation date.
13. Complete the rest of the application by providing the requested information.
14. Enter payment information for the non-refundable application fee.
15. Submit your application.

V. GENERAL EDUCATION REQUIREMENTS: Students must complete coursework in each of the following areas by completion of the program; fulfillment of these courses is not required for admission into the program. It is highly recommended that you coordinate the elements of this list with those of the general distribution requirements of your undergraduate college to make the most efficient use of your time. Courses should be selected in conjunction with the undergraduate program advisor.

General Education Requirements	
1. Math: two courses	01:640:107 Number & Operation for K-8 Teaching One other course from the following list*: 01:640:103, 106, 109, or 110 (109 and 110 are the recommended courses to fulfill this requirement.) *Students who took Math 103 prior to fall 2025 have completed this requirement.
2. Science: two courses	(Follow SAS/SEBS Core Natural Sciences requirement)
3. Educational Technology: one course	05:300:350 Education and Computers or 15:255:503 Introduction to Teaching with Digital Tools
4. Human Development	05:300:307 Human Development: Birth Through the Transition to Adulthood

VI. PRE-ADMISSION REQUIREMENTS

Course Number	Course Name
(May be taken during Phase 1 or Phase 2 with advisor's permission)	
05:300:368	Introduction to Teaching in Urban Schools & Communities

VII. PROFESSIONAL EDUCATION REQUIREMENTS

Course Number	Course Name	Credits
Phase 1 Summer (0 credits)		
n/a	Working with Minors	0
n/a	School Law	0
Phase 1 Fall 1 (10 credits)		
05:300:498	Clinical Experience Phase 1	1.0
15:253:513	Teaching Emerging Bilinguals in PK-6 Classrooms	3.0
15:251:561	Math Methods in Early Childhood & Elementary	3.0
15:293:534	Classroom Organization for Inclusive and Special Classrooms	3.0
Phase 2 Spring 1 (9 credits)		
05:300:499	Clinical Practice Phase 2	3.0
15:251:559	Math and Science in the Elementary School	3.0
05:300:435	Foundations of Language and Literacy in Early Childhood	3.0
	Undergraduate Total:	19.0

Course Number	Course Name	Credits
Phase 3 Summer 2 (3 credits)		
15:293:580	Literacy for Students with Disabilities	3.0
Phase 3 Fall 2 (15 credits)		
15:255:535	Clinical Practice Phase 3	9.0
15:255:532	Clinical Practice Phase 3 Seminar	3.0
15:251:575	Learning and Teaching in Middle School	3.0
Phase 4 Spring 2 (12 credits)		
15:255:539 or 15:253:522 or 15:253:523 or 15:253:539 or 15:293:539 or 05:300:406 ^G	Students, Communities, and Social Justice or Bilingual-Bicultural Education or Language and Culture Methods of Teaching and Assessing English Language Learners (TELL) or Students with Disabilities, Schools, and Social Justice or Community-Based Language Learning (CBLL)	3.0
05:300:304 ^G	Art Across the Curriculum for Inclusive Classrooms	3.0
15:251:558	Reading and Teaching in the Social Studies with Diverse Literature	3.0
	ONE COURSE FROM THE LIST BELOW	3.0
	Graduate Total:	30.0
	TOTAL CREDITS:	49.0

Course Number	Course Name	Credits
MIDDLE SCHOOL ENGLISH		
15:252:524	Critical Approaches to Grammar: Language, Culture, and Power	3.0
MIDDLE SCHOOL HUMANITIES		
15:252:524 or 05:300:472 ^G	Critical Approaches to Grammar: Language, Culture, and Power or Materials, Methods, and Assessment for Secondary Social Studies	3.0
MIDDLE SCHOOL MATH		
05:300:443 ^G	Methods of Teaching and Assessing Secondary Mathematics	3.0
MIDDLE SCHOOL SCIENCE		
15:256:553	Teaching and Assessment in Life Science	3.0
MIDDLE SCHOOL SOCIAL STUDIES		
05:300:472 ^G	Materials, Methods, and Assessment for Secondary Social Studies	3.0
MIDDLE SCHOOL STEM		
15:256:553 or 05:300:443 ^G	Teaching and Assessment in Life Science or Methods of Teaching and Assessing Secondary Mathematics	3.0
MIDDLE SCHOOL WORLD LANGUAGE		
15:253:538	Methods for Teaching and Assessing World Language Learners	3.0

^G Course must be 300-level or above to count towards graduate credits. 300- and 400-level courses must be registered with a **G-prefix**.

Additional Program Completion Requirements

VIII. LIBERAL ARTS: Students must complete a minimum of **60 credits** in liberal arts to earn the master's degree. Neither Education courses, nor any other performance-based or vocationally-oriented coursework (accounting, engineering, human resource management, public health, social work, etc.) may be counted toward the 60 liberal arts credits; no School 05, School 15, or E-credit courses may be included.

IX. PRAXIS II TESTS: Students seeking certification in elementary education must achieve a passing score on the Elementary Education: Multiple Subjects Praxis II examination (Test Code 5001/Subtests 5002, 5003, 5004, 5005). In addition, to earn the endorsement for subject matter specialization, students must pass the appropriate middle school Praxis II exam (English LA=5047; Math=5169, Science=5440, Social Studies=5089, For World Language students must pass the World Language Praxis II exam where applicable: Spanish=5195, French=5174, German=5183. **Students must pass all required tests prior to the start of full-time Clinical Practice Phase 3.**

X. PERFORMANCE-BASED ASSESSMENT (PBA): All candidates must pass a designated performance-based assessment during Clinical Practice Phase 3.

XI. PHYSIOLOGY, HYGIENE, AND SUBSTANCE ABUSE ISSUES: The Office of Student and Academic Services administers this New Jersey Department of Education exam during the final semester of the program.

ELEMENTARY WITH CONTENT SPECIALIZATION 5-YEAR PROGRAM

Suggested 15-credit Content Area Concentration

You must choose at least one from the following list of content area concentrations. This will be the area in which you will be certified to teach in grades 5 through 8.

English/Language Arts

15 credits in English above the 100 level. At least 9 credits should be at or above the 300 level and students must achieve a grade of “C” or better in each course. The sequence should include at least one period course in either Medieval, Renaissance (16th or 17th century), or Restoration (18th century) literature. No more than 2 courses in the sequence may be in creative writing and/or film.

Mathematics

15 credits in college-level mathematics or statistics. No more than one statistics course will count towards the 15-credit requirement. An appropriate sequence would be 640:106 Mathematics of Money; 640:107 Numbers and Operations for K-8 Teaching; 640:108 Problem Solving and Reasoning with Discrete Mathematics; 640:109 Geometry & Measurement for Elementary Teaching, 640:110 Algebra for Middle School Teachers, or any additional 640 math **or** 960 statistics course.

Science

15 credits in college-level science including 6 credits in physical sciences (physics or chemistry), 6 credits in life sciences (biology or genetics), and 3 credits in earth science (geology, meteorology, oceanography, or environmental.)

Social Studies

15 credits that distribute themselves over the areas covered by the NJ Core Curriculum Content Standards in Social Studies. These would include course(s) in the following areas:

- a. One survey course in U.S. history:
512:103, 512:104, 512:378, 512:379, 512:380, 512:381
- b. Two survey courses in pre-modern history from two different regions (Europe, Asia, Africa, Middle East, the Americas):
510:101, 510:201, 510:202, 508:200, 508:201, 508:220, 508:240, 508:280, 070:206
- c. One course in U.S. government and/or politics:
790:104, 790:106, 790:204, 790:302, 790:308, 512:400
- d. Elective – one of the following courses:
014:103, 070:101, 070:102, 450:100, 506:110, 506:201, 506:202, 506:221, 512:220, 512:266, 512:416, 840:101, 840:102, 920:101, 920:103

World Language

15 credits in the target language at the 100 level or above.

New Jersey Certification Options

Bilingual/Bicultural Teacher	English as a Second Language	Bilingual/Bicultural & ESL	Teacher of Students with Disabilities
12 credits - ONLINE	15 credits - ONLINE	18 credits - ONLINE	21 credits - ONLINE
15:253:522 Bilingual-Bicultural Ed		15:253:522 Bilingual-Bicultural Ed	15:293:533 Assessment and Measurement for Special Education
15:253:520 Principles of Language Learning: Second and World Language Acquisition	15:253:520 Principles of Language Learning: Second and World Language Acquisition	15:253:520 Principles of Language Learning: Second and World Language Acquisition	15:293:523 Inclusive Teaching in Education OR 05:300:304 Art Across the Curriculum in Inclusive Classrooms (FALL 2025 & AFTER)
15:253:530 (or 15:299:535) Foundations of Language	15:253:530 (or 15:299:535) Foundations of Language	15:253:530 (or 15:299:535) Foundations of Language	15:251:558 Reading & Teaching in the Social Studies with Diverse Literature or 15:299:516 Language Across Content Areas: Upper Elementary and Middle School
15:253:512 AND 15:253:513 Teaching Emerging Bilinguals	15:253:512 AND 15:253:513 Teaching Emerging Bilinguals	15:253:512 AND 15:253:513 Teaching Emerging Bilinguals	15:293:580 Literacy for Students with Disabilities
	15:253:539 Methods for Teaching and Assessing English Language Learners	15:253:539 Methods for Teaching and Assessing English Language Learners	15:293:522 Learning Disabilities OR 15:293:545 Characteristics & Methods for High Incidence Disabilities
	15:253:523 Language and Culture	15:253:523 Language and Culture	15:293:534 Classroom Organization for Inclusive and Special Classrooms
<i>Demonstrated proficiency in an additional language required</i>	<i>Demonstrated proficiency in English required</i>	<i>Demonstrated proficiency in English and an additional language required</i>	05:300:383/15:293:583 Introduction to Special Education OR 15:293:539 Students with Disabilities, Schools & Social Justice

Rutgers Professional Certificate Options

Educational Technology	Gifted Education	Maker Education	Consider starting an additional state licensure program and/or a Rutgers certificate program while working on your master's degree requirements. In consultation with your advisor, you may consider taking courses from these areas in place of your graduate-level elective(s). *
9 credits - ONLINE	12 credits - ONLINE	15 credits - ONLINE	
15:255:503 Introduction to Teaching with Digital Tools	15:294:531 (OR 05:300:320) The Gifted Child	15:290:553 Developing a Maker Mindset	
15:255:504 Web-Based Multimedia Design for Educators	15:294:532 (or 05:300:322) The Social & Emotional Development of Gifted Children	15:290:554 Designing/Facilitating Maker-Centered Learning Environments	
15:255:506 Developing Digital e-Learning Environments	15:294:533 Curriculum & Instruction for the Gifted	15:290:556 Introduction to Design Thinking	
	15:294:534 Gifted Program Development	15:290:555 Makerspace Safety and Emergency Lab	
		15:290:559 Maker Education Capstone	

You must complete an application form and obtain a signature from your faculty advisor prior to the final semester of the program. The application forms are available in the Office of Student and Academic Services or by emailing Colleen McDermott at: colleen.mcdermott@gse.rutgers.edu. Some programs require licensure exams for admission and/or certification recommendation.

These programs do not lead to a degree of any kind.

It is your responsibility to enroll in all of the required courses through Rutgers University. No program requirements may be met at any other institution. You are expected to maintain a "B" or better average in the non-degree coursework.

After completing all program requirements, students should contact Ken Tufo at: ken.tufo@gse.rutgers.edu. Students will be provided instructions on how to apply for their license(s). Please note that you cannot obtain an advanced certification until you complete the initial teacher certification. After completing all of the required courses in a GSE graduate certificate program, please contact Colleen McDermott to obtain your completion certificate.

*Not all courses are available to students enrolled in a 4+1 program during their senior year.

It may not be possible to complete these programs until after you earn your master's degree. Please email ken.tufo@gse.rutgers.edu for specifics.