

Western Connecticut State University Degree Works

Student		College		Hold	
ID		School		Athletics	
Classification		Degree	BS Secondary Education 7-12: Chemistry	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 Sec Educ/Chemistry 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 Che** section
- Major Requirements See **Major in Secondary Educ/Chemistry** section
- General Electives See **Sec Ed/Chemistry General Electives - 4 Credits** 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 Che

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

<input type="checkbox"/>	Writing Course	WRT 101
<input type="checkbox"/>	Secondary Education Cognate Courses (14 S.H.)	
<input type="checkbox"/>	General Physics I	PHY 110
<input type="checkbox"/>	General Physics II	PHY 111
<input type="checkbox"/>	Any Fine Arts Course	1 Fine Arts Class
<input type="checkbox"/>	American History I or II	HIS 148 or 149
<input type="checkbox"/>	23 General Education credits outside major	

Major in Secondary Education/Chemistry

Unmet conditions for this set of requirements: 76 credits are required.

<input type="checkbox"/>	Minimum 3.0 major GPA	
<input type="checkbox"/>	Minimum credits at WCSU	A minimum of 36 credits must be taken at WCSU.

CHEMISTRY MAJOR REQUIREMENTS - 41 credits

<input type="checkbox"/>	General Chemistry I	CHE 110
<input type="checkbox"/>	General Chemistry II	CHE 111
<input type="checkbox"/>	Analytical Chemistry Lecture	CHE 205
<input type="checkbox"/>	Analytical Chemistry Lab	CHE 206
<input type="checkbox"/>	Organic Chemistry I	CHE 210

<input type="checkbox"/>	Organic Chemistry II	CHE 211
<input type="checkbox"/>	2 Chemistry Seminars	CHE 250
<input type="checkbox"/>	Physical Chemistry I	CHE 300
<input type="checkbox"/>	Physical Chemistry II	CHE 301
<input type="checkbox"/>	Biochemistry II	CHE 421
<input type="checkbox"/>	Calculus I	MAT 181
<input type="checkbox"/>	Calculus II	MAT 182
<input type="checkbox"/>	Biochemistry	CHE 421

Secondary Education Certification Requirements

SECONDARY EDUCATION CORE (B or better in all courses) - 35 credits

<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 Science in Secondary Schools	ED 442

STUDENT TEACHING (COMPLETE AS A BLOCK)

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

General Electives - 4 Credits

<input type="checkbox"/>	4 General Elective Credits	
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Notes: