

DEPARTMENT OF MATHEMATICS BACHELOR OF SCIENCE APPLIED MATHEMATICS FOUR-YEAR ACADEMIC ROADMAP

Students should meet with their academic advisor to formulate an individualized plan. Students with more than one program should communicate with their advisor prior to enrollment. Select upper-division major electives in consultation with a Mathematics faculty mentor.

YEAR 1	Fall Quarter	Winter Quarter	Spring Quarter
	UNIV 101 Transition to CWU	K1: Academic Writing II (ex. ENG102)	K4: Global Dynamics (ex. RELS 103)
	SOC 107 Principles of Sociology	K2: Comm, Culture, Citizenship (ex. LAJ102)	K5: Humanities (ex. HIST 102)
	Academic Writing I (ex. ENG101)	MATH 153 PreCalculus I	MATH 154 PreCalculus II
	MATH 152* Functions and Reasoning		
Total Quarter Credits	16	Total Quarter Credits	15

YEAR 2	Fall Quarter	Winter Quarter	Spring Quarter
	K8: Science & Technology (ex. ENST202)	MATH 173 Calculus II	2 nd Program / General Elective
	MATH 172 Calculus I	K3: Creative Expression (ex. MUS103)	MATH 272 Multivariable Calculus I
	2 nd Program / General Elective	K7: Phys and Nat World (ex. PHYS101)	MATH 265 Linear Algebra I
		2 nd Program / General Elective	MATH 207 Math Honors Seminar
Total Quarter Credits	15	Total Quarter Credits	15

YEAR 3	Fall Quarter	Winter Quarter	Spring Quarter
	MATH 273 Multivariable Calculus II	MATH 376 Differential Equations I	MATH 377 Differential Equations II
	Math Elective (consider MATH 260 or MATH 330)	MATH 314 Probability and Statistics	MATH 372 Complex Analysis
	2 nd Program / General Elective	2 nd Program / General Elective	MATH 309 Mathematical Computing
		2 nd Program / General Elective	2 nd Program / General Elective
Total Quarter Credits	15	Total Quarter Credits	15

YEAR 4	Fall Quarter	Winter Quarter	Spring Quarter
	MATH 475 Mathematical Modeling I	MATH 476 Numerical Methods	MATH 407 Math Honors Seminar
	Math Elective (consider MATH 410A)	MATH 499S Senior Seminar	
	2 nd Program / General Elective	2 nd Program / General Elective	2 nd Program / General Elective
	2 nd Program / General Elective	2 nd Program / General Elective	2 nd Program / General Elective
Total Quarter Credits	15	Total Quarter Credits	15
			Total Credits: 181

***This roadmap assumes placement into MATH 152. Your advisor will help you create a suitable first-year Math sequence to set you up for success for a different initial placement.**

Suggested Second Programs: Physics, Chemistry, Computer Science, STEM Teaching Program

Department Webpage



CWU Course Catalog



General Education

