

BS Physics course planning guide

Year	Semester	Туре	Subject	Code	e Course Title	Tota
23-24	Fall	ACE	ENGL		5 College Writing I (or ENGL 115 College Writing I: Writing Across Cultures)	
20-24		ACE	HLED		5 Wellbeing 360	
		ACE	RELT		O God and Human Life (or RELB 210 Jesus in His Time and Ours)	
		Cognate	СНЕМ		General Chemistry I	
		Cognate	MATH		Calculus I	
		Major requirement	PHYS	277	Physics Colloquium	
	Fall Total					
	Spring	ACE	COMM	104	Communication Skills	
		Cognate	CHEM	132	? General Chemistry II	
		Cognate	CPTR	151	Computer Science I	
		Cognate	MATH	192	? Calculus II	
		Elective	-	-	Elective	
		Major requirement	PHYS	277	7 Physics Colloquium	
		Optional	PHYS	478	3 Study Tour: APS Convention	
	Spring Total					
3-24 Total						
24-25	Fall	ACE	ENGL		5 College Writing II	
		Cognate	MATH		5 Introduction to Linear Algebra	
		Cognate	MATH) Calculus III	
		Major requirement	PHYS		Physics for Scientists and Engineers I	
		Major requirement	PHYS		Physics for Scientists and Engineers Laboratory I	
	m-11 · ·	Major requirement	PHYS	277	7 Physics Colloquium	
	Fall Total	ACE			Policions conquit bulletin	
	Spring	ACE	- MATH	- 206	Religion: consult bulletin	
		Cognate	MAIH	- 286	5 Differential Equations Elective	
		Elective	PHYS			
		Major requirement Major requirement	PHYS		Physics for Scientists and Engineers II Physics for Scientists and Engineers Laboratory II	
		Major requirement	PHYS		7 Physics Colloquium	
		Major requirement	PHYS		Classical Mechanics I	
		Optional	PHYS		S Study Tour: APS Convention	
	Spring Total	Optional	11110	170	Study Pour. In S Convention	
4-25 Total						
25-26	Fall	ACE	-	-	Religion: consult bulletin	
		ACE	-	-	Social Sciences: consult bulletin for ACE-approved options	
		ACE	HIST	110) Worldviews, Cultures, and Gods	
		Elective	-	-	Elective	
		Major requirement	PHYS	277	Physics Colloquium	
		Major requirement	PHYS	431	Electricity and Magnetism I	
		Major requirement	PHYS	330	Thermodynamics and Statistical Mechanics	
	Fall Total					
	Spring	ACE	-	-	Religion: consult bulletin	
		ACE	-	-	Arts and Humanities: consult bulletin for ACE-approved options	
		Elective	-	-	Elective	
		Major requirement	PHYS	277	7 Physics Colloquium	
		Major requirement	PHYS	377	7 Advanced Physics Laboratory I	
		Major requirement: elective	PHYS	-	PHYS 300 and above: elective(s) selected with your advisor	
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		Optional	PHYS	478	3 Study Tour: APS Convention	
	Spring Total		PHYS	478	3 Study Tour: APS Convention	
		Optional	PHYS			
25-26 Total 26-27	Spring Total	Optional ACE	PHYS	-	Social Sciences: consult bulletin for ACE-approved options	
		Optional ACE ACE	PHYS -	-	Social Sciences: consult bulletin for ACE-approved options Arts and Humanities: consult bulletin for ACE-approved options	
		Optional ACE ACE Elective	- - -	- - -	Social Sciences: consult bulletin for ACE-approved options Arts and Humanities: consult bulletin for ACE-approved options Elective	
		Optional ACE ACE Elective Major requirement	- - - PHYS	- - - 277	Social Sciences: consult bulletin for ACE-approved options Arts and Humanities: consult bulletin for ACE-approved options Elective 7 Physics Colloquium	
		Optional ACE ACE Elective Major requirement Major requirement	- - - PHYS PHYS	- - 277 481	Social Sciences: consult bulletin for ACE-approved options Arts and Humanities: consult bulletin for ACE-approved options Elective Physics Colloquium Quantum Mechanics I	
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	Fall Fall Total	ACE ACE Elective Major requirement Major requirement: elective ACE Elective Major requirement: elective ACE Elective Major requirement Major requirement Major requirement Major requirement Major requirement		- 277 481 - - - 277 477 495	Social Sciences: consult bulletin for ACE-approved options Arts and Humanities: consult bulletin for ACE-approved options Elective 7 Physics Colloquium 8 Quantum Mechanics I PHYS 300 and above: elective(s) selected with your advisor Religion: consult bulletin Elective 7 Physics Colloquium 7 Advanced Physics Laboratory II 6 Physics Research PHYS 300 and above: elective(s) selected with your advisor	
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