Roadmap for Bachelor of Science in Physics

	Course	Course Title	Units
	Fall (Year 1, Semester 1)		
LD Major (B4)	Math 130	Calculus I	4
E	GS 101A	Foundations of Success I	1
A1	Comm 100	Communication	3
Major (B1& B3)	PHYS 135	Physics for Scientists I	4
D1/Code1	e.g., HIST 110	or student choice	3
		Total Units:	15

	Course	Course Title	Units
	Spring (Year 1, Semester 2)		
LD Major	Math 131	Calculus II	3
E	GS 101B	Foundations of Success II	1
A2	ENGL 101	College Writing (English Compo	3
LD Major	PHYS 136	Physics for Scientists II	4
C1		student choice	3
E	LIBY 210	Intro. to Information Literacy S	1
		Total Units:	15

	Fall (Year 2, Semester 3)		
LD Major	MATH 230	Calculus III	3
LD Major	CHEM 110	General Chemistry Engineeri	3
A3	PHIL 100	Workshop in Critical Thinking	3
LD Major	PHYS 137	Physics for Scientists III	4
C2		student choice	3
		Total Units:	16

	Spring (Year 2, Semester 4)		
LD Major	MATH 210	Linear Algera with Differential	3
B2 (Sust.)	ENSC 240	Envt. Biology	3
C3		student choice	3
LD Major	PHYS 230*	Physical Reasoning and Scientif	3
D2/Code3	e.g., POSC 102	or student choice	3
		Total Units:	15

	Fall (Year 3, Semester 5)		
UD Major	PHYS 330	Analytic Mechanics	3
UD Major	PHYS 350	Quantum Mechanics I	3
UD Major	PHYS 380	Advanced Lab I	3
C4		student choice	3
		elective	3
		Total Units:	15

	Spring (Year 3, Semester 6)		
B6		student choice	3
UD Major	PHYS 351	Quantum Mechanics II	3
UD Major	PHYS 381	Advanced Lab II	3
UD Major	PHYS	elective	3
		elective	3
		Total Units:	15

	Fall (Year 4, Semester 7)		
UD Major	PHYS 340	Stat. Physics & Thermodynar	3
UD Major	PHYS 450	Electromagnetism I	3
UD Major	PHYS 480	Advanced Lab III	3
		elective	3
		elective	3
		Total Units:	15

	Spring (Year 4, Semester 8)		
D4		student choice	3
UD Major	PHYS 451	Electromagnetism II	3
UD Major	PHYS 481	Advanced Lab IV	3
UD Major	PHYS	elective	3
		elective	2
		Total Units:	14

* PHYS 230 qualifies as second composition