

ID#112- - - -

PHY-MAT

First Trimester, SY 2012-2013			
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	
TREDONE	Humanity's Search for Life	3	
KASPIL1	Pag-aaral sa Buhay, Mga Akda at Nagawa ni Dr. Jose Rizal	3	
FITWELL	Physical Fitness & Wellness	2	
PERSEF1	Personal Effectiveness Foundation	(2)	
Total Units		17+2(2)	

First Trimester, SY 2013-2014			
Course Code	Course Title	Units	Prerequisite
INOCHE1	Gen. Chemistry 1 (lec)	3	
LBYCH14	Gen. Chemistry 1 (lab)	1	
MATH114	Analysis 2	4	MATH113
STATSCI	Statistics for Science	3	MATH111
PHYFUN3	Physics Fundamentals 3	3	PHYFUN2
LBYPHY3	Physics Fundamentals lab 3	1	PHYFUN3(C),LBYPHYX
FTDANCE	Physical Fitness & Wellness in Dance	2	
PERSEF2	Personal Effectiveness 2	(2)	PERSEF1
LASARE2	Lasallian Recollection 2	0	LASARE1
Total Units		15+2(2)	

First Trimester, SY 2014-2015			
Course Code	Course Title	Units	Prerequisite
ELECMA2	Electricity & Magnetism 2	3	ELECMA1
QUMEONE	Quantum Mechanics 1	3	PHYFUN3, MATPHY2
FUNMAT1	Fundamentals of Materials Science 1	3	PHYFUN3
COMPHY3	Computer for Physics 3	3	COMPHY2
ORCHEM1	Organic Chem for Medphy 1 (lec)	3	INOCHE2
SPEECOM	Oral Communication/Advanced Speech Cl	3	ENGLRES
IPERSEF	Integrating Course for Personal Effectivene	(2)	PERSEF2
Total Units		18(2)	

First Trimester, SY 2015-2016			
Course Code	Course Title	Units	Prerequisite
MATPHY3	Mathematical Methods in Physics 3	3	MATPHY2, MATH115
CLASME2	Classical Mechanics 2	3	CLASME1
BAELEC3	Basic Electronics 3	3	BAELEC2
LBYPHYM	Basic Electronics 3 (lab)	1	LBYPHYL
THSPHY2	Physics Research 2	1	THSPHY1
FAILANA	Failure Analysis	3	STRUANA
TREDFOR	The Christian Vocation of Life	3	TREDTRI
LASARE3	Lasallian Retreat	0	LASARE2
Total Units		17(2)	

De La Salle University-College of Science
Bachelor of Science in Physics w/ Specialization in Materials Science

Second Trimester, SY 2012-2013			
Course Code	Course Title	Units	Prerequisite
MATH112	Trigonometry	3	
PHYFUN1	Physics Fundamentals 1	3	MATH111(soft), MATH112(C=coreq)
COMPHY1	Computer for Physics 1	3	
ENGLCOM	Basic Communication & Study Skills	3	
SOCTEC1	Integrated Social Science, Technology & Society 1	3	
FTTEAMS	Physical Fitness & Wellness in Team Sp	2	
NSTP-C1/R1	NSTP Program - Civic Welfare Training Service/ Military Science 1	(3)	
Total Units		15+2(3)	

Second Trimester, SY 2013-2014			
Course Code	Course Title	Units	Prerequisite
INOCHE2	Gen. Chemistry 2 (lec)	3	INOCHE1
LBYCH15	Gen. Chemistry 2 (lab)	1	LBYCH14
MATH115	Analysis 3	4	MATH114
MATPHY1	Mathematical Methods in Physics 1	3	MATH114
PHYFUN4	Physics Fundamentals 4	3	PHYFUN3
BAELEC1	Basic Electronics 1	3	PHYFUN2
LBYPHYK	Basic Electronics Lab 1	1	LBYPHY2
Total Units		18	

Second Trimester, SY 2014-2015			
Course Code	Course Title	Units	Prerequisite
SOLSTAT	Solid State Physics	3	STATMEC,QUMEONE
PHYSEMI	Physics Seminar	1	SPEECOM
FUNMAT2	Fundamentals of Materials Science 2	3	FUNMAT1
LBYPHY5	Materials Science Lab 1	1	FUNMAT1
COMETPY	Computational Methods in Physics	3	COMPHY2
LBYCH34	Organic Chemistry 1 (lab)	1	INOCHE2, LBYCH15
SOCTEC2	Integrated Social Science, Technology &	3	
TREDTRI	The Christian and the Word	3	TREDTWO
Total Units		18	

Second Trimester, SY 2015-2016			
Course Code	Course Title	Units	Prerequisite
QUMETWO	Quantum Mechanics 2	3	QUMEONE
THSPHY3	Physics Research 3	1	THSPHY2
INPHOTO	Introduction to Photonics	3	PHYFUN3
LBYPHY8	Introduction to Photonics (lab)	1	INPHOTO
FILDAR	Pagbabasa at Pagsulat sa Iba't Ibang	3	FILKOMU
HUMAART	Art Appreciation	3	
Total Units		14	

Third Trimester, SY 2012-2013			
Course Code	Course Title	Units	Prerequisite
MATH113	Analysis 1	4	MATH111
PHYFUN2	Physics Fundamentals 2	3	PHYFUN1
LBYPHY2	Physics Fundamentals Lab 2	1	PHYFUN2(C),LBYPHYX
COMPHY2	Computer for Physics 2	3	COMPHY1
KASPIL2	Kasaysayan ng Pilipinas	3	
ENGLRES	Basic Research Skills/English for Specific Purposes	3	ENGLCOM
FTSPORT	Physical Fitness & Wellness in Individual/Dual Sports	2	
NSTP-C2/R2	NSTP Program - Civic Welfare Training Service/ Military Science 2	(3)	NSTP-C1/R1
LASARE1	Lasallian Recollection 1	0	
Total Units		17+2(3)	

Third Trimester, SY 2013-2014			
Course Code	Course Title	Units	Prerequisite
ELECMA1	Electricity & Magnetism 1	3	MATPHY1, PHYFUN2
STATMEC	Statistical Mechanics	3	PHYFUN2, MATPHY2
MATPHY2	Mathematical Methods in Physics 2	3	MATPHY1
ANALCHE	Analytical Chemistry 1 (lec)	3	INOCHE2
LBYCH22	Analytical Chemistry (lab)	1	LBYCH15
HUMALIT	Introduction to Literature	3	
TREDTWO	The Filipino Christian in a Changing World	3	TREDONE
Total Units		19	

Third Trimester, SY 2014-2015			
Course Code	Course Title	Units	Prerequisite
CLASME1	Classical Mechanics 1	3	PHYFUN1, MATPHY1
SEMPHYS	Semiconductor Physics	3	SOLSTAT
STRUANA	Structural Analysis	3	FUNMAT2
LBYPHY6	Materials Science Lab 2	2	LBYPHY5
THSPHY1	Physics Research 1	1	PHYSEMI
BAELEC2	Basic Electronics 2	3	BAELEC1
LBYPHYL	Basic Electronics Lab 2	1	LBYPHYK
GREATWK	Great Works	3	
Total Units		19	

Summer, SY 2014-2015			
Course Code	Course Title	Units	Prerequisite
PRCPHYS	Practicum for Physics Majors	3	
Total Units		3	

Academic Units 198
Non-Academic Units 12
Total Units 210

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. Thank you.