

Western Connecticut State University Degree Works

Student		College		Hold	
ID		School		Athletics	
Classification		Degree	BS Secondary Education K-12 Mathematics	Full-Time/Part-Time	
Advisor		Major		Catalog Term	FALL 2019
Overall GPA		Concentration		FERPA Indicator	
		Minor			

Legend

<input checked="" type="checkbox"/> Complete	<input type="checkbox"/> Complete except for classes in-progress	<input type="checkbox"/> (TR) Transfer Class
<input type="checkbox"/> Not Complete	<input type="checkbox"/> See Advisor - Nearly Complete	<input type="checkbox"/> @ Any course number
<input type="checkbox"/> IP In-Progress Course		

BS in Secondary Education/Mathematics - 120 Credits

Unmet conditions for this set of requirements: 120 credits are required.

- Minimum credits at WCSU A minimum of 30 credits must be taken at WCSU.
- A minimum cumulative GPA of 3.0 is required When your first term is graded, your cumulative GPA will be calculated. If your cumulative GPA falls below 3.0 it is important to see an advisor to make plans for raising your GPA.
- Foreign Language Requirement See **Foreign Language Requirement** section
- General Education Competency Requirements See **General Education Competency Requirements** section
- General Education Course Requirements See **General Education Course Requirements - Sec Ed MAT** section
- Major Requirements See **Major in Secondary Educ/Mathematics** section
- General Electives See **Sec Ed/Mathematics General Electives - 4 Credit** section

Foreign Language Requirement

- Foreign Language Requirement Complete a foreign language at an elementary II level or above. Students who have completed three years of language in high school with at least a 'C' average have satisfied this requirement. Consult your advisor.

General Education Competency Requirements

Unmet conditions for this set of requirements: Students must complete each of the competencies listed below. In addition, students must complete 3 of the competencies a second time excluding First Year (FY) and WRT 101 (WI).

- General Education Competencies
- Creative Process (CP) 1 to 2 Classes
- Critical Thinking (CT) 1 to 2 Classes

<input type="checkbox"/>	Oral Communication (OC)	1 to 2 Classes
<input type="checkbox"/>	Health and Wellness (HW)	1 to 2 Classes
<input type="checkbox"/>	Scientific Inquiry (SI)	1 to 2 Classes
<input type="checkbox"/>	Intercultural Competence (IC)	1 to 2 Classes
<input type="checkbox"/>	Information Literacy (IL)	1 to 2 Classes
<input type="checkbox"/>	First Year Experience (FY)	1 Class
<input type="checkbox"/>	Culminating Experience (CE)	1 to 2 Classes
<input type="checkbox"/>	Writing Course (WRT 101)	WRT 101
<input type="checkbox"/>	Writing Intensive II (W2)	1 to 2 Classes
<input type="checkbox"/>	Writing Intensive III (W3)	1 to 2 Classes
<input type="checkbox"/>	Quantitative Reasoning (QR)	1 to 2 Classes

General Education Course Requirements - Sec Ed MAT

Unmet conditions for this set of requirements: 40 credits are required.

<input type="checkbox"/>	Writing Course	WRT 101
<input type="checkbox"/>	General Education Cognate Courses (14 S.H.)	
<input type="checkbox"/>	Fine Arts Course with Creative Process (CP)	
<input type="checkbox"/>	Lab Science with Scientific Inquiry (SI)	
<input type="checkbox"/>	American History Elective	HIS 148 or 149
<input type="checkbox"/>	Introduction to Programming	CS 140
<input type="checkbox"/>	23 General Education credits outside major	

Major in Secondary Education/Mathematics

Unmet conditions for this set of requirements: 43 credits are required.

<input type="checkbox"/>	Minimum 3.0 major GPA	
<input type="checkbox"/>	Minimum credits at WCSU	A minimum of 22 credits must be taken at WCSU.

MATHEMATICS MAJOR REQUIREMENTS - must earn C or better in each class

<input type="checkbox"/>	Math Seminar I	MAT 150
<input type="checkbox"/>	Math Seminar II	MAT 151
<input type="checkbox"/>	Foundational Discrete Mathematics	MAT 141
<input type="checkbox"/>	Calculus I	MAT 181

<input type="checkbox"/>	Calculus II	MAT 182
<input type="checkbox"/>	Proofs	MAT 207
<input type="checkbox"/>	Math in the Middle Grades	MAT 212
<input type="checkbox"/>	Introductory Statistics	MAT 222
<input type="checkbox"/>	Foundations of Geometry	MAT 242
<input type="checkbox"/>	Introduction to Linear Algebra	MAT 272
<input type="checkbox"/>	Calculus III	MAT 281
<input type="checkbox"/>	Topics in Geometry	MAT 342
<input type="checkbox"/>	Algebraic Structures	MAT 375
<input type="checkbox"/>	History of Mathematics or Introduction to Analysis	MAT 363 or 383
<input type="checkbox"/>	One Math elective 200-400 level	

Secondary Education Certification Requirements - 37 S.H.

SECONDARY EDUCATION CORE (B or better in all courses)

<input type="checkbox"/>	Introduction to Education	ED 206
<input type="checkbox"/>	Educational Psychology II	ED 212
<input type="checkbox"/>	Health Issues in the Schools	HPX 215

PROFESSIONAL SEMESTER (B or better in all courses)

<input type="checkbox"/>	Introduction to Special Education	EPY 405
<input type="checkbox"/>	Methods of Teaching in the Secondary Schools	ED 385
<input type="checkbox"/>	Secondary Education Professional Development School Experience	ED 386
<input type="checkbox"/>	Integrating Language	ED 440
<input type="checkbox"/>	Teaching Math in Secondary Schools	ED 449

STUDENT TEACHING (COMPLETE AS A BLOCK)

<input type="checkbox"/>	Assessment of Teaching Strategies	ED 340
<input type="checkbox"/>	Student Teaching	ED 342

Notes: