PROGRAM OF STUDY (Business Analytics Track)

Bisnetho, Val Smit - 118-63264

213554	FIRST VEAR							
Code	FIRST SEM Course Title	ESTER	Units	Lec	Lab	Prerequisite		
IT III	Introduction to Computing	1.14	3	2	3:			
GE4 102	Mathematics in the Modern World	1.74	3	3	-			
GEd 108	Art Appreciation	120	- 3	3	-			
FILI 101	Kontekstwalisadong Komunikasyon sa Filipino	100	3	3	-			
PE 101	Physical Fitness, Gymnastics and Acrobics	7.2-	2	2	- 3-3	-		
NSTP 111	National Service Training Program 1	1.1	3	3		70.		
GEd 103	The Life and Works of Rizal	1-10	3	3	200			
GEd 104	The Contemporary World	2.40	3	3	-	-		
		TOTAL	2.3	12	3			

	FIRST YEAR							
	SECOND SEMESTER							
Code	Course Title	40000	Umits	Lec	Lab	Prerequisite		
CS 111	Computer Programming	1.25	3	2	3	IT 111		
CS 131	Data Structures and Algorithms	1.14	3	2	3	IT 111		
MATH III	Linear Algebra	12	3	3	-	GEd 102		
FILI 102	Filipino sa Iba't Ibang Disiplina	2 21	3	3				
GE4 105	Readings in Philippine History	2.00	3	3	-			
GEd 109	Science, Technology and Society	1.14	3	3	-	-		
PE 102	Rhythmic Activities	1. 14.	2	2		PE 101		
NSTP 121	National Service Training Program 2	1.24	- 3	3		NSTP-111		
		TOTAL	23	21	6			

SECOND YEAR FIRST SEMESTER							
Code	Course Title		Units	Lec	Lab	Prerequisite	
CS 121	Advanced Computer Programming	/. W	3	2	3	CS 111	
IT 211	Database Management System	200	3	2	3	CS 111	
CS 211	Object-Oriented Programming	1.4	3	2	3	CS 111, CS 131	
LITR 102	ASEAN Literature	1.34	3	3	-		
CpE 405	Discrete Mathematics	/. W =	3	3		MATHILL	
PHY 101	Calculus Based Physics	2-24	- 3	2	3	MATH 111	
T 212	Computer Networking I	1.0	3	2	3	IT 111	
PE 103	Individual and Dual Sports	1.00	2	2	100	PE 101	
Bullion		TOTAL	23	1.8	15	ALC: HE	

SECOND YEAR SECOND SEMESTER						
Code	Course Title		Units	Lec	Lab	Prerequisite
IT 221	Information Management	1.00	3	2	3	IT 111
IT 223	Computer Networking 2	1-25	3	2	3	IT 212
IT 222	Advanced Database Management System	1.74	3	2	3	IT 211
MATH 408	Data Analysis	1.75	3	3		MATH 111
ES 101	Environmental Sciences	2.00	3	2	3	PHY 101
GEd 106	Purposive Communication	1. 74	3	3		-
GEd 101	Understanding the Self	120	3	3	-	
PE 104	Team Sports	50	2	2		PE 101
		TOTAL	23	19	12	

	THIRD YEAR							
FIRST SEMESTER								
Code	Course Title		Units	Lec	Lab	Prerequisite		
IT 311	Systems Administration and Maintenance	Lw	3	2	3	IT 221,IT 222		
IT 312	System Integration and Architecture	/ W	3	2	3	CS 131		
BAT 401	Fundamentals of Business Analytics	140	3	2	3	IT 221,IT 222		
BAT 402	Fundamentals of Analytics Modeling	1.2	3	2	3	IT 221,IT 222		
IT 313	System Analysis and Design	1-71	3	2	3	IT 222		
IT 314	Web Systems and Technologies	1.00	3	2	3	CS 211		
GEd 107	Ethics	1.00	3	3				
		TOTAL	21	15	18			

	THIRD YEAR							
SECOND SEMESTER								
Code	Course Title		Units	Lec	Lab	Prerequisite		
IT 321	Human-computer interaction	60	3	3		IT 314		
BAT 403	Fundamentals of Enterprise Data Management	1.35	3	2	3	BAT 401		
BAT 404	Analytics Techniques & Tools	1-74	3	2	3	BAT 402		
IT 322	Advanced System Integration and Architecture	1.00	3	2	3	IT 312		
IT 323	Information Assurance and Security	1.74	3	2	3	IT 223		
IT 324	Capstone Project 1	02.	3	3		Regular 3rd Year		
IT 325	1T Project Management	1.35	3	3		IT 313		
		TOTAL.	21	17	12			

	THIRD YEAR					
MIDTERM						
Code	Course Title	Units Lec I		Lah	Prerequisite	
IT 331	Application Development and Emerging Technologies / M	3	2	3	IT 321	
IT 332	Integrative Programming and Technologies 1,40	3	3		IT 314	
	TOTAL	6	5	3		

	FOURTH YEAR							
FIRST SEMESTER								
Code	· Course Title		Units	Lec	Lab	Prerequisite		
CS 423	Social Issues and Professional Practice	1.00	3	3	-			
IT 411	Capstone Project 2	175	3	3		IT 324		
BAT 405	Analytics Application	1.30	3	2	3	BAT 404		
ENGG 405	Technopreneurship	7.50	3	3	-			
IT 413	Advanced Information Assurance and Security	7.75	3	2	3	IT 323		
IT 414	System Quality Assurance	1.75	3	2	3	IT 325		
IT 412	Platform Technologies	1.76	3	3	-	IT 332		
	A STATE OF THE STA	TOTAL	21	18	9			

	FOURTH YEAR				
SECOND	SEMESTER				
Code	Course Title	Units	Lec	Lab	Prerequisite
IT 421	Internship Training	6		500	Regular 4th Year
	TOTAL	- 6	-	500	

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