



Department of Physics

Bachelor of Arts

Four-Year Academic Road Map

Sample only— academic advisors will help create an individualized plan. Students with more than one program should communicate with their advisor prior to enrollment. *Upper-division major electives should be selected in consultation with departmental faculty mentors.

	Fall Quarter	Winter Quarter	Spring Quarter
YEAR 1	UNIV 101 Transition to CWU	K1 Academic Writing II (ex: ENG 111)	K2 Cmty. Cult. & Citizenship (ex: WGSS 201)
	MATH 172 Calculus I	MATH 173 Calculus II	MATH 272 Multivariable Calculus I
	PHYS 181 General Physics I	PHYS 182 General Physics II	PHYS 183 General Physics III
	ENG 101 Academic Writing I		
	Total Quarter Credits 16	Total Quarter Credits 15	Total Quarter Credits 15
YEAR 2	MATH 273 Multivariable Calculus II	MATH 265 Linear Algebra	PHYS 331 Lab Practices
	PHYS 317 Modern Physics I	PHYS 318 Modern Physics II	K4 Global Dynamics (ex: HIST 103)
	PHYS 363 Optics	PHYS 289 Physics Major Intro	K5 Humanities (ex: PHIL 104)
		K6 Individual & Society (ex: PHYS 213)	Elective/2 nd Program course
	Total Quarter Credits 13	Total Quarter Credits 13	Total Quarter Credits 16
YEAR 3	PHYS 333 Experimental Physics	PHYS 361 Computational Physics	PHYS 495 Undergraduate Research
	CHEM 181 General Chemistry I (K7)	CHEM 182 General Chemistry II	K8 Science & Technology (ex: PHYS 304)
	CHEM 181Lab General Chemistry Lab I	CHEM 181Lab General Chemistry Lab I	Elective/2 nd Program course
	K3 Creative Expression (ex: MUS 103)	Elective/2 nd Program course	Elective/2 nd Program course
	Elective/2 nd Program course		
Total Quarter Credits 16	Total Quarter Credits 14	Total Quarter Credits 15	
YEAR 4	PHYS Elective (ex: PHYS 381)	PHYS 489 Senior Assessment	Elective/2 nd Program course
	Elective/2 nd Program course	PHYS Elective (ex: PHYS 382)	Elective/2 nd Program course
	Elective/2 nd Program course	Elective/2 nd Program course	Elective/2 nd Program course
		Elective/2 nd Program course	Elective/2 nd Program course
	Total Quarter Credits 15	Total Quarter Credits 16	Total Quarter Credits 16
			Total Credits: 180

*Assumes placement into MATH 172. If placement requirements are not met, your advisor will help you create a suitable first-year Math sequence to set you up for success.

Suggested second programs: STEM Teaching, Applied Math, Chemistry, Biology, Mechanical Engineering Tech

Department Webpage



CWU Course Catalog



General Education



General Degree Requirements

