

## Academic Rhode Map for BS Technology Education Major at Rhode Island College with Concentration in Teaching

- This Rhode Map is a suggested pathway to graduation in 8 semesters
  - There are other valid pathways available to graduation - part time, summer/early spring classes, etc.
- The left column contains the suggested courses for each semester, the right column contains notes for the course and about progress towards graduation
- Some courses might not be offered during the semester shown on the map
  - In these cases, courses listed in future semesters can be substituted if their prerequisites have been satisfied
  - Your advisor can help you determine which courses can be used during your appointment each semester
- This Rhode Map is designed primarily with incoming freshmen in mind and assumes a Fall start
  - Transfer students can also use it as a guide, knowing that their transfer credits may have satisfied some requirements. Academic advisors are available to answer questions about how these will affect the program
  - Students starting in the spring may need to adjust based on class offerings and availability

### GENERAL EDUCATION REQUIREMENTS CHECKLIST

<b>FYW 100</b> – Taken in first year (Cannot be used as elective)	<b>Distribution Courses -</b>  One from each category	<b>Math (M)</b> - Suggested in first year - Satisfied by MATH 139
<b>FYS 100</b> – Taken in first year (Cannot be used as elective)		<b>Arts (A)</b>
		<b>History/Philosophy (HP)</b>
		<b>Literature/Language (LL)</b>
		<b>Natural Science (NS)</b> - Satisfied by PSCI 103
<b>Connections</b> – Taken after FYW & FYS		<b>Social &amp; Behavioral Sciences (SB)</b> - Satisfied by CEP 215
		<b>Elective(s) for 40 total Gen Ed credits (E)</b>

### MAJOR REQUIREMENTS CHECKLIST

CHEM 103 General Chemistry I		TECH 329 Transportation Systems
MATH 120 Intermediate Algebra		TECH 318 Practicum I: Teaching K-6 Technology Education
MATH 139 Math, Data, and the Contemporary Citizen		TECH 406W Methods for Teaching Technical Subjects
PSCI 103 Physical Science		TECH 418 Practicum II: Teaching Secondary Technology Education
TECH 200 Introduction to Technology Systems		
TECH 202W Design Processes (F)		TECH 421 Student Teaching in Technology Education
TECH 204 Energy and Control Systems		TECH 422 Student Teaching Seminar in Technology Education
TECH 216 Computer Aided Design		CEP 215 Introduction to Educational Psychology
TECH 305W Teaching and Learning in Technology Education		FNED 101 Introduction to Teaching and Learning
TECH 306 Automation and Control Systems		FNED 246 Schooling for Social Justice
TECH 326 Communication Systems		SPED 333 Introduction to Special Education
TECH 327 Construction Systems		TESL 401 Introduction to Teaching Emergent Bilinguals
TECH 328 Manufacturing Systems		SPED 433 Adaptation of Instruction for Inclusive Ed <b>OR</b> TESL 402 Application of Second Language Acquisition Theory

#### Graduation Requirements:

- Completion of General Education Requirements – See table above
- Completion of Major Requirements — See table above
- RIC 100 or Equivalent — Taken in first year
- College Math Milestone — Satisfied by placement exam or completion of MATH 010
- College Writing Competency — Satisfied by FYW 100 with a minimum grade of C
- Minimum 120 Credit Hours — At least 30 credits at RIC (of which 15 from major, including 12 at 300 or 400 level)
- Minimum GPA - 2.0 overall

**The total credit count for the major is 92 credits, and 40 credits for General Education. However, 16 Gen. Ed. credits for M, NS, SB and Elective can double count, so the program can be completed in 116 credits.**

## Academic Rhode Map for BS Technology Education Major at Rhode Island College with Concentration in Teaching

<b>SEMESTER 1</b>	<b>CR</b>	<b>SEMESTER 1 NOTES</b>
FYW 100 First Year Writing	<b>4</b>	FYW Directed Self Placement exam
RIC 100 Introduction to Rhode Island College	<b>1</b>	Exempt if taking COLL 101, COLL 150, or HONR 150
General Education Course (Any other than M, SB, or NS)	<b>4</b>	Gen Ed (M) satisfied by MATH 139 Gen Ed (SB) satisfied by CEP 215 Gen Ed (NS) satisfied by PSCI 103
MATH 120 Intermediate Algebra TECH 200 Introduction to Technology Systems	<b>4</b>	Prereq = is Math Milestone or appropriate score on Math Placement Exam
TECH 202W Design Processes	<b>3</b>	Minimum grade of B-
<b>Requirements and GPA</b>		<i>Aim for 15 earned credits (While 12 is fulltime, 15 credits are preferred to stay on track to graduate in 4 years). Math Milestone completed. Minimum 2.75 overall GPA</i>
<b># CREDITS EARNED</b>	<b>16</b>	<i>By October, make appointment with <b>Technology Education advisor</b> to discuss your schedule for next semester</i>

<b>SEMESTER 2</b>	<b>CR</b>	<b>SEMESTER 2 NOTES</b>
FYS 100 First Year Seminar	<b>4</b>	
General Education Course (Any still needed)	<b>4</b>	
FNED 101 Introduction to Teaching and Learning	<b>2</b>	
MATH 139 Math, Data, and the Contemporary Citizen	<b>4</b>	Prereq = Math Milestone or appropriate score on Math Placement Exam Satisfies Gen Ed Mathematics (M)
<b>Requirements and GPA</b>		<i>Aim for minimum of 30 earned credits, with minimum 2.75 overall GPA. Complete Core Academic Skills for Educators (ETS# 5751)</i>
<b># CREDITS EARNED</b>	<b>14</b>	<i>By March, make appointment with Tech Ed advisor to discuss your schedule for next semester</i>

<b>SEMESTER 3</b>	<b>CR</b>	<b>SEMESTER 3 NOTES</b>
General Education Course (Any still needed)	<b>3-4</b>	
PSCI 103 Introductory Physical Science	<b>4</b>	Satisfies Gen Ed-Natural Science (NS)
FNED 246 Schooling for Social Justice	<b>4</b>	Prereq = 12 credits, FYW with minimum grade of B and FNED 101; Need B- minimum in course
TECH 204 Energy and Control Systems	<b>3</b>	Minimum grade of B-
TECH 216 Computer Aided Design	<b>3</b>	Minimum grade of B-
<b>Requirements and GPA</b>		<i>Aim for minimum of 45 earned credits, with minimum 2.75 overall GPA, and 3.0 in Tech Ed major</i>
<b># CREDITS EARNED</b>	<b>17 -18</b>	<i>By October, make appointments with Tech Ed advisor to discuss your schedule for next semester</i>

## Academic Rhode Map for BS Technology Education Major at Rhode Island College with Concentration in Teaching

<b>SEMESTER 4</b>	<b>CR</b>	<b>SEMESTER 4 NOTES</b>
General Education Course (Any still needed)	<b>4</b>	
CHEM 103 General Chemistry I	<b>4</b>	Prereq = Math Milestone
TECH 305W Teaching and Learning in Technology Education	<b>4</b>	Prereqs = TECH 200 and TECH 202 or TECH 202W and minimum of 12 credits in TECH with minimum of 2.75 GPA; minimum grade of B-
TECH 326 Communication Systems	<b>3</b>	Prereq = TECH 200 or TECH 202 or TECH 202W; minimum grade of B-
<b>Requirements and GPA</b>		<i>Apply to Feinstein School of Education (FSEHD). Minimum of 2.75 GPA overall; minimum of B- in Education courses; minimum GPA of 3.0 in Tech Ed major</i>
<b># CREDITS EARNED</b>	<b>15</b>	<i>By March, make appointment in with advisor to discuss your schedule for next semester</i>

<b>SEMESTER 5</b>	<b>CR</b>	<b>SEMESTER 5 NOTES</b>
TECH 327 Construction Systems <b>OR</b> TECH 328 Manufacturing Systems	<b>3</b>	Both prereq = TECH 200 or TECH 202 or TECH 202W; minimum grade of B-
TECH 406W Methods for Teaching Technical Subject	<b>4</b>	Prereqs = TECH 305 or TECH 305W (minimum B-), 18 credits in content areas with a minimum 2.75 GPA.
CEP 215 Introduction to Educational Psychology	<b>4</b>	Minimum grade of B-. Satisfies Gen Ed. Social and Behavioral Science (SB)
SPED 333 Introduction to Special Education	<b>3</b>	Prereq = TECH 300 or TECH 305 or TECH 305W Minimum grade of B-
<b>Requirements and GPA</b>		<i>Minimum of 2.75 GPA overall; minimum of B- in Education courses; minimum GPA of 3.0 in Tech Ed major</i>
<b># CREDITS EARNED</b>	<b>14</b>	<i>By October, make appointment with advisor to discuss your schedule for next semester</i>

<b>SEMESTER 6</b>	<b>CR</b>	<b>SEMESTER 6 NOTES</b>
Gen Ed - Connections	<b>4</b>	Prereqs = FYW and FYS
TECH 318 Practicum I: Teaching K-6 Technology Education	<b>4</b>	Prereq = TECH 305 or TECH 305W, and TECH 406 or TECH 406W (both with minimum B-), Positive recommendation 48 credits Minimum of C all content area courses and minimum GPA of 2.75 Minimum grade of B-
TECH 327 Construction Systems <b>OR</b> TECH 328 Manufacturing Systems	<b>3</b>	Both prereq = TECH 200 or TECH 202; minimum grade of B-
TESL 401 Introduction to Teaching Emergent Bilinguals	<b>4</b>	Prereq = FNED 246
<b>Requirements and GPA</b>		<i>Minimum of 2.75 GPA overall; minimum of B- in Education courses; minimum GPA of 3.0 in Tech Ed major</i>
<b># CREDITS EARNED</b>	<b>15</b>	<i>By March, make appointment with advisor to discuss your schedule for next semester</i>

## Academic Rhode Map for BS Technology Education Major at Rhode Island College with Concentration in Teaching

<b>SEMESTER 7</b>	<b>CR</b>	<b>SEMESTER 7 NOTES</b>
TECH 306 Automation and Control Systems	<b>4</b>	Prereq = any Gen Ed (M) or (NS); minimum grade of B-
TECH 329 Transportation Systems	<b>3</b>	Prereq = TECH 200 or TECH 202 or TECH 202W; and minimum grade of B-
TECH 418 Practicum II Teaching Secondary Technology Education	<b>4</b>	Prereq = TECH 318 with minimum of B- Positive recommendation 55 credits Minimum of C all content area courses and minimum GPA of 2.75 Minimum grade of B Mini-Teacher Candidate Work Sample
SPED 433 Adaptation of Instruction for Inclusive Ed <b>OR</b> TESL 402 Application of Second Language Acquisition Theory	<b>3</b>	Prereq for SPED 433 = SPED 333; minimum grade of B-Prereq for TESL 402 = TESL 401; minimum grade of B-
<b>Requirements and GPA</b>		<i>Minimum of 2.75 GPA overall; minimum of B- in Education courses; minimum GPA of 3.0 in Tech Ed major</i>
<b># CREDITS EARNED</b>	<b>14</b>	<i>By October, make appointment with advisor to discuss your schedule for next semester</i>

<b>SEMESTER 8</b>	<b>CR</b>	<b>SEMESTER 8 NOTES</b>
TECH 421 Student Teaching in the Secondary School (PK-12)	<b>9</b>	Concurrent enrollment in TECH 422 Must have completed all other required courses with a minimum grade of B Recommendation from practicum instructor Completed community service Passing scores on Praxis II Approved mini-teacher candidate work sample, and negative result from tuberculin test.
TECH 422 Student Teaching Seminar in Secondary Education (PK-12)	<b>3</b>	Concurrent enrollment in TECH 421 Must have completed all other required courses.
<b>Requirements and GPA</b>		<i>Need minimum of 120 earned credits (will have more). Completion of all Tech Ed content coursework. Minimum of 2.75 GPA overall; minimum of B- in Education courses. Minimum GPA of 3.0 in Tech Ed major</i>
<b># CREDITS EARNED</b>	<b>12</b>	<i>Attend Grad-fest and Commencement</i>

Approved by Program Director: Charles H. McLaughlin, Jr.

Date: 12/6/2024

Approved by Undergraduate Curriculum Committee

Date: 11/25/2024

Revised: