## **Physics Minor Checklist**

Name:			Major:			Class Year:	
Τw	o foundationa	I courses in physics	(2.5	credits)	<u>Prerequisite</u>		
	PHYS 231 PHYS 232	Electricity & Magne Optics and Modern		•		ATH 132 (or concurrent registration) ATH 132 (or concurrent registration)	
Τw	o foundationa	I courses in mather	natics	(2.25 – 2.5 cre	dits)		
	MATH 132 Either of these:	Calculus II (or AP cre	edit)	·	MATH 131		
	MATH 231	Calculus III: Multivariab	le Calc		MATH 132		
	MATH 234 Differential Equations				MATH 132		
Τw	o physics elect	t <b>ives</b> (2 credits)					
Co.	urses must be take	en at Trinity; cannot be	fulfilled	d with transfer, st	udy away, or con	sortium credits	
Cho	oose from the follo	owing list:					
PHYS 300 Mathematical Meth			ods of	Physics	PHYS 231 & MA	ATH 231	
	PHYS 301 Classical Mechanics				PHYS 231 & eit	her MATH 231 or 234	
	PHYS 302	Electrodynamics			PHYS 231 & MA	ATH 231	
PHYS 304 Statistical & Thermo		al Physi	cs	PHYS 141 & MA	ATH 132		
PHYS 313 Quantum Mechanic		S		PHYS 232			
PHYS 315 Contemporary Option		CS		PHYS 231 & 232			
	PHYS 316 Experimental Laser		Optics		PHYS 231 & 232		
	PHYS 317 Relativity & Fundan		nental Particles		PHYS 231 & 232		
PHYS 320 Modern Physical Mo		easurements		PHYS 231 & 232			
	PHYS 330	Astronomy & Astrop	ohys: Tl	neory/Observation	n PHYS 231 & PH	YS 232 (or permission of instructor)	
Physics courses offered every year		Fall:	PHYS 141, 232	Spring:	PHYS 231, 300, 301		
Pł	nysics courses offe	red every other year	Fall:	PHYS 313, 330	Spring:	PHYS 317, 320	
	•	, ,	Fall:	PHYS 302, 304	Spring:		

**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
Sophomore	PHYS 232	
Sophomore	MATH 231 or MATH 234	
	WW. 111 231 31 WW. 111 23 1	
Junior		
Senior		

## FAQ's

- I'm currently taking Phys-231 this spring 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.