

Physics Department

TENTATIVE 2015-2019 QUARTERLY UNDERGRADUATE OFFERINGS

KEY: x = Ellensburg In-Class; o - Online Course; DE = Distance Education/ITV Course

L = Lynnwood Center; DM = Des Moines Center; E = Everett Campus; P = Pierce Campus; M = Moses Lake Center; W = Wenatchee Center; Y = Yakima Center

x2 = 2 Ellensburg In-Class sections; o3 = 3 Online sections; xL = 1 In-Class section at Lynnwood Center; DE: L,DM,E = 1 DE section in Lynnwood, Des Moines, and Everett

Highlighted courses are offered every other year. * = proposed new course

Due to fluctuations in enrollment numbers, this sheet is a guide (not a guarantee) for course/section number offerings.

Class	Credits	2017				2018				2019				2020			2021		2022
		Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Fall	Winter	Spring
PHYS 101 Intro Astronomy	5	X			O2	X		O	O2	X, O			O2	X		O			O
PHYS 102 Intro Astronomy II	4			X				X				X				X			X
PHYS 103 Physics of Musical Sound	5	X			O		X		O		X		O		X			X	
PHYS 106 Physics by Inquiry	5	X	X			X	X			X	X			X	X			X	X
PHYS 108 Light and Color	4						X				X				X			X	
PHYS 110	1	O3	O		O	O3	O		O	O3	O		O	O3	O		O3	O	
PHYS 111 Intro Physics I	5	X, O	O		O	X, O	O		O	X, O	O		O	X, O	O		X, O	O	
PHYS 112 Intro Physics II	5		X, O				X, O				X, O			X, O			X, O		
PHYS 113 Intro Physics III	5			X, O				X, O				X, O				X, O			X, O
PHYS 121 Physics for Life Sciences I	5	X				X2				X2				X2			X2		
PHYS 122 Physics for Life Sciences II	5		X				X				X				X			X	
PHYS 123 Physics for Life Sciences III	5			X				X				X				X			X
PHYS 181 General Physics I	5	X3	X			X3	X			X3	X			X3	X			X3	X
PHYS 182 General Physics II	5		X2	X			X2	X			X2	X			X2	X			X2
PHYS 183 General Physics III	5	X		X2		X		X2		X		X2		X		X2			X2
PHYS 201 Observational Techniques	3							X											X
PHYS 301 Stellar Astrophysics I	3					X										X			
PHYS 302 Stellar Astrophysics II	2						X										X		
PHYS 310 Analytical Methods in Physics*	3							X											X
PHYS 317 Modern Physics I	4		X				X					X				X			
PHYS 318 Modern Physics II	4			X				X				X				X			X
PHYS 320/321 Electric Circuits+Lab	5			X				X				X				X			X
PHYS 322 Molecular Biophysics	4		X								X								
PHYS 323 Experimental Biophysics	4			X								X							
PHYS 331 Lab Practices+Techniques	3	X2				X				X2					X				
PHYS 333/334 Experimental Physics	3		X				X				X					X			
PHYS 342 Thermodynamics	4			X				X				X				X			X
PHYS 351 Analytical Mechanics I	3	X				X				X					X				
PHYS 352 Analytical Mechanics II	3		X				X				X					X			X
PHYS 361 Computational Physics	4			X				X				X							X
PHYS 363 Optics	4	X				X				X					X				
PHYS 381 Electromagnetic Theory I	4	X				X				X					X				
PHYS 382 Electromagnetic Theory II	4		X				X				X					X			X
PHYS 383 Electromagnetic Theory III	4			X				X				X							X
PHYS 421 Planetary physics	3						X									X			
PHYS 433 Experimental Atomic Physics	3			X								X							
PHYS 441 Solid State Physics	4							X											X
PHYS 454 Acoustics	4					X								X					
PHYS 461 Adv Computational Physics	4			X						X									
PHYS 463 Lasers	4																		
PHYS 474 Quantum Mechanics I	4		X				X				X					X			
PHYS 475 Quantum Mechanics II	4			X								X							
PHYS 489 Senior Assessment	1			X				X				X							X
PHYS 499 Physics Seminar	1			X				X				X							X
PHYS 292/392/492	2	X				X	X			X				X			X	X	