

## **Physics, BS**

	FALL					SPRING					
Course	Course Title	USP	Credit	Min	Grade	Course	Course Title	USP	Credit	Min	Grade
Number	Course Title	051	Credit	Grade		Number		CSI	Crean	Grade	Grade
MATH 2200	Calculus I	Q	4	C	ESHM	AN YEAR MATH 2205	Calculus II	Q	4	С	
Prerequisite:	C in Math 1405 or 1450, MPE 5, Ma	-			,	Prerequisite:	C in Math 2200	Q	4	C	
PHYS 1210	Engineering Physics I	<u> </u>	4	D		PHYS 1220	Engineering Physics II		4	D	
Prerequisite:	C in MATH 2200 -Concurrent in MAT	TH 2205	•			Prerequisite:	C in MATH 2205 -Concurrent in M.	ATH 2210			
1	USP: Communications I	C1	3	С			USP: Communications II	C2	3	С	
		-				Prerequisite:	C in C1				
	USP: Physical/Nat. World	PN	4	D			USP: Physical/Nat. World	PN	4	D	
Prerequisite:	Varies					Prerequisite:	Varies				
	Total		15			•	Total		15		
				SOP	HOM	ORE YEAL	R				
MATH 2210	Calculus III		4	D		MATH 2250	Elementary Lin. Algebra		3	D	
Prerequisite:	C in MATH 2205					Prerequisite:	C in MATH 2200				
PHYS 3000	Methods of Physics		4	D		PHYS 2320	Physics IV: Modern Physics		3	C	
Prerequisite:	PHYS 1220					Prerequisite:	PHYS 1220				
PHYS 2310	Physics III: Waves & Optics		4	D	]	PHYS 4210	Classical Mechanics I		3	D	
Prerequisite:	PHYS 1220					Prerequisite:	PHYS 2310 and MATH 2210				
PHYS 4830	Math. & Compu. Physics I	FIL 2212	3	D			USP Human Culture	Н	3	C	
Prerequisite:	PHYS 2310 or PHYS 2320 and MATE	Н 2210, Л	иАТН 22	250, MATH	2310		Habita o May a	**		-	
							USP US & WY Constitution	V	3	C	
	Total		15				Total		15		
	10tal		13			R YEAR	ı otal		13		
MATH 2310	Applied Diff. Equations I		3	D	UNIU	PHYS 3650	Adv. Lab/Mod. Phys. & Ele	C3	4	С	
Prerequisite:	C in MATH 2205		J	ט		Prerequisite:	C in C2, PHYS 2310 or PHYS 2320		7		
PHYS 3640	Modern Elec. & Exper Techni	iaues	4	D		PHYS 4420	Elec. And Magnetism II		3	D	
Prerequisite:	PHYS 2320	1				Prerequisite:	PHYS 4410				
PHYS 4310	Quantum Mechanics		3	D		PHYS 4840	Math. &Comp. Physics II		4	D	
Prerequisite:	PHYS 4210					Prerequisite:	MATH 2210, PHYS 2320 and PHY	S 3000			
PHYS 4410	Electricity and Magnetism I		3	D			Diversity or General Elective		3	D	
Prerequisite:	PHYS 2310 and MATH 2210						•				
·	USP Human Culture	Н	3	D							
	Total		16				Total		14		
				S	<b>ENIO</b>	R YEAR					
PHYS 4510	Thermodyn. & Stat. Mechanic	CS	3	D		PHYS	Upper Div Physics Elective		3	D	
Prerequisite:	C in PHYS 4310					Prerequisite:	Varies				
<u> </u>	Global or General Elective		3	D		i i	General Elective		3	D	
1						Prerequisite:	Varies				
	General Elective		3	D			General Elective		3	D	
1						Prerequisite:					
	General Elective		3	D			General Elective		4	D	
						Prerequisite:					
	Upper Division General Elect	ive	3	D			Upper Division General Elec	ctive	2	D	
	Total		15			-	Total		15		
							<b>Total Program Credits:</b>		<u>120</u>		

## Fall only or spring only course

- •A minimum of 120 hours is required. A minimum of 42 hours must be upper division. 30 hours of upper division must be completed at UW. For PHYS 1210 the prerequisite of MATH 2200 is waived and concurrent enrollment is approved for Physics Majors. For PHYS 1220, the prerequisite of MATH 2205 is waived and concurrent enrollment is approved for Physics Majors.

- CHEM 1020 is recommended for a PN course. If 3-credit PN courses are selected, additional General Electives hours will be required.
- Degree candidates must meet the academic requirements of the university, and must have a minimum GPA of 2.0
- Students may not take a course for S/U credit to satisfy any requirement, unless the course is offered for S/U credit only.

2023-2024 Catalog Year