

**PROBABLE UPPER LEVEL PHYSICS COURSE SCHEDULE: 2021-2025**

COURSE	YEAR SEMESTER	21- 22		22- 23		23- 24		24- 25		
		F	S	F	S	F	S	F	S	
PHY 220 - ADVANCED GEOLOGY			X		X					X
PHY 299 - RESEARCH FUNDAMENTALS SEMINAR		X	X	X	X	X	X	X	X	X
PHY 306 - MATHEMATICAL PHYSICS		X		X		X		X		
PHY 311 - ANALOG & DIGITAL ELECTRONICS				X				X		
PHY 316 - BIOMEDICAL PHYSICS					X					X
PHY 321 - MODERN PHYSICS		X		X		X		X		
PHY 336 - INTRODUCTION TO BIOPHYSICS			X				X			
PHY 345 - PHYSICS OF CLOUDS AND CLIMATE			X				X			
PHY 356 - THERMAL PHYSICS			X		X		X			X
PHY 361 - GALACTIC & EXTRAGALACTIC ASTRO.					X*					X*
PHY 390 - METHODS OF TEACHING SCIENCE			X		X		X			X
PHY 401 - CLASSICAL MECHANICS			X		X		X			X
PHY 411 - ELECTROMAGNETIC WAVES & OPTICS		X				X				
PHY 413 - GENERAL RELATIVITY & COSMOLOGY				X				X		
PHY 421 - ELECTROMAGNETIC THEORY I		X		X		X		X		
PHY 422 - ELECTROMAGNETIC THEORY II			X				X			
PHY 425 - PLASMA PHYSICS										X*
PHY 426 - PARTICLE AND NUCLEAR PHYSICS					X*					X*
PHY 431 - QUANTUM MECHANICS		X		X		X		X		
PHY 436 - CONDENSED MATTER					X					X
PHY 451 - ADVANCED EXPERIMENTAL PHYSICS		X	X	X	X	X	X	X	X	X
PHY 466 - INTRODUCTORY ASTROPHYSICS		X*				X				
PHY 490 - STUDENT TEACHING PHYSICS		X		X		X		X		

\*Courses that may be offered, depending on student demand.