

# Western Connecticut State University Degree Works

<b>Student</b>		<b>College</b>		<b>Hold</b>	
<b>ID</b>		<b>School</b>		<b>Athletics</b>	
<b>Classification</b>		<b>Degree</b>	BS Meteorology	<b>Housing Status</b>	
<b>Advisor</b>		<b>Major</b>		<b>Full-Time/Part-Time</b>	
<b>Overall GPA</b>		<b>Concentration</b>		<b>Catalog Term</b>	FALL 2017
		<b>Minor</b>		<b>FERPA Indicator</b>	

## Legend

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

## BS in Meteorology Overview - 120 Credits

<b>Unmet conditions for this set of requirements:</b>	120 credits are required.
<input type="checkbox"/> Minimum credits at WCSU	A minimum of 30 credits must be taken at WCSU. You have 0 but still need 30 credits.
<input type="checkbox"/> A minimum cumulative GPA of 2.0 is required	When your first term is graded, your cumulative GPA will be calculated. If your cumulative GPA falls below 2.0 it is important to see an advisor to make plans for raising your GPA.
<input type="checkbox"/> General Education Competency Requirements	See <b>General Education Competency Requirements</b> section
<input type="checkbox"/> General Education Course Requirements	See <b>General Education Course Req. Including Cognates</b> section
<input type="checkbox"/> Major Requirements	See <b>Major in Meteorology</b> section
<input type="checkbox"/> General Electives	See <b>General Electives - Meteorology</b> section

## General Education Competency Requirements

<b>Unmet conditions for this set of requirements:</b>	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).
<input type="checkbox"/> General Education Competencies	
<input type="checkbox"/> Creative Process (CP)	1 to 2 Classes
<input type="checkbox"/> 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 Req. Including Cognates**

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

<input type="checkbox"/>	WRITING COURSE (3 S.H.)	WRT 101
<input type="checkbox"/>	METEOROLOGY COGNATE REQUIREMENTS (12 -15 S.H.)	
<input type="checkbox"/>	MAT 181 <i>or</i> MAT 170 and MAT 171	
<input type="checkbox"/>	Calculus I	MAT 181 <i>or</i>
<input type="checkbox"/>	Calculus with pre-calculus	MAT 170 and 171
<input type="checkbox"/>	General Chemistry I	CHE 110
<input type="checkbox"/>	General Chemistry II	CHE 111
<input type="checkbox"/>	22-25 CREDITS IN CLASSES OUTSIDE MAJOR	

**Major in Meteorology**

**Unmet conditions for this set of requirements:** 69-70 credits are required.

<input type="checkbox"/>	Minimum 2.0 major GPA	
<input type="checkbox"/>	Minimum credits at WCSU	A minimum of 35 credits must be taken at WCSU.

**MATH & COMPUTER SCIENCE CORE**

<input type="checkbox"/>	Introduction to Programming or Visual Basic	CS 140 or 143
<input type="checkbox"/>	Elementary Statistics	MAT 120
<input type="checkbox"/>	Calculus II	MAT 182
<input type="checkbox"/>	Calculus III	MAT 281
<input type="checkbox"/>	Ordinary Differential Equations	MAT 282

**PHYSICS CORE**

<input type="checkbox"/>	General Physics I	PHY 110
<input type="checkbox"/>	General Physics II	PHY 111

**EARTH & PLANETARY SCIENCES CORE**

<input type="checkbox"/>	Intro to Physical Oceanography	ES 210
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<input type="checkbox"/>	General Astronomy or Physical Geology	AST 150 or ES 110
<input type="checkbox"/>	<b>METEOROLOGY CORE</b>	
<input type="checkbox"/>	Meteorology	MTR 150
<input type="checkbox"/>	Weather Analysis and Forecasting I	MTR 230*
<input type="checkbox"/>	Weather Analysis and Forecasting II	MTR 231
<input type="checkbox"/>	Climatology	MTR 240
<input type="checkbox"/>	Atmospheric Thermodynamics	MTR 310
<input type="checkbox"/>	Atmospheric Dynamics	MTR 311
<input type="checkbox"/>	Mesoscale Meteorology & Numerical Forecasting	MTR 340
<input type="checkbox"/>	Meteorological Instrumentation	MTR 430
<input type="checkbox"/>	Atmospheric Physics & Remote Sensing	MTR 440
<input type="checkbox"/>	Internship or Senior Research	MTR 370 or 450
<input type="checkbox"/>	<b>General Electives - Meteorology</b>	
<input type="checkbox"/>	10 -11 General Elective Credits	

**Notes:**