

# Academic Rhode Map for BA Elementary Education/Mathematics Major at Rhode Island College

This map is a semester-by-semester plan to help guide you toward graduation within your specific program. This program is planned for nine (9) semesters. While it is not impossible to complete this program in eight semesters, nine semesters is more accurate. The map is designed primarily for freshmen entering college but transfer students are also encouraged to use the Rhode Map. Transfer Students may have completed several requirements through transfer of credits (please see your advisor to confirm course substitutions). Many courses have prerequisites and need to be taken in a specific order. This map is not your only route; it is a suggestion. Courses may be taken over the summer or early spring provided they are available during those sessions. On pages 2-4 of this guide, the left column outlines the ideal courses for you to take each semester. There may be times when courses are unavailable, in which case another course from a different semester may be taken (but keep those prerequisites in mind). The column on the right has "Checkpoints" for each semester and contains important information and requirements specific to your program. You should work from this map as you plan each semester's schedule, before meeting with your advisor. You are required to meet with your advisor each semester before registration begins. Please also check the Feinstein School of Education and Human Development's website for essential information and program updates. Courses with a "W" in the prefix are Writing in the Discipline (WID) courses and will be writing intensive. Any courses marked (F) are offered Fall only; (Sp) Spring only.

**FSEHD ADMISSION REQUIREMENTS:** The following requirements must be completed by undergraduate degree candidates at Rhode Island College in order to be accepted in the program:

- Completion of 24 credits upon admission.
- Completion of FYW 100 or FYW 100P (grade of B or higher)
- Completion of BIOL 100, MATH 143, and POL 102 or GEOG 200 (grade of C or higher)
- Completion of FNED 101 with a pass and FNED 246 (grade of B- or higher)
- Submission of three (3) reference forms from the service learning project in FNED 246 (faculty, supervisor, and self)
- Successful completion of both the RIC writing requirement and mathematics competency requirement
- Cumulative college GPA of 2.75 GPA based on all college level courses at RIC
- Successful completion of basic skills testing

Approved by Department Chair: Carolyn Obel-Omia Date 6/22/2020  
 Approved by Undergraduate Curriculum Committee: Date 6/22/2020

Revised: 6/1/2023

**GENERAL EDUCATION:** A complete listing of General Education courses can be found in the online catalog; look at catalog for year you enrolled. For Gen Ed courses, aside from Second Language requirement, which varies depending on where you are placed, you need ONE course from each category.

**Courses marked with an asterisk (\*) have a prerequisite..**

General Education Program	Professional Curriculum in Elementary Education (B- or higher in all ELED course)	Teaching Concentration in Math Content Major (2.5 required GPA in content major)
First Year Writing (B or higher)	MATH 143 Mathematics for ELED Teachers I (C or higher)*	MATH 209 Pre-calculus Mathematics*
First Year Seminar	FNED 101 Introduction to Teaching and Learning	MATH 212 Calculus*
Second Language Requirement- (101 and 102) - Contact Dept. of Modern Languages for Language Placement Test (optional)	FNED 246 Schooling for Social Justice*	MATH 220 Formalizing Mathematical Thought* (F)
	CEP 215 Introduction to Educational Psychology	MATH 240 Statistical Methods I *
	ELED /SPED 202W Teaching All Learners: F&S* (WID)	MATH 324 College Geometry
Arts-Visual and Performing (A) ART 210	ELED 222: Foundations of Literacy I: Grades 1-3*	MATH 409 Mathematical Problem Analysis* (F)
History (H) (if take GEOG 200; need HIST 107)	ELED 324: Foundations of Literacy II: Grades 3-6*	MATH 431 Number Theory* or MATH 436 Discrete Mathematics*
Literature (L)		
Mathematics (M) MATH 144* (C or higher)	ELED 326 Assessment and Intervention in Literacy: Tier 2*	
Natural Science (NS) BIOL 100* (C or higher)	ELED 330 Physical Sciences for Elementary School Teachers (early Sp)*	ELED 238 Teaching Functions and Algebra*
Social Behavioral Sciences (SB) POL 102 (C or higher) OR GEOG 200	ELED 436 Teaching Social Studies to Diverse Learners*	ELED 248 Teaching Data and Statistics*
Advanced Quantitative/Scientific Reasoning (AQSR) MATH 324/PSCI 204	ELED 437 Science and Health Education*	PSCI 204 Understanding the Physical Universe (C or higher)*
Connections Course(C)*	ELED 438 Teaching ELED Mathematics*	
		ELED 440 Capstone: STEAM/Project-Based Learning* OR SPED 460 Specialized Language Instruction*
SPED 433 Special Education: Best Practices and Applications*	ELED 439 Student Teaching in Elementary Schools*	MLED 331 Disciplinary Literacies with Young Adolescents*
TESL 401 Introduction to Teaching Emergent Bilinguals*	ELED 469W Best Practices: Instruction, Assessment, Classroom, Management* (WID)	MLED 332 Curriculum and Assessment for Young Adolescents*

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<b>SEMESTER 1</b>	<b>CR</b>	<b>SEMESTER 1 CHECKPOINTS</b>
First Year Writing (FYW 100) or First Year Seminar (FYS 100)	4	FYW 100P is a 6-credit option. There is a Directed Self-Placement questionnaire you can take to aid in this decision; check the RIC First Year Writing website; need grade of B or better in either FYW 100 or FYW 100P
RIC 100 Introduction to Rhode Island College	1	Exempt if taking COLL 101, COLL 150, or HONR 150
FNED 101 Introduction to Teaching and Learning	2	
BIOL 100 Fundamental Concepts of Biology*	4	Prereq. Math Milestone requirement completed. Grade of C or higher in BIOL 100; Satisfies Gen Ed. Natural Science (NS)
MATH 143 Mathematics for ELED Teachers I*	4	Prereq. Math Milestone/Placement Exam. Grade of C or higher in MATH 143
Requirements and GPA		Take/Pass FSEHD Basic skills test. Minimum GPA of 2.75 overall
# CREDITS EARNED	15	Make appointment with advisor in Sept. to discuss your schedule for next semester; once you declare your major you will also be assigned an advisor in that department

<b>SEMESTER 2</b>	<b>CR</b>	<b>SEMESTER 2 CHECKPOINTS</b>
FYS 100 or FYW 100	4	Complete FYS and FYW, for FYW, grade B or better
POL 102 American Government or GEOG 200 World Regional Geography	4	Grade of C or higher in POL 102 or GEOG 200; Satisfies Gen Ed. (SB). If select GEOG 200 must take HIST 107 for Gen Ed History.
FNED 246 Schooling for Social Justice*	4	Prereqs. FNED 101 and FYW with a minimum grade of B, and 12 credits Grade of B – or higher in FNED 246
Major Course: MATH 209 Pre-calculus Mathematics*	4	Prereq. MATH 120 or Placement Exam
SUMMER: Gen Ed: Course Arts (A); History (H); or Literature (L) AND Gen Ed: Second Lang 101 /102 (Based on placement) if needed.	(Su+8)	If needed, to allow to complete in 4.5 years Language placement test (optional)- contact Dept. of Modern Languages
Requirements and GPA		Take/Pass FSEHD Basic skills test if not done. Attend School of Education (FSEHD) orientation for admission: <a href="https://www.ric.edu/department-directory/feinstein-school-education-and-human-development/fsehd-undergraduate-programs-and-admission">https://www.ric.edu/department-directory/feinstein-school-education-and-human-development/fsehd-undergraduate-programs-and-admission</a> . Apply for FSEHD admission at the end of this semester. Contact ELED Dept. Secretary to register for courses. Minimum of 31 earned credits and minimum GPA of 2.75
# CREDITS EARNED	16	Make appointment with advisors in Feb. to discuss your schedule for next semester

<b>SEMESTER 3</b>	<b>CR</b>	<b>SEMESTER 3 CHECKPOINTS</b>
Gen Ed: Second Lang 102 (if needed); or Arts (A); History (H); Literature (L)	4	Complete Second Lang 102* (if needed)
ELED/SPED 202W Teaching All Learners: Foundations and Strategies* (WID)	4	Prereqs. FNED 101, FNED 246 with minimum grade of B-, and admission to School of Ed.
ELED 238 Teaching Functions and Algebra*	2	Prereq. MATH 144 and admission to FSEHD
MATH 144 Mathematics for ELED Teachers II*	4	Prereq. MATH 143 and Math Milestone or appropriate score on the Placement Exam; Grade of C or higher in MATH 144. Satisfies Gen Ed. Mathematics (M)
Major Course: MATH 212 Calculus I*	4	Prereq. MATH 209
Requirements and GPA		Minimum GPA of 2.75; minimum B- in ELED courses
# CREDITS EARNED	18	Make appointment with advisors in Sept. to discuss your schedule for next semester

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<b>SEMESTER 4</b>	CR	<b>SEMESTER 4 CHECKPOINTS</b>
Gen Ed: Arts (A); History (H); or Literature (L)	4	Note suggested courses on page 1 to be able to double-count.
MLED 230 Young Adolescent Development in Social Contexts	4	Also offered over summer
ELED 222 Foundations of Literacy I: Grades 1-3*	3	Prereqs. ELED 202 with a minimum grade of B-
Major Course: MATH 431 Number Theory* or MATH 436 Discrete Mathematics*	3	Prereq. for either is MATH 212
Major Course: MATH 240 Statistical Methods I*	4	Prereq. MATH 120 or consent of chair
Requirements and GPA		Take/Pass Praxis Certification Exams for ELED and Middle School. Minimum GPA of 2.75 overall and 2.50 in the major; minimum B- in ELED courses
# CREDITS EARNED	18	Make appointment with advisors in Feb. to discuss your schedule for next semester

<b>SEMESTER 5</b>	CR	<b>SEMESTER 5 CHECKPOINTS</b>
ELED 248 Teaching Data and Statistics*	2	Prereq. MATH 144 and admission to FSEHD
ELED 324 Foundations of Literacy II: Grades 3-6*	3	Prereq. ELED 222 with a minimum grade of B-
ELED 326 Assessment and Intervention in Literacy: Tier 2*	4	Prereq. ELED 222 with a minimum grade of B-
PSCI 204 Understanding the Physical Universe	4	Prereq. Math Milestone/Placement Exam; Grade of C or higher in PSCI 103
Major Course: MATH 220 Formalizing Math Thought (F)*	4	Prereqs. MATH 143, 144 and 209
Requirements and GPA		Take/Pass Praxis Certification Exams for ELED and Middle School. Minimum GPA of 2.75 overall and 2.50 in the major; minimum B- in ELED courses
# CREDITS EARNED	17	Make appointment with advisors in Sept. to discuss your schedule for next semester

<b>SEMESTER 6</b>	CR	<b>SEMESTER 6 CHECKPOINTS</b>
ELED 330 Physical Sciences for Elementary School Teachers*	2	Admission to FSEHD; offered early Spring
ELED 436 Teaching Social Studies to Diverse Learners*	3	Prereqs. ELED/SPED 202W, ELED 222 and 324; POL 101 or GEOG 200 (and Gen Ed. History).
ELED 437 Elementary School Science and Health*	3	Prereqs. ELED/SPED 202W, ELED 222 and 324; BIOL 100 and PSCI 204, all with minimum grades (see catalog).
MLED 331 Disciplinary Literacies with Young Adolescents*	4	Prereq. MLED 230 or consent of dept. chair
MATH 324 College Geometry*	4	Prereq. MATH 212; satisfies Gen Ed. AQSR
Requirements and GPA		Minimum GPA of 2.75 overall and 2.50 in the major. Grade of B- or higher in all ELED courses
CREDITS EARNED	16	Make appointment with advisors in Feb. to discuss your schedule for next semester

<b>SEMESTER 7</b>	CR	<b>SEMESTER 7 CHECKPOINTS</b>
ELED 438 Teaching Elementary School Mathematics*	3	Prereqs. ELED/SPED 202W, ELED 222 and 324 and Gen Ed. Math, all with minimum grades, see catalog.
TESL 401 Introduction to Teaching Emergent Bilinguals*	4	Prereq. FNED 246
CEP 215 Introduction to Education Psychology	4	Grade of B- or higher
Major Course: MATH 409 Math Problem Analysis (F)*	4	Prereqs. MATH 143, 144 and MATH 209 or consent of chair
Requirements and GPA		Take / Pass Praxis Certification Exams, and a minimum GPA of 2.75 and 2.50 in the major. Grade of B- or higher in all ELED courses. Also, complete Community Service Hours and attend Mandatory Student Teacher Meeting
CREDITS EARNED	15	Make appointment with advisors in Sept. to discuss your schedule for next semester

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<b>SEMESTER 8</b>	CR	<b>SEMESTER 8 CHECKPOINTS</b>
MLED 332 Curriculum and Assessment for Young Adolescents*	4	Prereqs. MLED 230 and MLED 331, or by consent dept. chair
Gen Ed: (C) Connections Course *	4	Prereqs. 45 completed credits and FYW and FYS.
ELED 440 Capstone: STEAM/Project-Based Learning* OR SPED 460 Specialized Language Instruction*	2	Prereq. for ELED 440 is ELED 437 and ELED 438 with a minimum grade of B-, or permission of department chair. Prereq. for SPED 460 is SPED 412 or SPED 412W, or permission of department chair.
SPED 433 Special Education: Best Practices and Applications*	4	Prereq. ELED 202W or SPED 202W. Grade of B- or higher in SPED 433
Gen Ed: Arts (A); History (H); or Literature (L) (SUMMER)	Su4	Completed all Gen Ed. courses; only if needed
Requirements and GPA		All Praxis II required testing completed before end of this semester. All required coursework completed with required minimum grades and required minimum GPA before end of this semester. All applications for student teaching and permit completed before end of this semester. Apply for degree audit online through My RIC. Attend Mandatory Preparing to Teach Portfolio meeting. Submit Preparing to Teach Portfolio. Minimum GPA of 2.75 overall and 2.50 in the major. Grade of B- or higher in all ELED courses.
# CREDITS EARNED	14	Make appointment with advisors in Feb. to discuss your schedule for next semester

<b>SEMESTER 9</b>	CR	<b>SEMESTER 9 CHECKPOINTS</b>
ELED 439 Student Teaching*	3	Prereqs. Completion of all required courses, recommendation and taken concurrent with ELED 469W
ELED 469W Best Practices: Instruction, Assessment, Classroom Management* (WID)	6	Grade of B- or higher in all ELED courses Minimum of 120 earned credits (you will have more than this) Minimum GPA of 2.75
# CREDITS EARNED	12	Attend Grad fest and Commencement

For more information, check the ELED Department website:

<https://www.ric.edu/departments-directory/departments-elementary-education>

**NOTE: The minimum total credit count for the ELED/MATH major is 119 credits, although 20 of those may be offset against Gen Ed. courses (AQSR, A, M, NS, SB), which leaves 20 more credits of Gen Ed. and possibly 9 more depending on secondary language needs and RIC 100. The minimum credit count will be 139 credits (without secondary language and RIC 100). MLED certificate is included in this total.**

Please visit the [ETS Praxis](http://www.ets.org/praxis/ri/) website for test requirements:

<http://www.ric.edu/TeachersAdministrators/EducatorCertification.aspx>

<http://www.ets.org/praxis/ri/>