

BACHELOR OF ARTS
SECONDARY EDUCATION: MATHEMATICS
CURRICULUM WORKSHEET

FALL 2025-SPRING 2026
120 credits
Plan code: EP_SEDC_BA

Student: _____

Student ID: _____ Date Prepared: _____

Advisor: _____

Expected Date of Graduation: _____

Program Requirements:

Course	Title	Comp.	Credits	Grade
URI 101	Planning for Acad. Success		1	
EDC 102* OR EDC 102H*	Intro Amer Education (B4) (C3)		3	
EDC 250	Spv'd. Preprofessional Field Exp.		1	
EDC 312*	Psychology of Learn (A2) (B4)		3	
EDC 331	Clinical Exp. for Sec. Ed. I		1	
EDC 332	Clinical Exp. for Sec. Ed. II		1	
EDC 371	Educational Measurements		3	
EDC 400†	MS Curriculum Asmt & Methods		3	
EDC 402	Educ. of Special Needs Students		3	
EDC 415	Adolescents & Classroom Mgt		3	
EDC 430	Methods & Materials in Sec. Ed		3	
EDC 431	Clinical Exp. for Sec. Education		3	
EDC 448	Literacy Prac. for Content Subjs.		3	

Courses that must be taken prior to Student Teaching (EDC 484 AND 485):

EDC 102, 250, 312, 331, 332, 371, 402, 415, 430, 431, AND 448.

Students in all programs must maintain minimum grade point averages of 2.50 overall, 2.50 in their education major, and 2.50 in their academic major area. To be eligible for student teaching, students must earn a grade of at least a C in EDC 430 and 448.

EDC 484	Practical Teaching Residency II		12	
EDC 485*	Seminar in Teaching (D1)		3	

MATHEMATICS

MTH 141*	Calculus I (A1) (B3)		4	
MTH 142*	Calculus II (A1) (B3)		4	
MTH 215	Introduction to Linear Algebra		3	
MTH 243*	Calc. for Func. of Sev. Vars. (A1) (B3)		3	
MTH 307	Intro. to Mathematical Rigor		3	
MTH 316	Algebra		3	
MTH 322	Concepts of Geometry		3	
MTH 382	Number Theory		3	
MTH 447	Discrete Mathematical Structures		3	
MTH 451	Intro. to Probability & Statistics		3	

In addition to the above, all students are required to take the following concurrently with EDC 430. These courses are required for the secondary education degree in mathematics education.

MTH 391	Special Problems		1	
MTH 420	Re-exam Math Found for Teachers		3	

* May be used as a general education course. Mark **GE** if used as a gen ed (credits cannot count twice).

† Required when pursuing a Middle School Certification Extension

A second major or minor is recommended. See an advisor in your second major/minor for advising. All majors are encouraged to pursue a Middle Level or TESOL/BDL extended certification. See your advisor for Middle Level and TESOL advising.

Electives, Middle Level, or TESOL/BDL courses

Course	Credits	Grade	Course	Credits	Grade

General Education Requirements:

GENERAL EDUCATION GUIDELINES: General education is 40 credits. Each of the 12 outcomes (A1-D1) must be met by at least 3 credits. A single course may meet more than one general education outcome but cannot be double counted towards the 40-credit total. At least one course must be a Grand Challenge (G). No more than 12 credits can have the same course code (note: HPR courses may have more than 12 credits). General education courses may also be used to meet requirements of the major or minor when appropriate.

General Education Credit Count			
At least 40 credits, no more than 12 credits with the same course code			
Course	Cr.	Course	Cr.
Total Gen Ed credits			40

General Education Outcome Audit	
KNOWLEDGE	Course
A1. STEM	
A2. Social & Behavioral Sciences	
A3. Humanities	
A4. Arts & Design	
COMPETENCIES	
B1. Write effectively	
B2. Communicate effectively	
B3. Mathematical, statistical, or computational strategies	
B4. Information literacy	
RESPONSIBILITIES	
C1. Civic knowledge & responsibilities	
C2. Global responsibilities	
C3. Diversity and Inclusion	
INTEGRATE & APPLY	
D1. Ability to synthesize	
GRAND CHALLENGE	
G. Check that at least one course of your 40 credits is an approved "G" course	

NOTE: This worksheet sheet is a snapshot of your entire curriculum. You must work with your advisor each term to discuss requirements to keep you on course for timely progress to complete this major. Official requirements for graduation are listed in the [University Catalog](#).

Bachelor of Arts
Secondary Education: Mathematics

For course descriptions and pre-requisite information, please visit: uri.edu/catalog/

Fall	Spring	Summer	Milestones
Year One			
URI 101 (1) Planning for Academic Success EDC 102 or 102H (3) Intro to Amer. Educ. (C3) (B4) MTH 141 (4) Calculus I (A1) (B3) Gen Ed (or major/minor/ext cert course) Gen Ed (or major/minor/ext cert course) Gen Ed (or major/minor/ext cert course)	EDC 250 (1) Supervised Preprof. Field Exp. (or Fall yr.2) EDC 280 (1) Prep & Career Dev-Math (or Fall yr.2) MTH 142 (4) Calculus II (B3) (A1) Gen Ed (or major/minor/ext cert course) Gen Ed (or major/minor/ext cert course) Gen Ed (or major/minor/ext cert course)	EDC 102 EDC 312	Overall GPA 2.75*, Content GPA 2.5 Complete URI 101 *Admission Requirements: Min. 24 credits, 2.75 GPA & basic competency (passing SAT scores or complete EDC 280 Math, EDC 281 Reading, and/or EDC 282 Writing if needed): See admission requirements Meet with Academic Advisor Complete 30 credits
Year Two			
EDC 250 (1) SPV Preprof. Field Exp. (or Spr yr.1) EDC 280 (1) Prep & Career Dev-Math (or Spr yr.1) EDC 312 (3) The Psychology of Learning (A2) (B4) MTH 215 (3) Introduction to Linear Algebra MTH 243 (3) Calc. for Func. of Sev. Variables (A1) (B3) Gen Ed (or major/minor/ext cert course)	MTH 307 (3) Intro. to Mathematical Rigor MTH 382 (3) Number Theory Gen Ed (or major/minor/ext cert course) Gen Ed (or major/minor/ext cert course) Gen Ed (or major/minor/ext cert course)	Summer option only w/advisor permission.	Overall GPA 2.75* Content GPA 2.5 Declare double major (optional) Complete Praxis CORE Exam-Fall (if needed)* Meet with Academic Advisor Complete 60 credits
Year Three			
EDC 331 (3) Clinical Experience for Secondary Ed. I EDC 371 (3) Educational Measurements EDC 400† (3) MS Curriculum Asmt & Methods MTH 322 (3) Concepts of Geometry MTH 447 (3) Discrete Mathematical Structures	EDC 332 (1) Clinical Experience for Secondary Ed. II EDC 402 (3) The Education of Special Needs Students EDC 448 (2) Literacy Practices for Content Subjects MTH 316 (3) Algebra MTH 451 (3) Intro. to Probability & Statistics		Overall GPA 2.5; Content GPA 2.5* Meet with Academic Advisors (EDC & Content) Attend Student Teaching Info Session Complete Student Teaching Application Rev. Student Teaching & licensure reqs. in your courses Complete 90 credits
Year Four			
EDC 415 (3) Adolescents & Classroom Management EDC 430 (3) Methods & Materials in Secondary Ed. EDC 431 (1) Clinical Exp. for Secondary Education MTH 391 (3) Special Problems MTH 420 (3) Re-examining Math Foundations	EDC 484 (12) Practical Teaching Residency II EDC 485 (3) Seminar in Teaching (D1)		Overall GPA 2.5, Content GPA 2.5* Complete Praxis II or other licensure exams by deadline* Meet with Academic Advisors (EDC & Content) Submit Intent to Graduate forms by Oct. 15

Complete 120 credits

Note: This plan is not intended to be prescriptive. Credits in transfer, as well as summer or j-term coursework, may result in deviations from the above recommendations.

*Review current College of Education admission and program requirements on our website: <http://web.uri.edu/education>

†Required when pursuing a Middle School Certification Extension