

## Engineering Physics Roadmap

<b>Program</b>	<b>Bachelor of Science: Engineering Physics</b>
<b>Total Credits</b>	120
<b>Catalog</b>	2023-2024

*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	Notes	Course	Course Title	Credits	Take When	Total Credits
						<b>120.00</b>

<b>1st Year</b>						
Core Requirement:	LASC 3	1	PHYS 200	Physics with Calculus I and Lab	4.00	1st Fall
Related Requirement:	LASC 4	2	MATH 261	Calculus I	4.00	1st Fall
Related Requirement:			CSIS 152	Intro to Computers and Programming 1a	3.00	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
Core Requirement:			PHYS 201	Physics with Calculus II and Lab	4.00	1st Spring
Related Requirement:			MATH 262	Calculus II	4.00	1st Spring
Recommended Elective:			MATH 260	Computer Calculus	1.00	1st Spring
Related Requirement:			CSIS 153	Intro to Computers and Programming 1b	3.00	1st Spring
	LASC 1A		COMM 100	Speech Communication	3.00	1st Spring

<b>2nd Year</b>						
Core Requirement:			PHYS 202	20th Century Physics	3.00	2nd Fall
Core Requirement:			PHYS 305	Experimental Physics I	3.00	2nd Fall
Core Requirement:			PHYS 315	Physics Seminar	1.00	2nd Fall
Related Requirement:			MATH 323	Multi-Variable & Vector Calculus	4.00	2nd Fall
	LASC/WI	3			3.00	2nd Fall
Core Requirement:			PHYS 322	Elementary Modern Physics	3.00	2nd Spring
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:	WI for major		ENGL 387	Technical Report Writing	3.00	2nd Spring
	LASC				3.00	2nd Spring

<b>3rd Year</b>						
Core Requirement:			PHYS 330	Intermediate Mechanics	4.00	3rd Fall
Restricted Elective:			PHYS 312	Analog Electronics	3.00	3rd Fall
Related Requirement:			4 MATH 327	Intro to Linear Algebra	3.00	3rd Fall
Related Requirement:	LASC 3		CHEM 150/150L	General Chemistry I w/Lab	4.00	3rd Fall
	LASC/WI				3.00	3rd Fall
Core Requirement:			PHYS 325	Optics	3.00	3rd Spring
Core Requirement:	WI 200-level or higher		PHYS 306	Experimental Physics II	3.00	3rd Spring
Related Requirement:			CHEM 210/210L	General Chemistry II w/Lab	4.00	3rd Spring
	LASC				3.00	3rd Spring
	LASC				3.00	3rd Spring

<b>4th Year</b>						
Core Requirement:			ENG 469	Internship	3.00	4th Fall
Core Requirement:			4 CSIS 252	Intro to Computers and Programming II	3.00	4th Fall
Physics Elective:					3.00	4th Fall
	LASC				3.00	4th Fall
	LASC				3.00	4th Fall
Physics Elective:					3.00	4th Spring
General Elective/Minor Course:					3.00	4th Spring
General Elective/Minor Course:					1.00	4th Spring
	LASC				3.00	4th Spring
	LASC				3.00	4th Spring