## UNIVERSITY <br> OF RHODE ISLAND <br> FEINSTEIN COLLEGE of EDUCATION <br> <br> SECONDARY EDUCATION: MATHEMATICS <br> <br> SECONDARY EDUCATION: MATHEMATICS CURRICULUM WORKSHEET

 CURRICULUM WORKSHEET}
## 120 credits

Plan code: EP_SEDC_BA

Student:

## Advisor:

Program Requirements:

| Course | Title | Comp. Credits | Grade |  |
| :--- | :--- | :---: | :---: | :---: |
| URI 101 | Planning for Acad. Success |  | 1 |  |
| EDC 102* OR <br> EDC 102H* | Intro Amer Education (B4) (C3) |  | 3 |  |
| EDC 250 | Spvd. 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 |  | 1 |  |
| EDC 448 | Literacy Prac. for Content Subjs. |  | 3 |  |
| Cous |  |  |  |  |

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).
$\dagger$ 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 ESL advising.
Electives, Middle Level, or TESOL/BDL courses

| Course | Credits | Grade |
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Student ID: $\qquad$ Date Prepared: $\qquad$
Expected Date of Graduation:

## 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 . |
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|  |  | Total cre | 40 |
| General Education Outcome Audit |  |  |  |
| KNOWLEDGE |  |  |  |
| A1. STEM |  |  |  |
| A2. Social \& Behavioral Sciences |  |  |  |
| A3. Humanities |  |  |  |
| A4. Arts \& Design |  |  |  |
| COMPETENCIES |  |  |  |
| B1. Write effectively |  |  |  |
| B2. Communicate effectively |  |  |  |
| B3. Mathematical, statistical, or computationa 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. MTH 141 (4) Calculus I Gen Ed (or major/minor/ext cert course) Gen Ed (or major/minor/ext cert course) Gen Ed (or major/minor/ext cert course) <br> 15 total credits | EDC 250 (1) Supervised Preprof. Field Exp. (or Fall yr.2) <br> EDC 280 (1) Prep \& Career Dev-Math (or Fall yr.2) <br> MTH 142 (4) Calculus II <br> (B3) (A1) <br> Gen Ed (or major/minor/ext cert course) <br> Gen Ed (or major/minor/ext cert course) <br> Gen Ed (or major/minor/ext cert course) <br> 15 total credits | $\begin{aligned} & \text { EDC } 102 \\ & \text { EDC } 312 \end{aligned}$ | Overall GPA 2.75*, Content GPA 2.5 <br> Complete URI 101 <br> *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 <br> Apply to Teacher Education Scholar Program (if elig.)* Meet with Academic Advisor <br> Complete 30 credits |
| Year Two |  |  |  |
| EDC 250 (1) SPV Preprof. Field Exp. (or Spr yr.1) <br> EDC 280 (1) Prep \& Career Dev-Math (or Spr yr.1) <br> EDC 312 (3) The Psychology of Learning (A2) (B4) <br> MTH 215 (3) Introduction to Linear Algebra  <br> MTH 243 (3) Calc. for Func. of Sev. Variables (A1) (B3)  <br> Gen Ed (or major/minor/ext cert course)  <br> 15 total credits  | 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) <br> 15 total credits | Summer option only w/advisor permission. | Overall GPA 2.75* Content GPA 2.5 <br> Declare double major (optional) <br> Complete Praxis CORE Exam-Fall (if needed)* <br> Meet with Academic Advisor Complete 60 credits |
| Year Three |  |  |  |
| EDC 331 (1) 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 13 total credits | 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 <br> MTH 451 (3) Intro. to Probability \& Statistics 13 total credits |  | Overall GPA 2.5; Content GPA 2.5* <br> Meet with Academic Advisors (EDC \& Content) <br> Attend Student Teaching Info Session <br> Complete Student Teaching Application <br> 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 11 total credits | EDC 484 (12) Practical Teaching Residency II EDC 485 (3) Seminar in Teaching <br> 15 total credits |  | Overall GPA 2.5, Content GPA 2.5* <br> Complete Praxis II Exams by deadline* <br> Meet with Academic Advisors (EDC \& Content) <br> Submit Intent to Graduate forms by Oct. 15 <br> 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

