

## **BACHELOR OF ARTS SECONDARY EDUCATION: MATHEMATICS CURRICULUM WORKSHEET**

FALL 2023-SPRING 2024
120 credits

Plan code: EP SEDC BA

Student:					Student ID:		Date Prepared:	
Advisor:					Expected Date of Graduat	ion:		
Program Req	uirements:				General Education Requi			
Course	Title	Comp.	Credits	Grade	GENERAL EDUCATION GUID			
URI 101	Planning for Acad. Success		1		of the 12 outcomes (A1-D1)			
EDC 102* OR EDC 102H*	Intro Amer Education (B4) (C	3)	3		course may meet more than double counted towards the			
EDC 250	Spvd. Preprofessional Field Exp		1		Grand Challenge (G). No mo	re than 12 o	credits can have the	e same course
EDC 312*	Psychology of Learn (A2) (B	1)	3		code (note: HPR courses ma			
EDC 331	Clinical Exp. for Sec. Ed. I	1	1		education courses may also	be used to i	meet requirements	of the major or
EDC 332	Clinical Exp. for Sec. Ed. II		1		minor when appropriate.			
EDC 371	Educational Measurements		3		Genera	l Educatio	n Credit Count	
EDC 400†	MS Curriculum Asmt & Method	s	3		At least 40 credits, no mo			a course code
EDC 402	Educ. of Special Needs Student	_	3					1
EDC 415	Adolescents & Classroom Mgt		3		Course C	Cr.	Course	Cr.
EDC 430	Methods & Materials in Sec. Ed		3					
EDC 431	Clinical Exp. for Sec. Education		1					
EDC 448	Literacy Prac. for Content Subje		3					
	nust be taken prior to Student Teac		84 AND	485):				
_	312, 331, 332, 371, 402, 415, 430,			•				
Students in all p	rograms must maintain minimum grade	ooint averag	ges of 2.50	overall,				
	2.50 in their education major, and 2.50 in their academic major area. To be eligible for							
	g, students must earn a grade of at least	a C in EDC 4	30 and 44	8.				
EDC 484	Practical Teaching Residency II		12					
EDC 485*	Seminar in Teaching (D	L)	3					
	MATHEMATICS	1	1 .					
MTH 141*	Calculus I (A1) (B	•	4				Total Gen Ed	40
MTH 142*	Calculus II (A1) (B	3)	4				credits	
MTH 215	Introduction to Linear Algebra		3		General	Education	Outcome Audit	
MTH 243*	Calc. for Func. of Sev. Vars. (A1) (B	3)	3				Course	
MTH 307	Intro. to Mathematical Rigor		3		A1. STEM			
MTH 316	Algebra		3		A2. Social & Behavioral Sciences			
MTH 322	Concepts of Geometry		3		A3. Humanities			
MTH 382	Number Theory		3		A4. Arts & Design			
MTH 447	Discrete Mathematical Structure	5	3		COMPETENCIES			
MTH 451	Intro. to Probability & Statistics		3		<b>B1</b> . Write effectively			
	the above, all students are required vith EDC 430. These courses are req			-	B2. Communicate effectively			
,	ree in mathematics education.	alled for ti	ie secom	uary	B3. Mathematical, statistical, or computational			
MTH 391	Special Problems		1		strategies			
MTH 420	Re-exam Math Found for Teacher	s	3		,	B4. Information literacy		
	ed as a general education course. N			gen ed		RESPONSI		
	nnot count twice).			0	C1. Civic knowledge & re	•	ies	
	when pursuing a Middle School Cert	fication Ex	tension		C2. Global responsibilitie			
A second majo	or or minor is recommended. See	n advisor	in your :	second	C3. Diversity and Inclusion			
major/minor f	or advising. All majors are encour	ged to pu	rsue a N	1iddle	INTEGRATE & APPLY			
Level or TESOL/BDL extended certification. See your advisor for Middle				D1. Ability to synthesize				
Level and ESL advising.				GRAND CHALLENGE				
Electives, Middle Level, or TESOL/BDL courses  G. Check that at least one course of your 40 credits								
Course Credits Grade Course Credits Grade is an approved "G" course								

	Total Gen Ed credits	40						
General Education Outcome Audit								
KNOW	Course							
A1. STEM								
A2. Social & Behavioral Sciences								
A3. Humanities								
A4. Arts & Design								
COMPETENCIES								
B1. Write effectively								
<b>B2</b> . Communicate effectively								
<b>B3</b> . 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								

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: <a href="mailto:uri.edu/catalog/">uri.edu/catalog/</a>

Fall	Spring	Summer	Milestones							
Year One										
URI 101 (1) Planning for Academic Success	EDC 250 (1) Supervised Preprof. Field Exp. (or Fall y	.2) EDC 102	Overall GPA 2.75*, Content GPA 2.5							
EDC 102 <b>or</b> 102H (3) Intro to Amer. Educ. (C3) (B4)	EDC 280 (1) Prep & Career Dev-Math (or Fall y	.2) EDC 312	Complete URI 101							
MTH 141 (4) Calculus I (A1) (B3)	MTH 142 (4) Calculus II (B3) (	(1)	*Admission Requirements: Min. 24 credits, 2.75 GPA &							
Gen Ed (or major/minor/ext cert course)	Gen Ed (or major/minor/ext cert course)		basic competency (passing SAT scores or complete EDC 280 Math, EDC 281 Reading, and/or EDC 282 Writing if needed):							
Gen Ed (or major/minor/ext cert course)	Gen Ed (or major/minor/ext cert course)		See admission requirements							
Gen Ed (or major/minor/ext cert course)	Gen Ed (or major/minor/ext cert course)		Apply to Teacher Education Scholar Program (if elig.)*							
			Meet with Academic Advisor							
15 total credits	15 total credits		Complete 30 credits							
	Year Two									
EDC 250 (1) SPV Preprof. Field Exp. (or Spr yr.1)	MTH 307 (3) Intro. to Mathematical Rigor	Summer option only	Overall GPA 2.75* Content GPA 2.5							
EDC 280 (1) Prep & Career Dev-Math (or Spr yr.1)	MTH 382 (3) Number Theory	w/advisor permission.	Declare double major (optional)							
EDC 312 (3) The Psychology of Learning (A2) (B4)	Gen Ed (or major/minor/ext cert course)		Complete Praxis CORE Exam-Fall (if needed)*							
MTH 215 (3) Introduction to Linear Algebra	Gen Ed (or major/minor/ext cert course)									
MTH 243 (3) Calc. for Func. of Sev. Variables (A1) (B3)	Gen Ed (or major/minor/ext cert course)									
Gen Ed (or major/minor/ext cert course)			Meet with Academic Advisor							
15 total credits	15 total credits		Complete 60 credits							
	Year Three									
EDC 331 (1) Clinical Experience for Secondary Ed. I	EDC 332 (1) Clinical Experience for Secondary Ed. II		Overall GPA 2.5; Content GPA 2.5*							
EDC 371 (3) Educational Measurements	EDC 402 (3) The Education of Special Needs Student	5	Meet with Academic Advisors (EDC & Content)							
EDC 400† (3) MS Curriculum Asmt & Methods	EDC 448 (2) Literacy Practices for Content Subjects		Attend Student Teaching Info Session							
MTH 322 (3) Concepts of Geometry	MTH 316 (3) Algebra		Complete Student Teaching Application							
MTH 447 (3) Discrete Mathematical Structures	MTH 451 (3) Intro. to Probability & Statistics		Rev. Student Teaching & licensure reqs. in your courses							
13 total credits	13 total credits		Complete 90 credits							
Year Four										
EDC 415 (3) Adolescents & Classroom Management	EDC 484 (12) Practical Teaching Residency II		Overall GPA 2.5, Content GPA 2.5*							
EDC 430 (3) Methods & Materials in Secondary Ed.	EDC 485 (3) Seminar in Teaching	01)	Complete Praxis II Exams by deadline*							
EDC 431 (1) Clinical Exp. for Secondary Education			Meet with Academic Advisors (EDC & Content)							
MTH 391 (3) Special Problems			Submit Intent to Graduate forms by Oct. 15							
MTH 420 (3) Re-examining Math Foundations										
11 total credits	15 total credits		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.

<sup>\*</sup>Review current College of Education admission and program requirements on our website: <a href="http://web.uri.edu/education">http://web.uri.edu/education</a>

<sup>†</sup>Required when pursuing a Middle School Certification Extension