

# Physics Education Roadmap

<b>Program</b>	<b>Bachelor of Science: Physics Education</b>
<b>Total Credits</b>	120
<b>Catalog</b>	2022-2023

*The plan below is **one** of several possible ways for you to complete this degree.*

*Your individualized plan may look different if you have already fulfilled some requirements.*

*Your Financial Aid Award may require additional term credits for full-time funding.*

*You must complete all university and program requirements successfully to complete this degree (GPA, 120 credits, LASC, WI, residency)*

Curriculum	Course	Course Title	Credits	Take When	Total Credits
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120.00

**1st Year**

Core Requirement:	LASC 3	PHYS 200	Physics I with Calculus and Lab	4.00	1st Fall	15.00
Related Requirement:	LASC 4	MATH 261	Calculus I	4.00	1st Fall	
	First-Year Experience Course	FYE 101	First Year Experience	1.00	1st Fall	
	LASC 1B	ENGL 101	English Composition	3.00	1st Fall	
Secondary Ed:		ED 205	Introduction to Education	3.00	1st Fall	
Core Requirement:		PHYS 201	Physics II with Calculus and Lab	4.00	1st Spring	15.00
Related Requirement:		MATH 262	Calculus II	4.00	1st Spring	
	LASC 1A	COMM 100	Speech Communication	3.00	1st Spring	
Related Requirement:	LASC 3	CHEM 150/150L	General Chemistry I w/Lab	4.00	1st Spring	

**2nd Year**

Core Requirement:		PHYS 202	20th Century Physics	3.00	2nd Fall	16.00
Core Requirement:	WI for major	PHYS 305	Experimental Physics I	3.00	2nd Fall	
Secondary Ed:		ED 294	Educational Psychology	3.00	2nd Fall	
Related Requirement:		MATH 323	Multi-Variable & Vector Calculus	4.00	2nd Fall	
	LASC			3.00	2nd Fall	
Core Requirement:		PHYS 322	Elementary Modern Physics	3.00	2nd Spring	16.00
Core Requirement:		PHYS 350	Comp. Methods for Physical Science	3.00	2nd Spring	
Related Requirement:		MATH 366	Differential Equations	3.00	2nd Spring	
Related Requirement:		CHEM 210/210L	General Chemistry II w/Lab	4.00	2nd Spring	
Secondary Ed:		ED 310	Social Foundations of Education	3.00	2nd Spring	

**3rd Year**

Core Requirement:		PHYS 330	Intermediate Mechanics	4.00	3rd Fall	16.00
Core Requirement:		PHYS 312	Analog Electronics	3.00	3rd Fall	
Secondary Ed:		SPED 413	Teaching in Inclusive Environments	3.00	3rd Fall	
	LASC/WI			3.00	3rd Fall	
	LASC			3.00	3rd Fall	
Core Requirement:		PHYS 325	Optics	3.00	3rd Spring	15.00
Core Requirement:		PHYS 440	Secondary Science Teaching Methods	3.00	3rd Spring	
Secondary Ed:		ED 448	Reading Study Skills in the Content Areas	3.00	3rd Spring	
	LASC/WI			3.00	3rd Spring	
	LASC			3.00	3rd Spring	

**4th Year**

Secondary Ed:		ED 498	The Professional Teacher in the Classroom	3.00	4th Fall	15.00
	LASC			3.00	4th Fall	
	LASC/WI			3.00	4th Fall	
	LASC			3.00	4th Fall	
	LASC			3.00	4th Fall	
Student Teaching:				12.00	4th Spring	12.00