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COLLEGE OF INFORMATICS AND COMPUTING SCIENCES
Bachelor of Science in Information Technology
BUSINESS ANALYTICS TRACK

Academic Year 2018-2019

Reference: **CMO No. 25 series of 2015, CMO No. 4 series of 2018, CMO No. 20 series of 2013**

Name: DE LA CRUZ, JUAN S. (SANTOS) Sex: MALE
Student Number: 19-12345

Final Grade	Course Code	Course Title	Unit/s	Hours		Pre-Requisite/s	Co-Requisite/s
				Lec	Lab		

FIRST YEAR
First Semester

<u>1.25</u>	IT 111	Introduction to Computing	3	2	3	-
<u>INC/1.25</u>	GEd 102	Mathematics in the Modern World	3	3	-	-
<u>DRP/3.00</u>	GEd 108	Art Appreciation	3	3	-	-
<u>1.50</u>	Fili 101	Kontekstwalisadong Komunikasyon sa Filipino	3	3	-	-
<u>2.25</u>	PATHFit 1	Movement Competency Training	2	2	-	-
<u>5.00</u>	NSTP 111	National Service Training Program 1	3	3	-	-
<u>2.25</u>	GEd 103	The Life and Works of Rizal	3	3	-	-
<u>1.00</u>	GEd 104	The Contemporary World	3	3	-	-
TOTAL			23	22	3	

FIRST YEAR
Second Semester

	CS 111	Computer Programming	3	2	3	IT 111
	CS 131	Data Structures and Algorithms	3	2	3	IT 111
	MATH 111	Linear Algebra	3	3	-	GEd 102
	Fili 102	Filipino sa Iba't Ibang Disiplina	3	3	-	-
	GEd 105	Readings in Philippine History	3	3	-	-
	GEd 109	Science, Technology and Society	3	3	-	-
	PATHFit 2	Exercise-Based Fitness Activities	2	2	-	PATHFit 1
	NSTP 121	National Service Training Program 2	3	3	-	NSTP 111
TOTAL			23	21	6	

SECOND YEAR
First Semester

	CS 121	Advanced Computer Programming	3	2	3	CS 111
	IT 211	Database Management System	3	2	3	CS 111
	CS 211	Object-Oriented Programming	3	2	3	CS 111, CS 131
	Litr 102	ASEAN Literature	3	3	-	-
	CpE 405	Discrete Mathematics	3	3	-	MATH 111
	Phy 101	Calculus-Based Physics	3	2	3	MATH 111
	IT 212	Computer Networking 1	3	2	3	IT 111
	PATHFit 3	Menu of Dance, Sports, Martial Arts, Group Exercise, Outdoor & Adventure Activities	2	2	-	PATHFit 2
		Menu Offering: Traditional and Recreational Games				
TOTAL			23	18	15	

SECOND YEAR
Second Semester

	IT 221	Information Management	3	2	3	IT 111
	IT 223	Computer Networking 2	3	2	3	IT 212

Final Grade	Course Code	Course Title	Unit/s	Hours		Pre-Requisite/s	Co-Requisite/s
				Lec	Lab		
SECOND YEAR							
Second Semester							
	IT 222	Advanced Database Management System	3	2	3	IT 211	
	MATH 408	Data Analysis	3	3	-	MATH 111	
	ES 101	Environmental Sciences	3	2	3	Phy 101	
	GEd 106	Purposive Communication	3	3	-	-	
	GEd 101	Understanding the Self	3	3	-	-	
	PATHFit 4	Menu of Dance, Sports, Martial Arts, Group Exercise, Outdoor & Adventure Activities	2	2	-	PATHFit 3	
		Menu Offering: Team Sports (Basketball and Volleyball)					
TOTAL			23	19	12		
THIRD YEAR							
First Semester							
	IT 311	Systems Administration and Maintenance	3	2	3	IT 221,IT 222	
	IT 312	System Integration and Architecture	3	2	3	CS 131	
	BAT 401	Fundamentals of Business Analytics	3	2	3	IT 221, IT 222	
	BAT 402	Fundamentals of Analytics Modeling	3	2	3	IT 221, IT 222	
	IT 313	System Analysis and Design	3	2	3	IT 222	
	IT 314	Web Systems and Technologies	3	2	3	CS 211	
	GEd 107	Ethics	3	3	-	-	
TOTAL			21	15	18		
THIRD YEAR							
Second Semester							
	IT 321	Human-Computer Interaction	3	3	-	IT 314	
	BAT 403	Fundamentals of Enterprise Data Management	3	2	3	BAT 401	
	BAT 404	Analytics Techniques and Tools	3	2	3	BAT 402	
	IT 322	Advanced Systems Integration and Architecture	3	2	3	IT 312	
	IT 323	Information Assurance and Security	3	2	3	IT 223	
	IT 324	Capstone Project 1	3	3	-	Third Year Standing	
	IT 325	IT Project Management	3	3	-	IT 313	
TOTAL			21	17	12		
MIDTERM							
	IT 331	Application Development and Emerging Technologies	3	2	3	IT 321	
	IT 332	Integrative Programming and Technologies	3	2	3	IT 314	
TOTAL			6	4	6		
FOURTH YEAR							
First Semester							
	CS 423	Social Issues and Professional Practice	3	3	-	-	-
	IT 411	Capstone Project 2	3	3	-	IT 324	
	BAT 405	Analytics Application	3	2	3	BAT 404	
	ENGG 405	Technopreneurship	3	3	-	-	
	IT 413	Advanced Information Assurance and Security	3	2	3	IT 323	
	IT 414	Systems Quality Assurance	3	2	3	IT 325	
	IT 412	Platform Technologies	3	3	-	IT 332	
TOTAL			21	18	9		
FOURTH YEAR							
Second Semester							
	IT 421	IT Internship Training	6	-	500	Fourth Year Standing	
TOTAL			6	-	500		