

Physics Graduate Course Offering Fall 2025 / Winter 2026

	Term	Topic	Enrolment Contingent	Offered Fa26/ Wi27	Cross-listed with	Potential Research Focus Group Interest					
General Interest Courses						Astro	Bioph	CMP/AMO	Geoph	Particle	Space/ Plasma
PHYS 511	Fall	Quantum	N	Y		✓	✓	✓	✓	✓	✓
PHYS 524	Winter	E&M	N	Y		✓	✓	✓	✓	✓	✓
PHYS 530	Fall	Stat Mech	N	Y		✓	✓	✓	✓	✓	✓
PHYS 574	Winter	Data Analysis in Physics	Y	Y		✓	✓	✓	✓	✓	✓
PHYS 580	Fall	Computational Physics	N	Y	PHYS 420	✓	✓	✓	✓	✓	✓
PHYS 597	Winter	Graduate Projects in Experimental Physics	N	Y	PHYS 397	✓	✓	✓	✓	✓	✓
Focus Area Courses											
PHYS 512	Winter	Quantum II	Y	N				✓		✓	
PHYS 541	Winter	CMP I	Y	Y				✓			
PHYS 590	Fall	Particle Physics II	Y	N						✓	
PHYS 595	Winter	Astrophysical Cpt. Objects	Y	N	PHYS 495	✓				✓	
ASTRO 565	Fall	Stellar Astrophysics II	N	Y	ASTRO 465	✓					
Geophysics											
GEOPH 521	Fall	Global Geodynamics	N	Y	GEOPH 440				✓		
GEOPH 524	Winter	EM Methods	N	N	GEOPH 424				✓		
GEOPH 526	Fall	Signal Analysis	N	Y	GEOPH 426				✓		
GEOPH 536	Fall	Field School	N	Y	GEOPH 436				✓		
GEOPH 541	Winter	Seismology	N	N	GEOPH 421				✓		

Enrolment Contingent — If Y, this section will be cancelled if it does not meet a minimum registration threshold $2N_{\text{grad}} + N_{\text{ugrad}} \geq 10$ before the semester begins.

Offered Fa26/Wi27 — Indicates whether the course will also be offered in Fa26/Wi27. Next academic year we will also offer PHYS 635 (Plasma physics) and BIOPH 401/501 (Advanced Biophysics), GEOPH 538 (Seismic data processing)

Cross-listed — These courses have a graduate course number with a corresponding undergraduate course listed here. MSc student can take up to two non-cross listed 400-level course **with permission of their supervisory committee and the Department**. **PhD students cannot take a 400-level course for credit toward their degree.**