SAINT VINCENT COLLEGE

COURSE REQUIREMENTS FOR PHYSICS CERTIFICATION

Post Baccalaureate

Insert course grades earned (where applicable) in white boxes.

COURSE #	COURSE TITLE	CR.	GRADES		
	CORE CURRICULUM				
	History	3			
EL 102	Language and Rhetoric (Freshman Composition)	3			
EL 208	Pedagogy of Composition	3			
	Literature	3			
FA	Fine Arts	3			
MA 111	Calculus I	4			
Total Credits for Core Curriculum		**19**			
	MAJOR COURSES				
PH 111/113	General Physics I and Lab	4			
PH 112/114	General Physics II and Lab	4			
PH 151/152	Astronomy and Lab	4			
PH 211/213	Modern Physics and Lab	4			
PH 215	Thermodynamics	3			
PH 221	Classical Mechanics	3			
PH 241/243	Optics and Lab	4			
PH 251	Electrical Circuits and Electronics	2			
MA 112	Calculus II	4			
MA 113	Calculus III	4			
MA 114	Differential Equations	4			
CH 101/103	General Chemistry I and Lab	4			
CH 102/104	General Chemistry II and Lab	4			
Total Credits for Major		**48**			
	TEACHER CERTIFICATION COURSES				
PY 115	Educational Psychology	3			
PY 214	Adolescent Psychology	3			
PY 290	Psychology/Education of the Exceptional Student	3			
ED 100	Foundations of Education	3			
ED 101 or 207	Field Experience I	1			
ED 205	Strategies and Techniques of Instruction	2			
ED 206	Field Experience II: Strategies and Techniques of Instruction	1			
ED 208	Classroom Partnerships and Inclusion	3			
ED 220	Reading Instruction for Secondary and Special Learners	2			
ED 304	Teaching of Science 7-12	3			
ED 390	Teaching Nonnative and Culturally Diverse Students	3			
ED 400	Field Experience IV: Pre-Student Teaching	2			
ED 410	Field Experience V: Student Teaching	8-9			
ED 411	Professional Seminar	3			
Total Credits for Teacher Certification Requirements		**40-41**			
Total Credits for Physics Certification		**107-108**			

January 2010