

Physics – ProTeach (M.Ed.) Content Requirements

Mathematics Coursework			
	Course	Title	Credits
	MAC 2311	Analytic Geometry & Calculus I	4
	MAC 2312	Calculus 2	4
	MAC 2313	Calculus 3	4
	MAE 2302	Differential Equations	3
		Total	15

Notes:

Physics Coursework			
	Course	Title	Credits
	PHY 2048	Physics I with Calculus	3
	PHY 2048L	Physics Lab	1
	PHY 2049	Physics II with Calculus	3
	PHY 2049L	Physics Lab	1
	PHY 3513	Thermal Physics	3
	PHY 3101	Intro to Modern Physics	3
	PHY 3323	Electromagnetism I	3
	PHY 3221	Classical Mechanics I	3
	PHY 4604	Quantum Mechanics I	3
Choose 1	PHY 4802L	Physics Lab I	3
	PHY 4803L	Physics Lab II	
Choose 1	PHY 4324	Electromagnetism 2	3
	PHY 4222	Classical Mechanics 2	
	PHY 4523	Statistical Physics	
		Total	29

Notes:

Biology Coursework			
	Course	Title	Credits
	BSC 2010 BCS 2010L	Integrated Principles of Biology I	4
	BSC 2011 BCS 2011L	Integrated Principles of Biology II	4

		Total	8
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Notes:

Chemistry Coursework			
	Course	Title	Credits
	CHM 2045	General Chemistry & Qual Analysis (or equivalent)	3
	CHM 2045L	General Chemistry Lab	1
	CHM 2046	General Chemistry & Qual Analysis	3
	CHM 2046L	General Chemistry Lab	1
		Total	8

Notes: