

**Curriculum Content: BA in PHYSICS (for majors planning to teach)**  
 (58 Semester Hours Required + 8 credits in Related Sciences)

**Praxis Test – Physics: Content Knowledge (10265)**

Course #	Course Title	Hours	Grade	Semester/Year
PH 135/135L	Physics I and Lab	5		Fall
PH 136/136L	Physics II and Lab	5		Spring
PH 246	Modern Physics	3		Fall
PH 247	Modern Physics Laboratory	1		Spring
PH 315/315L	Classical Mechanics and Workshop	4		
PH 347	Advanced Laboratory	2		Fall
PH 365/365L	Electricity and Magnetism and Workshop	4		
PH 408	Senior Research or Design Project	2		Fall
PH 445/445L	Quantum Physics and Workshop	4		
EP 217	Mathematical Methods of Physics & Engineering	3		Spring
EP 260/260L	Electronics and Lab	4		Spring
EP 451/451L	Numerical Physics and Workshop	4		
	Mathematics			
MT 135	Calculus and Analytic Geometry I	4		
MT 136	Calculus and Analytic Geometry II	4		
MT 233	Calculus and Analytic Geometry III	4		
	Chemistry			
CH 141	General Chemistry I	4		Fall
CH 143	General Chemistry Lab I	1		Fall
OR				
CH 151	Chemical Principles	4		Fall
CH 153	Chemical Principles Lab	1		Fall
	Related Sciences (8 credits required)			
	Biological Science			
BL XXX/XXXL	Biology Course with Lab	4		
	Earth Science (select one of the following)			
PH 115/L	Environmental Earth Science & Lab	4		Fall
PH 206	Earth Systems Science	3		Spring
PH 113/113L	Astronomy and Lab	4		Fall, Spring

Transcript review by the Department would establish whether this content has been adequately covered in previous coursework or whether additional coursework is needed.

Revised: Fall 2013