

2025-2026 Program Map – BS Physics- Concentration in Battery Technology and Sustainable Energy				
YEAR 1				
TERM 1			TERM 2	
Course	Credits		Course	Credits
ENGL 1101	3		ENGL 1102	3
MATH 1113	4		MATH 1634	4
Core (Area I)	3		CHEM 1211/1211L	4
(Area I) XIDS 2001 (The Physical Universe)	1		Core (Area I, A, P, S) (HIST 2211 or 2212)	3
UWG 1101	2		Core (Area I, A, P, S)	3
Core (Area I, A, P, S) (HIST 1111 or 1112)	3			
SEMESTER TOTAL	16		SEMESTER TOTAL	17
Milestones			Milestones	
<ul style="list-style-type: none"><li>Complete ENGL 1101 C or better</li><li>Complete Area M Math</li></ul>		<ul style="list-style-type: none"><li>Complete ENGL 1102 C or better</li><li>Complete Calculus I over the summer in order to start PHYS sequence in the fall, if needed.</li></ul>		
YEAR 2				
TERM 1			TERM 2	
Course	Credits		Course	Credits
PHYS 2211/2211L	4		PHYS 2212/2212L	4
MATH 2644	4		MATH 3303	3
CHEM 1212/1212L	4		MATH 2654	4
Core (Area I, A, P, S) (POLS 1101)	3		PHYS 3513	3
SEMESTER TOTAL	15		SEMESTER TOTAL	14
Milestones			Milestones	
		<ul style="list-style-type: none"><li>Complete Principles of Physics sequence</li><li>Complete Math up to ODE</li></ul>		

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YEAR 3				
TERM 1			TERM 2	
Course	Credits		Course	Credits
PHYS 3503	3		PHYS 3213	3
PHYS 3113	3		PHYS 3313	3
Core (Area I, A, P, S)	3		CHEM 3310K (or MATH 2853)	4
PHYS elective	3		PHYS 3613	3
CHEM 3510 (or MATH 2853)	3		PHYS elective	3
SEMESTER TOTAL	15		SEMESTER TOTAL	16
Milestones			Milestones	
YEAR 4				
TERM 1			TERM 2	
Course	Credits		Course	Credits
PHYS 3813	3		PHYS 4624	4
Core (Area I, A, P, S)	3		Elective	3
PHYS elective	3		PHYS elective	3
Elective	3		Elective	3
Elective	3		Elective	1
SEMESTER TOTAL	15		SEMESTER TOTAL	14
Milestones			Milestones	

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