



## PHYSICS MINOR FORM

### INSTRUCTIONS

- ❖ Fill out this form before meeting with the DUS
- ❖ You should have completed 2 introductory physics with a B- average or better before declaring the minor
- ❖ Bring (and/or email) the form when meeting with the Physics DUS (check for DUS office hours online)
- ❖ Return this sheet to the main Physics office, Clark 117

### BIOGRAPHICAL INFORMATION

Last name \_\_\_\_\_ First name \_\_\_\_\_ Middle initial \_\_\_\_\_ Gender \_\_\_\_\_

NetID \_\_\_\_\_ Student ID # \_\_\_\_\_ Graduation Year \_\_\_\_\_ Citizenship \_\_\_\_\_

Major(s) \_\_\_\_\_

Ithaca Address \_\_\_\_\_ Phone \_\_\_\_\_

### REQUIREMENTS FOR THE MINOR

- ❖ The requirements for the physics minor are : 1) completion of the 3-course **introductory sequence** (including **special relativity**, either in 1116 or 2216); 2) **Quantum Physics I** (PHYS 3316); **an intermediate lab**; and **one additional 3000<sup>+</sup> level class** of at least 3 credits in the physics department
- ❖ Enter the grade for any Cornell class taken & the corresponding semester; for AP / placement credit, indicate "AP"
- ❖ For requirements not yet taken, indicate the semester in which you intend to take those classes
- ❖ No more than 3 credits of PHYS 4490 (independent study) may be used to satisfy the **3000<sup>+</sup> level class requirement**

Sequence	Description		Fr. Fall	Fr. Spr.	Soph. Fall	Soph. Spr.	Jr. Fall	Jr. Spr.	Sr. Fall	Sr. Spr.
<b>Introductory Sequence</b>  *2216 required if 1116 not taken  2207 & 2208 allowed as replacements for 1112 and 2213	Mechanics (1116 has special relativity; 1112 thermal phys.)	1112* 1116								
	Electricity & Magnetism	2213 2217								
	Waves (2218 also covers thermal physics)	2214 2218								
	*Special Relativity (1 unit S/U)	2216								
<b>Quantum*</b>	Quantum Physics I	3316								
<b>Upper Level Classes</b>	One 3000 <sup>+</sup> level class (3 credit min), e.g. 3317, 3327, 3318									
<b>Lab Class**</b>	e.g. 3310, 3330, 3360, 4410,....									

\*Students may substitute another quantum mechanics class for PHYS 3316 (e.g. CHEM 2870, CHEM 3890, AEP 3610, or ECE 4060). However, students that do so must take a second 3000<sup>+</sup> level PHYS class (3 credit min.) to take the place of 3316.

\*\*For the lab class, students may select from PHYS 3310, 3330, 3360, 4410, ASTRO 4410, AEP 2640, or BEE 4500.