Physics Minor Checklist

Na	me:			Major:		Class Year:
Τw	o foundationa	l courses in physic	s (2.5	credits)	<u>Prerequisite</u>	
	PHYS 231	Electricity & Magne			PHYS 141 & MAT	TH 132 (or concurrent registration)
	PHYS 232	Optics and Modern	Physics	;		TH 132 (or concurrent registration)
Τw	o foundationa	l courses in mathe	matics	(2.25 – 2.5 cre	dits)	
	MATH 132	Calculus II (or AP cr	edit)		MATH 131	
	Either of these:					
MATH 231 Calculus III: Multivarial			ble Calc		MATH 132	
	MATH 234	Differential Equations			MATH 132	
		en at Trinity; cannot be	fulfille	d with transfer, st	udy away, or cons	ortium credits
Ch	oose from the follo	owing list:				
PHYS 300 Mathematical Met			hods of Physics		PHYS 231 & MATH 231	
PHYS 301 Classical Mechanics			S		PHYS 231 & either MATH 231 or 234	
	PHYS 302 <i>Electrodynamics</i>				PHYS 231 & MATH 231	
PHYS 304 Statistical & Therm			•		PHYS 141 & MAT	TH 132
PHYS 313 Quantum Mechani				PHYS 232		
PHYS 315 Contemporary Opti				PHYS 231 & 232		
	PHYS 316 Experimental Laser		•		PHYS 231 & 232	
PHYS 317 Relativity & Fundar				PHYS 231 & 232		
PHYS 320 Modern Physical M		easurei	nents	PHYS 231 & 232		
Physics courses offered every year		Fall:	PHYS 141, 232	Spring:	PHYS 231, 300	
Physics courses offered every other year		Fall:	PHYS 304, 313 PHYS 301, 315	Spring:	PHYS 302, 316 PHYS 317, 320	

Study Plan Worksheet Most physics electives are offered in alternating years, so taking the foundational courses as early as early as possible will give you the most flexibility in your schedule.

	Fall	Spring	
First-Year	PHYS 141	PHYS 231	
	MATH 131	MATH 132	
Cambanana	DLIVC 222		
Sophomore	PHYS 232		
	MATH 231 or MATH 234		
Junior			
Senior			

FAQ's

- I'm currently taking Phys-231 and want to minor in Physics. What should I take next fall?
 - Take PHYS 232 next fall it's the gateway to most of the upper-level courses. Pair this with either MATH 231 or MATH 234.
- Can I double-count the courses for the Physics minor with the requirements for my major?

Yes up to three! For instance, if you are an Engineering major you will need to take only Phys-232 and two 300-level physics courses beyond the requirements for your major to complete the minor in physics. Chemistry and Biochemistry requirements also overlap with the Physics minor.

- If I start with the Physics minor can I easily turn that into a Physics major later on?

Yes! The foundational courses for the minor are the same as the foundational courses for the major. All of the electives for the Physics minor are either required courses or electives for the major.