

**Suggested Course Schedule for
Thesis based accelerated MS in Applied Physics**

Year 4, Fall	Year 4, Spring (Senior rule): 3 credits
Continuation of coursework toward BS in Physics/BS in Applied Physics** (6 credits of coursework at the 4000 levels will be double-counted)	Continuation of coursework toward BS in Physics/BS in Applied Physics** And take 3 credit of the following*: PH5110: Classical Mechanics (2) + PH5010: Graduate Journal Club (1) Or PH5310: Statistical Mechanics (3)
Year 4, Summer PH5999: MS Research (optional)**** Reduces the number of research credits that will be taken in year 5	Year 5, Spring: 10 to 11 credits*
Year 5, Fall: 10 to 11 credits*	Core: Take none to all of the following****: PH5110: Classical Mechanics (2) + PH5010: Graduate Journal Club (1) PH5310: Statistical Mechanics (3)
Core: Take none to all of the following***: PH5410: Quantum Mechanics I (3) PH5210: Electrodynamics I (3) PH5320: Mathematical Physics (3)	Elective*: Coursework at the 5000-level offered by physics or other departments (with approval from the graduate director of the Applied Physics program).
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MS (30 credits) = 6 credits double-counted + 3 credits senior rule + *21 credits in the year 5. *Students must take a minimum of 6 credits from the list of physics core courses and must include PH5010 (Graduate Journal Club, Spring semester of the 4th or 5th year)***.**

**Sample curriculum for [BS in Physics](#) and [BS in Applied Physics](#)

***The applied physics program offers broader flexibility to foster student learning. Students can choose 6 or more credits from the list of the core physics graduate courses, instead of taking all of them (15 credits). This allows students to fill the remaining credit hours with elective courses within and beyond the department. See the lists of [core and elective courses here](#) (same as those for the MS Applied Physics program).

****Take 6-10 research credits for the entire program from the same research advisor.