

Western Connecticut State University Degree Works

Student		College		Hold	
ID		School		Athletics	
Classification		Degree	BS Secondary Ed 7-12: Math	Housing Status	
Advisor		Major		Full-Time/Part-Time	
Overall GPA		Concentration		Catalog Term	FALL 2017
		Minor		FERPA Indicator	

Degree Progress

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 Sec Educ/Mathematics Overview - 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"/>	Quantative 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 (19 S.H.)	
<input type="checkbox"/>	Fine Arts Course with Creative Process (CP)	
<input type="checkbox"/>	Lab Science with Scientific Inquiry (SI)	
<input type="checkbox"/>	MIntroductory Statistics	MAT 222*
<input type="checkbox"/>	Intro to Psychology	PSY 100
<input type="checkbox"/>	American History Elective	HIS 148 or 149
<input type="checkbox"/>	Introduction to Programming	CS 140*
<input type="checkbox"/>	18 General Education credits outside major requirement	

Major in Secondary Educ/Mathematics

Unmet conditions for this set of requirements: 74 credits are required.

<input type="checkbox"/>	Minimum 3.0 major GPA	
<input type="checkbox"/>	Minimum credits at WCSU	A minimum of 37 credits must be taken at WCSU.
<input type="checkbox"/>	MATHEMATICS MAJOR REQUIREMENTS	
<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"/>	Foundations of Geometry	MAT 242
<input type="checkbox"/>	Introduction to Linear Algebra	MAT 272*
<input type="checkbox"/>	Topics in Geometry	MAT 342*
<input type="checkbox"/>	Algebraic Structures	MAT 375*
<input type="checkbox"/>	Mathematical Modeling, Solving Problems or Applied Mathematics	MAT 250* or 251* or 332*
<input type="checkbox"/>	2 Directed Math Electives	MAT 212*, 281*, 363* or 383*
<input type="checkbox"/>	Mathematics Electives	MAT 185* or 212* or 250* or 251* or 282* or 298 or 299 or 332* or 351 or 359* or 363* or 383* or 467
<input type="checkbox"/>	Secondary Education Certification Requirements	See Secondary Education Certification Requirements section

Secondary Education Certification Requirements

<input type="checkbox"/>	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
<input type="checkbox"/>	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
<input type="checkbox"/>	STUDENT TEACHING (COMPLETE AS A BLOCK)	
<input type="checkbox"/>	Assessment of Teaching Strategies	ED 340
<input type="checkbox"/>	Student Teaching	ED 342

Sec Ed/Mathematics General Electives - 6 Credit

<input type="checkbox"/>	6 General Elective Credits
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Notes: