Western Connecticut State University Degree Works

Student		College		Hold	
ID		School		Athletics	
Classification		Degree	BA Mathematics	Housing Status	
Advisor		Major		Full-Time/Part-Time	
Overall GPA		Concentration		Catalog Term	FALL 2017
		Minor		FERPA Indicator	

Legend

✅	Complete	≈	Complete except for classes in-progress	(TR)	Transfer Class
☐	Not Complete	≈	See Advisor - Nearly Complete	@	Any course number
IP	In-Progress Course				

☐ BA in 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 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.
☐	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 Req. Including Cognates** section
☐	Major Requirements	See **Major in Mathematics** section
☐	General Electives	See **General Electives** 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

☐	Oral Communication (OC)	**1 to 2** Classes
☐	Health and Wellness (HW)	**1 to 2** Classes
☐	Scientific Inquiry (SI)	**1 to 2** Classes
☐	Intercultural Competence (IC)	**1 to 2** Classes
☐	Information Literacy (IL)	**1 to 2** Classes
☐	First Year Experience (FY)	**1** Class
☐	Culminating Experience (CE)	**1 to 2** Classes
☐	Writing Course (WRT 101)	**WRT** 101
☐	Writing Intensive II (W2)	**1 to 2** Classes
☐	Writing Intensive III (W3)	**1 to 2** Classes
☐	Quantative Reasoning (QR)	**1 to 2** Classes

■ General Education Course Req. Including Cognates

Unmet conditions for this set of requirements:	40 credits are required.
☐ WRITING COURSE (3 S.H.)	**WRT** 101
☐ MATHEMATICS COGNATE REQUIREMENTS (11 - 12 S.H.)	
☐ Lab Science Requirement	
☐ Intro to Prog or Visual Basic	**CS** 140* or 143
☐ 25 - 26 CREDITS IN CLASSES OUTSIDE MAJOR	

■ Major in Mathematics

Unmet conditions for this set of requirements:	45 credits are required.
☐ Minimum 2.0 major GPA	
☐ Minimum credits at WCSU	A minimum of 23 credits must be taken at WCSU.
☐ MATHEMATICS MAJOR CORE	
☐ Mathematics Seminar I	**MAT** 150*
☐ Mathematics Seminar II	**MAT** 151
☐ Calculus II (C or better)	**MAT** 182*
☐ Proofs (C or better)	**MAT** 207*
☐ Introduction to Linear Algebra (C or better)	**MAT** 272*
☐ Calculus III (C or better)	**MAT** 281*
☐ Algebraic Structures (C or better)	**MAT** 375*
☐ Senior Seminar Experience	**MAT** 453

☐	GENERAL MATH OPTION	
☐	Foundational Discrete Mathematics (C or better)	**MAT** 141*
☐	Mathematics with Sympolic Computation	**MAT** 185*
☐	Introductory Statistics	**MAT** 222*
☐	Differential Equations	**MAT** 282*
☐	Introduction to Applied Mathematics (C or better)	**MAT** 332*
☐	Introduction to Mathematical Analysis (C or better)	**MAT** 383*
☐	Topics Sequence Elective	**MAT** 467
☐	Department Approved Elective **MAT** 250* or 251* or 298 or 299 or 342* or 351 or 359* or 363*	

☐	**General Electives**	
☐	MAT 181 or MAT 170 and MAT 171	Choose from 1 of the following:
☐	Calculus I	**MAT** 181*
☐	Calculus with pre-calculus	**MAT** 170* and 171*
☐	Math General Electives 28 - 31 Credits	

Notes: