

Bachelor of Science in Physics minor in Economics

Term 1			
Course Code	Course Title	Units	Prerequisite
MATH111	College Algebra	3	
LBYPHYX	Physics Laboratory 1 for Physics Majors	2	
INTFILO	Introductory Philosophy	3	
FILKOMU	Komunikasyon sa Araling Filipino	3	
KASPIL1	Pag-aaral sa Buhay, Mga Akda at Nagawa ni Dr. Jose Rizal	3	
TREDONE	Humanity's Search for Life	3	
PERSEF1	Personal Effectiveness Foundation	(2)	
FITWELL	Physical Fitness & Wellness	2	
NSTP101	National Service Training Program-General Orientation	0	
SAS1000	Student Affairs Services 1000	0	
Total Units		17+2(2)	

Term 4			
Course Code	Course Title	Units	Prerequisite
MATH114	Analysis 2	4	MATH113
INOCHE1	Gen. Chemistry 1 (lec)	3	
PHYFUN3	Physics Fundamentals 3	3	PHYFUN2
LBYPHY3	Physics Fundamentals lab 3	1	PHYFUN3, LBYPHYX
SPEECOM	Oral Communication/Advanced Speech Class	3	ENGLCOM
TREDTWO	The Filipino Christian in a Changing World	3	TREDONE
FTDANCE	Physical Fitness & Wellness in Dance	2	
PERSEF2	Personal Effectiveness 2	(2)	PERSEF1
LASARE2	Lasallian Recollection 2	0	LASARE1
Total Units		17+2(2)	

Term 7			
Course Code	Course Title	Units	Prerequisite
CLASME2	Classical Mechanics 2	3	CLASME1
QUMEONE	Quantum Mechanics 1	3	PHYFUN3, MATPHY2
MATPHY3	Mathematical Methods in Physics 3	3	MATPHY2, MATH115
BAELEC1	Basic Electronics 1	3	PHYFUN2
LBYPHYK	Basic Electronics Lab 1	1	LBYPHY2
TREDTRI	The Christian and the Word	3	TREDTWO
HUMALIT	Introduction to Literature	3	ENGLRES
Total Units		19	

Term 10			
Course Code	Course Title	Units	Prerequisite
MATPHY2	Stochastic Methods in Physics	3	STATMEC
ELECMA2	Electricity & Magnetism 2	3	ELECMA1
SOLSTAT	Solid State Physics	3	STATMEC, QUMEONE
COMPDPYN	Dynamics of Complex Systems	3	CLASME1
THSPHY2	Physics Research 2	1	THSPHY1
TREDFOR	The Christian Vocation of Life	3	TREDTRI
LASARE3	Lasallian Retreat	0	LASARE2
Total Units		16	

Term 2			
Course Code	Course Title	Units	Prerequisite
MATH112	Trigonometry	3	
PHYFUN1	Physics Fundamentals 1	3	MATH111,
COMPHY1	Computer for Physics 1	3	MATH112(C=coreq)
ENGLCOM	Basic Communication & Study Skills	3	
SOCTEC1	Integrated Social Science, Technology, Society 1	3	
FTTEAMS	Physical Fitness & Wellness in Team Sports	2	
NSTPCW1/ NSTPRO1	NSTP Program - Civic Welfare Training Service/ Military Science 1	(3)	
Total Units		15+2(3)	

Term 5			
Course Code	Course Title	Units	Prerequisite
MATH115	Analysis 3	4	MATH114
MATPHY1	Mathematical Methods in Physics 1	3	MATH114
PHYFUN4	Physics Fundamentals 4	3	PHYFUN3
ECONONE	Introduction to Microeconomics	3	MATH111
HUMAART	Introduction to Art	3	ENGLRES
FILDLAR	Pagbabasa at Pagsulat sa Iba't Ibang Disiplina /Larangan	3	FILKOMU
Total Units		19	

Term 8			
Course Code	Course Title	Units	Prerequisite
QUMETWO	Quantum Mechanics 2	3	QUMEONE
PHYSEMI	Physics Seminar	1	SPEECOM
STATMEC	Statistical Mechanics	3	PHYFUN2, MATPHY2
MICREC1	Microeconomics 1	3	ECON TWO, MATH114
MACREC1	Macroeconomics 1	3	ECON TWO, MATH114
ECOSTAT	Economic Statistics	3	ECON TWO, MATH114
PRCPHYS	Practicum for Physics Majors	3	
Total Units		19	

Term 11			
Course Code	Course Title	Units	Prerequisite
THSPHY3	Physics Research 3	1	THSPHY2
INPHOTO	Introduction to Photonics	3	
LBYPHY8	Introduction to Photonics (lab)	1	INPHOTO
LBYPHY9	Advanced Laboratory 2	1	LBYPHY2
COMETPY	Computational Methods in Physics	3	COMPHY2
	Science Elective - Biology	3	
ECOMET2	Econometrics 2	3	ECONMET
LBYMET2	Econometrics 2 - Laboratory	0.5	
Total Units		15.5	

Term 3			
Course Code	Course Title	Units	Prerequisite
MATH113	Analysis 1	4	MATH111
PHYFUN2	Physics Fundamentals 2	3	PHYFUN1
LBYPHY2	Physics Fundamentals 2 (lab)	1	LBYPHYX
COMPHY2	Computer for Physics 2	3	COMPHY1
KASPIL2	Kasaysayan ng Pilipinas	3	KASPIL1
ENGLRES	Basic Research Skills/English for Specific Purposes	3	ENGLCOM
NSTPCW2/ NSTPRO2	NSTP Program - Civic Welfare Training Service/Military Science 2	(3)	NSTPCW1
FTSPORT	Physical Fitness & Wellness in Individual/Dual Sports	2	
LASARE1	Lasallian Recollection 1	0	
Total Units		17+2(3)	

Term 6			
Course Code	Course Title	Units	Prerequisite
CLASME1	Classical Mechanics 1	3	PHYFUN1, MATPHY1
LINEALG	Linear Algebra	3	MATH114
MATPHY2	Mathematical Methods in Physics 2	3	MATPHY1
ECON TWO	Introduction to Macroeconomics	3	ECONONE
LBYPHY7	Advanced Laboratory 1	1	LBYPHY2
SOCTEC2	Integrated Social Science, Technology & Society 2	3	SOCTEC1
GREATWK	Great Works	3	GREATWK
Total Units		19	

Term 9			
Course Code	Course Title	Units	Prerequisite
ELECMA1	Electricity & Magnetism 1	3	MATPHY1, PHYFUN2
THSPHY1	Physics Research 1	1	PHYSEMI
ECONMET	Econometrics	3	ECON TWO, ECOSTAT
LBYEMET	Econometrics Laboratory	1.5	ECOSTAT
FINNLEC	Financial Economics	3	
MICREC2	Microeconomics 2	3	MICREC1
MACREC2	Macroeconomics 2	3	MACREC1
IPERSEF	Integrating Course for Personal Effectiveness	0	PERSEF2

Academic Units 199
Non-Academic Units 10
Total Units 209

TO THE STUDENT: Please take note that subjects should not be enrolled without passing their respective pre-requisite. Be reminded that subjects taken without having passed the pre-requisites will be **INVALIDATED**. Subjects without pre-requisite can be taken in any term. Please be guided accordingly.