

BACHELOR OF SCIENCE IN PHYSICS
Revised Curriculum, Effective Freshman Batch, First Semester, SY 2011-2012

FIRST YEAR

<u>FIRST SEMESTER</u>		UNITS	<u>SECOND SEMESTER</u>		UNITS
EN 11	Communications in English I	3	EN 12	Communications in English II	3
LIT 13	Introduction To Fiction	3	LIT 14	Introduction to Poetry and Drama	3
FIL 11	Sining ng Pakikipagtalastasan sa Filipino I	3	FIL 12	Sining ng Pakikipagtalastasan sa Filipino II	3
MA 18 A	Principles of Modern Mathematics I	3	MA 21	Mathematical Analysis I	6
MA 18 B	Principles of Modern Mathematics II	3	PS 51	Physics I (Lecture)	3
CE 21	Introduction to Computing	3	PS 51.1	Physics I (Laboratory)	1
PE 1	Physical Education	(2)	PE 2	Physical Education	(2)
INTAC 1	Intro. to Ateneo Culture and Traditions	(0)	INTAC 2	Intro. to Ateneo Culture and Traditions	(0)
		<u>18</u>			<u>19</u> 37

SECOND YEAR

<u>FIRST SEMESTER</u>		UNITS	<u>SECOND SEMESTER</u>		UNITS
SA 21	Introduction to Sociology and Anthropology	3	FIL 14	Ang Panitikan ng Pilipinas	3
TH 121	Introduction to Doing a Catholic Theology	3	BI 15 and	General Biology (Lecture and Laboratory)	5
MA 22	Mathematical Analysis II	3	BI 15.1		
CH 7 and	General Chemistry	5	PS 126	Physical Mathematics I	3
CH 8			PS 127	Physical Mathematics II	3
PS 52	Physics II (Lecture)	3	PS 53	Physics III (Lecture)	3
PS 52.1	Physics II (Laboratory)	1	PS 53.1	Physics III (Laboratory)	1
PE 3	Physical Education	(2)	PE 4	Physical Education	(2)
NSTP 1	National Service Training Program	(3)	NSTP 2	National Service Training Program	(3)
		<u>18</u>			<u>18</u> 36

THIRD YEAR

<u>FIRST SEMESTER</u>		UNITS	<u>SECOND SEMESTER</u>		UNITS
PSY 101	General Psychology	3	POS 100	Politics and Governance	3
HI 16 or 18	Asian/Western History (Choose One)	3	EC 102	Basic Economics	3
FLC	Foreign Language and Culture	3	PS 101	Classical Mechanics I	3
PS 128	Physical Mathematics III	3	PS 146	Physical Electronics (Lecture)	3
PS 129	Physical Mathematics IV	3	PS 146.1	Physical Electronics (Laboratory)	1
PS 54	Physics IV (Lecture)	3	PS 171	Electromagnetics	3
PS 54.1	Physics IV (Laboratory)	1	ELECTIVE	Free Elective	3
		<u>19</u>			<u>19</u> 38

FOURTH YEAR

<u>FIRST SEMESTER</u>		UNITS	<u>SECOND SEMESTER</u>		UNITS
PH 101	Philosophy of the Human Person I	3	PH 102	Philosophy of the Human Person II	3
TH 131	Marriage, Family Life and Human Sexuality in a Catholic Perspective	3	HI 166	Philippine History	3
HI 165	Rizal and the Emergence of the Philippine Nation	3	PS 165	Optics (Lecture)	3
PS 102	Classical Mechanics II	3	PS 165.1	Optics (Laboratory)	1
PS 172	Electromagnetic Energy Transfer	3	PS 130	Computational Physics (Lecture)	3
PS 197	Introduction to Quantum Mechanics I	3	PS 130.1	Computational Physics (Laboratory)	1
PS 199.5	Undergraduate Thesis I	1	PS 113	Intro. To Thermodynamics and Stat. Mech.	3
		<u>19</u>	PS 199.6	Undergraduate Thesis II	2
					<u>19</u> 38

FIFTH YEAR

<u>SUMMER</u>		UNITS			
PS SP/OJT	Physics Specialization Course or OJT **	3			
		<u>3</u>			3
<u>FIRST SEMESTER</u>		UNITS	<u>SECOND SEMESTER</u>		UNITS
PH 103	Philosophy of Religion	3	PH 104	Foundation of Moral Values	3
TH 141	Theology of the Catholic Social Vision	3	TH 151	The Catholic Commitment of Today's Filipino	3
PS 118	Solid State Physics (Lecture)	3	PS 199.8	Undergraduate Thesis IV	1
PS 118.1	Solid State Physics (Laboratory)	1	PS SP	Physics Specialization Course	3
PS 199.7	Undergraduate Thesis III	2	PS SP	Physics Specialization Course	3
PS SP	Physics Specialization Course	3	ELECTIVE	Free Elective	3
		<u>15</u>			<u>16</u> 31

TOTAL UNITS: 183

** The student has the option of either taking an OJT (On-The-Job Training) during the Summer or enrolling in a Physics Specialization Course during the First Semester of the 5th year.