

Physics Graduate Course Sample Schedules

Schedule A (Minimum Course Load = 2+2)

At 1st Yr. minimum load

Fall	Spring
1. PHYS 500 (ClassMech)	3. PHYS 502 (E&M)
2. PHYS 506 (Math Methods)	4. PHYS 512 (StatPhys1)
PHYS 515 (Research Topics)	PHYS 590 (Resp. Cond. of Research)

2nd Yr. load

Fall	Spring
5. PHYS 508 (QuantMech1)	6. PHYS 510 (QuantMech2)
PHYS 990 (SI) (this could be in the Fall or Spring)	
An advanced elective (this could be in the Spring or Fall)	

Schedule B (Moderate Load = 3+2)

Above 1st Yr. minimum load + Could qualify for "M.S. en route" in 1st Yr.

Fall	Spring
1. PHYS 500 (ClassMech)	4. PHYS 510 (QuantMech2)
2. PHYS 506 (Math Methods)	5. PHYS 512 (StatPhys1) or PHYS 502 (E&M)
3. PHYS 508 (QuantMech1)	PHYS 590 (Resp. Cond. of Research)
PHYS 515 (Research Topics)	
PHYS 990 (SI) or an advanced elective (this could be in the Fall or Spring)	

2nd Yr. load

1. PHYS 990 (SI) or an advanced elective	2. PHYS 512 (StatPhys1) or PHYS 502 (E&M)
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Schedule C (Common Load = 3+3)

Above 1st Yr. minimum load + Could qualify for "M.S. en route" in 1st Yr. + Take all 6 foundational courses before Written Qualifying Event

Fall	Spring
1. PHYS 500 (ClassMech)	4. PHYS 502 (E&M)
2. PHYS 506 (Math Methods)	5. PHYS 510 (QuantMech2)
3. PHYS 508 (QuantMech1)	6. PHYS 512 (StatPhys1)
PHYS 515 (Research Topics)	PHYS 590 (Resp. Cond. of Research)

2nd Yr. load

Fall	Spring
PHYS 990 (SI) (this could be in the Fall or Spring)	
An advanced elective (this could be in the Spring or Fall)	

Schedule D (Maximum Load = 4+4)

Above 1st Yr. minimum load + Could qualify for "M.S. en route" in 1st Yr. + Take all 6 foundational courses before WQE + On track to finish up all course requirements in 1st Yr.

Fall	Spring
1. PHYS 500 (ClassMech)	4. PHYS 502 (E&M)
2. PHYS 506 (Math Methods)	5. PHYS 510 (QuantMech2)
3. PHYS 508 (QuantMech1)	6. PHYS 512 (StatPhys1)
PHYS 515 (Research Topics)	PHYS 590 (Resp. Cond. of Research)
PHYS 990 (SI) or an advanced elective	PHYS 990 (SI) or an advanced elective

2nd Yr. load

No Required courses – Semester Registration = Qual 999 or Cand 999
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PEB Sample Schedule

Above 1st Yr. minimum load. If fall classes are waived/pass out of, PEB 991 can be in 1st year.

Fall	Spring
1. PHYS 500 (ClassMech)	4. PHYS 502 (E&M)
2. PHYS 506 (Math Methods)	5. PHYS 512 (StatPhys1)
3. PHYS 508 (QuantMech1)	6. PHYS 517 (PEB Method&Logic Intdspl Resch)
PHYS 515 (Research Topics)	PHYS 590 (Resp. Cond. of Research)
PHYS 990 (SI) (this could be in the Fall or Spring)	

2nd Yr. load

PHYS 991 (PEB Integrated Workshop)	7. PHYS 510 (QuantMech2)
	Adv. Elective PHYS 523 (Biological Physics)
	Adv. Elective PHYS 562 (Modeling Biological Systems)
PHYS 990 (SI) (this could be in the Fall or Spring)	