



BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

Revised Curriculum Academic Year 2012-2013

CODE	DESCRIPTIVE TITLE	Total Units	Lec Units	Lab Units	Pre-requisite
1st Year, First Semester					
_____	ENG100	English Competency	3	3	
_____	FIL101	Komunikasyon sa Akademikong Pilipino	3	3	
_____	MAT100	Competency in Mathematics	3	3	
_____	PSY101	General Psychology w/ HIV / AIDS Education	3	3	
_____	IT101	IT Fundamentals	3	2	1
_____	IT102	Computer Programming 1	3	2	1
_____	PE1	Physical Fitness	(2)	2	
_____	NSTP1	National Service Training Program	(3)	3	
			<u>18/23</u>		
1st Year, Second Semester					
_____	ENG101	Communication Arts in English 1	3	3	ENG100
_____	FIL102	Pagbasa at Pagsulat Tungo sa Pananaliksik	3	3	FIL101
_____	MAT101	College Algebra	3	3	MAT100
_____	HUM101	Art, Man and Society	3	3	
_____	IT103	Computer Programming 2	3	2	1
_____	IT104	Operating Systems Application	3	3	IT101
_____	IT105	Graphic and Web Design	1		1
_____	PE2	Rhythmic Activities	(2)	2	PE1
_____	NSTP2	National Service Training Program	(3)	3	NSTP1
			<u>19/24</u>		
2nd Year, First Semester					
_____	ENG102	Communication Arts in English 2	3	3	ENG101
_____	MAT104	Trigonometry	3	3	MAT101
_____	SOC102	Society and Culture with Family Planning	3	3	
_____	IT106	Object Oriented Programming	3	2	1
_____	IT107	Introduction to Networking	3	2	1
_____	IT108	Digital Photography, Film and Video Editing	1		1
_____	IT109	Discrete Structure	3	3	MAT101
_____	MGT1	Principles of Management and Business Organization	3	3	
_____	PE3	Individual / Dual Sports	(2)	2	PE1
			<u>22/24</u>		
2nd Year, Second Semester					
_____	ENG3A	Technical Writing	3	3	ENG102
_____	PHILGOV	Philippine Government and Constitution	3	3	
_____	MAT3B	Probability and Statistics	3	3	
_____	IT110	Database Management System	3	2	1
_____	IT111	WEB Programming	3	2	1
_____	IT112	Digital Design	3	3	IT101
_____	IT113	Professional Ethics	3	3	
_____	PRACT_IT1	Practicum/Work Integrated Learning	3	3	IT106
_____	PE4	Team Sports	(2)	2	PE1
			<u>24/26</u>		



3rd Year, First Semester

_____	ANTHRO	Anthropology	3	3		
_____	NATSCI1	Physical Science	3	3		
_____	IT114	Advance Database Management Systems	3	2	1	IT110
_____	RESEARCH	Methods of Research	3	3		MAT3B
_____	IT115	Computer Organization and ASM Language	3	2	1	IT112
_____	IT116	Network Management	3	2	1	IT107
_____	ACCTG A	Principles of Accounting 1	3	3		
			<u>21/21</u>			

3rd Year, Second Semester

_____	RIZAL	Life and Works of Rizal	3	3		
_____	LIT102	World Literature	3	3		
_____	NATSCI2	Biological Science with Ecology	3	3		
_____	IT117	Advanced Networking	3	2	1	IT116
_____	IT118	Computer Animation	1		1	IT111
						IT110,
_____	IT119	System Analysis and Design	3	3		RESEARCH
_____	IT120	Game Programming Fundamentals	3	2	1	IT111
_____	ACCTG B	Partnership and Corporation	3	3		ACCTG A
			<u>22/22</u>			

3rd Year, Summer

_____	PRACT_IT2	Practicum/Work Integrated Learning	6			PRACT_IT1
			<u>6</u>			

4th Year, First Semester

_____	THESIS1	Technopreneurship	3	3		4th year level
_____	IT121	Systems Engineering	1		1	IT119
_____	IT122	Software Engineering	3	2	1	IT119
_____	IT123	Multimedia Engineering	3	2	1	IT108
_____	IT124	Computer Security	3	3		IT117
_____	IT125	Programming Languages	3	3		IT111
_____	IT126	Modelling and Simulation	3	3		IT120
			<u>19/19</u>			

4th Year, Second Semester

_____	THESIS2	Capstone Project	3	3		THESIS1
_____	IT127	Advance Network Programming	3	2	1	IT124
_____	IT128	Seminars and Fieldtrips	3	3		4th year level
_____	IT129	Information Systems	3	3		IT119
_____	IT130	IT Portfolio and Exhibit	1		1	IT123
_____	HUM102	World Culture	3	3		
			<u>16/16</u>			

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Revised Curriculum Academic Year 2012-2013

CODE	DESCRIPTIVE TITLE	Total Units	Lec Units	Lab Units	Pre-requisite
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1st Year, First Semester

_____	ENG100	English Competency	3	3	
_____	FIL101	Komunikasyon sa Akademikong Pilipino	3	3	
_____	MAT100	Competency in Mathematics	3	3	
_____	PSY101	General Psychology w/ HIV / AIDS Education	3	3	
_____	CS101	CS Fundamentals	3	2	1
_____	CS102	Computer Programming 1	3	2	1
_____	PE1	Physical Fitness	(2)	2	
_____	NSTP1	National Service Training Program	(3)	3	
			<u>18/23</u>		

1st Year, Second Semester

_____	ENG101	Communication Arts in English 1	3			ENG100
_____	FIL102	Pagbasa at Pagsulat Tungo sa Pananaliksik	3			FIL101
_____	MAT101	College Algebra	3			MAT100
_____	HUM101	Art, Man and Society	3			
_____	CS103	Computer Programming 2	3	2	1	CS101
_____	CS104	Data Structures	3	3		CS102
_____	CS105	Graphic and Web Design	1		1	
_____	PE2	Rhythmic Activities	(2)	2		PE1
_____	NSTP2	National Service Training Program	(3)	3		NSTP1
			<u>19/24</u>			

2nd Year, First Semester

_____	ENG102	Communication Arts in English 2	3	3		ENG101
_____	MAT104	Trigonometry	3	3		MAT101
_____	SOC102	Society and Culture with Family Planning	3	3		
_____	CS106	Object Oriented Programming	3	2	1	CS103
_____	CS107	Design and Analysis of Algorithm	3	3		CS104
_____	CS108	Digital Photography, Film and Video Editing	1		1	CS105
_____	CS109	Discrete Structure	3	3		MAT101
_____	MGT1	Principles of Management and Business Organization	3	3		
_____	PE3	Individual & Dual Sports	(2)	2		PE1
			<u>22/24</u>			

2nd Year, Second Semester

_____	ENG3A	Technical Writing	3	3		ENG102
_____	PHILGOV	Philippine Government and Constitution	3	3		
_____	MAT3B	Probability and Statistics	3	3		
_____	CS110	Database Management System	3	2	1	CS106
_____	CS111	Automata and Language Theory	3	3		CS107
_____	CS112	Digital Design	3	3		CS101
_____	CS113	Professional Ethics	3	3		
_____	PE4	Team Sports	(2)	2		PE1
			<u>21/23</u>			



3rd Year, First Semester

_____	MAT5B	Calculus	3	3		MAT104
_____	NATSCI1	Physical Science	3	3		
_____	CS114	WEB Programming	3	2	1	CS110
_____	RESEARCH	Methods of Research	3	3		MAT3B
_____	CS115	Computer Organization and ASM Language	3	2	1	CS112
_____	CS116	.NET Programming	3	2	1	CS106
_____	ACCTG A	Principles of Accounting 1	3	3		
			<u>3</u>	<u>3</u>		
			21/21			

3rd Year, Second Semester

_____	RIZAL	Life and Works of Rizal	3	3		
_____	LIT102	World Literature	3	3		
_____	NATSCI2	Biological Science with Ecology	3	3		
_____	CS117	Advanced .NET Programming	3	2	1	CS116
_____	CS118	Advanced PHP	3	2	1	CS114
_____	CS119	System Analysis and Design	3	3		CS110, RESEARCH
_____	CS120	Game Programming Fund	3	2	1	CS114
_____	ACCTG B	Partnership and Corporation	3	3		ACCTG A
			<u>3</u>	<u>3</u>		
			24/24			

3rd Year, Summer

_____	PRACT_CS	Practicum/Work Integrated Learning	6			
			<u>6</u>			
			6			

4th Year, First Semester

_____	THESIS	Thesis 1	3	3		CS119
_____	CS121	Mobile Programming	1		1	
_____	CS122	Software Engineering	3	2	1	CS119
_____	CS123	Network Principles and Programming	3	2	1	CS115
_____	CS124	Operating Systems	3	2	1	CS115
_____	CS125	Programming Languages	3	3		CS114
_____	HUM102	World Culture	3	3		
			<u>3</u>	<u>3</u>		
			19/19			

4th Year, Second Semester

_____	THESIS2	Thesis 2	3	3		THESIS1
_____	CS126	Advanced Network Programming	3	2	1	CS123
_____	CS127	Artificial Intelligence	3	3		CS120
_____	CS128	Information Systems	3	3		CS119
_____	CS129	Modeling and Simulation	3	3		CS120
_____	ANTHRO	Anthropology	3	3		
			<u>3</u>	<u>3</u>		
			18/18			