

ACADEMIC RHODE MAP
BA Elementary Education/Mathematics Major



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 and you may need to take some summer classes to stay on schedule. 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 therefore some courses 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. 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: <http://www.ric.edu/feinsteinSchoolEducationHumanDevelopment/Pages/default.aspx> Maps assume a Fall start. For information about Math Placement exam visit: <http://www.ric.edu/orientation/Pages/Math-Placement.aspx>

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 202 or GEOG 200 (grade of C or higher)
- Completion of 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:

<http://www.ric.edu/feinsteinschooleducationhumandevlopment/documents/Assessment-of-Basic-Skills-Test-Requirements.pdf>

Approved by Department Chair: Patricia Cordeiro Date 5/25/2016
 Approved by Undergraduate Curriculum Committee: Date 5/27/2016

Revised: 6/1/2019

GENERAL EDUCATION: A complete listing of General Education courses can be found at the Office of Academic Support (OASIS) 401 456-8083 or online at <http://www.ric.edu/recordsoffice/Pages/College-Catalog.aspx>; look at catalog for year you enrolled. For General Education 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.** Any courses marked (F) offered Fall only; (Sp) Spring only.

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 210 College Trigonometry* (Sp)
Second Language Requirement- (101 and 102) - Contact Dept. of Modern Languages for Language Placement Test (optional)	FNED 246 Schooling for Social Justice*	MATH 212 Calculus*
	CEP 215 Introduction to Educational Psychology	MATH 220 Formalizing Mathematical Thought* (F)
	ELED /SPED 202 Teaching All Learners: F&S*	
Arts-Visual and Performing (A) ART 210	ELED 222: Foundations of Literacy I: Grades 1-3*	MATH 240 Statistical Methods I *
History (H) (if take GEOG 200; need HIST 107)	ELED 324: Foundations of Literacy II: Grades 3-6*	MATH 324 College Geometry
Literature (L)		
Mathematics (M) MATH 144* (C or higher)	ELED 326 Assessment and Intervention in Literacy: Tier 2*	MATH 409 Mathematical Problem Analysis* (F)
Natural Science (NS) BIOL 100* (C or higher)	ELED 330 Physical Sciences for Elementary School Teachers*	ELED 238 Teaching Functions and Algebra*
Social Behavioral Sciences (SB) POL 202 (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)*
	ELED 438 Teaching ELED Mathematics*	
Connections Course(C)*	ELED 440 Capstone: STEAM/Project-Based Learning*	MLED 230 Young Adolescent Development in Social Contexts
	SPED 433 Special Education: Best Practices and Applications*	ELED 439 Student Teaching in Elementary Schools*
TESL 401 Introduction to Teaching Emergent Bilinguals*	ELED 469 Best Practices: Instruction, Assessment, Classroom, Management*	MLED 332 Curriculum and Assessment for Young Adolescents*



SEMESTER 1	CR	SEMESTER 1 CHECKPOINTS ✓
First Year Writing (FYW 100) or First Year Seminar (FYS 100)	4	<input type="checkbox"/> FYW 100P is a 6 credit option. To decide which to take, check the Directed Self-Placement test at http://www.ric.edu/firstyearwriting/Pages/default.aspx
RIC 100 Introduction to Rhode Island College	1	<input type="checkbox"/> Exempt if taking COLL 101, COLL 150, or HONR 150
FNED 101 Introduction to Teaching and Learning	2	
Major Course: MATH 209 Pre-calculus Mathematics*	4	<input type="checkbox"/> Prereq. MATH 120 or placement exam
MATH 143 Mathematics for ELED Teachers I*	4	<input type="checkbox"/> Prereq. math competency/placement exam <input type="checkbox"/> Grade of C or higher in MATH 143
Requirements and GPA		<input type="checkbox"/> Take/Pass FSEHD Basic skills test <input type="checkbox"/> Minimum GPA of 2.75 <input type="checkbox"/> Math competency completed
# CREDITS EARNED	15	<input type="checkbox"/> 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 and you should see both

SEMESTER 2	CR	SEMESTER 2 CHECKPOINTS ✓
FYS 100 or FYW 100	4	<input type="checkbox"/> Complete FYS and FYW, for FYW, grade B or better
Gen Ed: Second Lang 101 /102 (Based on placement) or if language requirement already satisfied Gen Ed: Arts (A); History (H); or Literature (L).	4	<input type="checkbox"/> Language placement test (optional)- contact Dept. of Modern Languages <input type="checkbox"/> Complete Second Language 101 (if needed)
MATH 144 Mathematics for ELED Teachers II*	4	<input type="checkbox"/> Prereq. Math 143; Grade of C or higher in MATH 144 <input type="checkbox"/> Satisfies Gen Ed. Mathematics (M)
Major Course: MATH 210 College Trigonometry (Sp)*	3	<input type="checkbox"/> Prereqs. MATH 120 or MATH 181 or consent of chair
BIOL 100 Fundamental Concepts of Biology* (SUMMER)	Su+4	<input type="checkbox"/> Prereq. Math competency requirement completed <input type="checkbox"/> Grade of C or higher in BIOL 100; Satisfies Gen Ed. Natural Science (NS) <input type="checkbox"/> Take over summer to stay on track for 4.5 years
Requirements and GPA		<input type="checkbox"/> Take/Pass FSEHD Basic skills test <input type="checkbox"/> Minimum of 32 earned credits <input type="checkbox"/> Minimum GPA of 2.75
# CREDITS EARNED	15 + 4 Su	<input type="checkbox"/> Make appointment with advisors in Feb. to discuss your schedule for next semester

SEMESTER 3	CR	SEMESTER 3 CHECKPOINTS ✓
Major Course: MATH 212 Calculus I*	4	<input type="checkbox"/> Prereq. MATH 209
Major Course: MATH 240 Statistical Methods I*	4	<input type="checkbox"/> Prereq. MATH 120 or consent of chair
FNED 246 Schooling for Social Justice*	4	<input type="checkbox"/> Prereqs. FNED 101 and FYW with a minimum grade of B, and 12 credits <input type="checkbox"/> Grade of B – or higher in FNED 246
POL 201 Development of American Democracy or GEOG 200 World Regional Geography	4	<input type="checkbox"/> Grade of C or higher in POL 201 or GEOG 200; Satisfies Gen Ed. (SB) <input type="checkbox"/> If select GEOG 200 must take HIST 107 for Gen Ed History.
Requirements and GPA		<input type="checkbox"/> Take/Pass FSEHD Basic skills test <input type="checkbox"/> Attend School of Education (FSEHD) orientation for admission http://www.ric.edu/feinsteinSchoolEducationHumanDevelopment/Pages/Admission-Requirements.aspx <input type="checkbox"/> Apply for FSEHD admission at the end of this semester <input type="checkbox"/> Contact ELED Dept. Secretary to register for courses <input type="checkbox"/> Minimum of 48 earned credits <input type="checkbox"/> Minimum GPA of 2.75
# CREDITS EARNED	16	<input type="checkbox"/> Make appointment with advisors in Sept. to discuss your schedule for next semester

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SEMESTER 4	CR	SEMESTER 4 CHECKPOINTS ✓
MLED 230 Young Adolescent Development in Social Contexts	4	<input type="checkbox"/> Also offered over summer
SPED 202: Teaching All Learners: Foundations and Strategies*	4	<input type="checkbox"/> Prereqs. FNED 101, FNED 246 with minimum grade of B-, and admission to School of Ed. ELED 202 (F) is an alternative.
ELED 222: Foundations of Literacy I: Grades 1-3*	3	<input type="checkbox"/> Prereqs. ELED 202 with a minimum grade of B-
ELED 238 Teaching Functions and Algebra*	2	<input type="checkbox"/> Prereq. MATH 144 and admission to FSEHD
Gen Ed: Second Lang 102 (if needed); or Arts (A); History (H); Literature (L)	4	<input type="checkbox"/> Complete Second Lang 102 <input type="checkbox"/> Grade C or better
Gen Ed: Arts (A); History (H); or Literature (L) (SUMMER)	Su4	<input type="checkbox"/> Note suggested courses on page 1 to be able to double-count.
Requirements and GPA		<input type="checkbox"/> Take/Pass Praxis Certification Exams for ELED and Middle School <input type="checkbox"/> Minimum GPA of 2.75; minimum B- in ELED courses
# CREDITS EARNED	17	<input type="checkbox"/> Make appointment with advisors in Feb. to discuss your schedule for next semester

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

SEMESTER 6	CR	SEMESTER 6 CHECKPOINTS ✓
ELED 330 Physical Sciences for Elementary School Teachers*	2	<input type="checkbox"/> Prereq. BIOL 100 with minimum grade of C
ELED 436: Teaching Social Studies to Diverse Learners*	3	<input type="checkbox"/> Prereqs. ELED/SPED 202, ELED 222 and 324; POL 201 or GEOG 200 (and Gen Ed. History).
ELED 437: Elementary School Science and Health*	3	<input type="checkbox"/> Prereqs. ELED/SPED 202, ELED 222 and 324; BIOL 100 and PSCI 204, all with minimum grades (see catalog).
MLED 331 Disciplinary Literacies with Young Adolescents*	4	<input type="checkbox"/> Prereq. MLED 230 or consent of dept. chair
MATH 324 College Geometry*	4	<input type="checkbox"/> Prereq. MATH 212; satisfies Gen Ed. AQSR
Gen Ed: Arts (A); History (H); or Literature (L) (SUMMER)	Su4	<input type="checkbox"/> Note suggested courses on page 1 to be able to double-count.
Requirements and GPA		<input type="checkbox"/> Minimum GPA of 2.75; minimum B- in ELED courses
CREDITS EARNED	16	<input type="checkbox"/> Make appointment with advisors in Feb. to discuss your schedule for next semester

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

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SEMESTER 8	CR	SEMESTER 8 CHECKPOINTS ✓
MLED 332 Curriculum and Assessment for Young Adolescents*	4	<input type="checkbox"/> Prereqs. MLED 230 and MLED 331, or by consent dept. chair
Gen Ed: (C) Connections Course *	4	<input type="checkbox"/> Prereqs. 45 completed credits and FYW and FYS.
ELED 440 Capstone: STEAM/Project-Based Learning*	2	<input type="checkbox"/> Prereqs. ELED 437 and ELED 438 with a minimum grade of B-
SPED 433 Special Education: Best Practices and Applications*	4	<input type="checkbox"/> Prereq. ELED 202 or SPED 202 <input type="checkbox"/> Grade of B- or higher in SPED 433
Gen Ed: Arts (A); History (H); or Literature (L) (SUMMER)	Su4	<input type="checkbox"/> Completed all Gen Ed. courses.
Requirements and GPA		<input type="checkbox"/> All required coursework with required minimum grades and required minimum GPA completed before end of this semester <input type="checkbox"/> All applications for student teaching and permits must be completed before end of this semester Student Teaching <input type="checkbox"/> All Praxis II required testing completed before end of this semester <input type="checkbox"/> Attend Mandatory Preparing to Teach Portfolio meeting <input type="checkbox"/> Submit Preparing to Teach Portfolio to ELED Dept. <input type="checkbox"/> Apply for degree audit online through My RICGrade of B- or higher in all ELED courses <input type="checkbox"/> Minimum GPA of 2.75
# CREDITS EARNED	15	<input type="checkbox"/> Make appointment with advisors in Feb. to discuss your schedule for next semester

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

For more information, check the ELED Department website: www.ric.edu/elementaryEducation/Pages/default.aspx

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 (AQR, 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/>