

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

(Curriculum applicable to students who entered as freshmen beginning school year 2018-2019)

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites		
1	1	CS126-8	Computer Programming 1	3.0	-	2.0				
		CS126-8L	Computer Programming Laboratory 1	-	4.5	1.0				
		FW01	Physical Activities Towards Health and Fitness 1	3.0	-	2.0				
		GED101	Understanding the Self	4.5	-	3.0				
		GED103	Readings in Philippine History	4.5	-	3.0				
		IT101-8	Introduction to Information Technology	4.5	-	3.0				
		IT152-8L	Computer Hardware and Troubleshooting	-	4.5	1.0				
		NSTP100	National Service Training Program 1	-	4.5	1.5				
Total				19.5	13.5	16.5				
1	2	CS127-8	Computer Programming 2	3.0	-	2.0				
		CS127-8L	Computer Programming 2 Laboratory	-	4.5	1.0				
		FW02	Physical Activities Towards Health and Fitness 2	3.0	-	2.0				
		GED105	The Contemporary World	4.5	-	3.0				
		GED108	Art Appreciation	4.5	-	3.0				
		IT130L	Web Systems and Technologies 1 Laboratory	-	4.5	1.0				
		NSTP200	National Service Training Program 2	-	4.5	1.5				
		Total				15.0	13.5	13.5		
1	3	CS133-8	Data Structures and Algorithms	4.5	-	3.0				
		FW03	Physical Activities Towards Health and Fitness 3	3.0	-	2.0				
		GED104	Science, Technology, & Society	4.5	-	3.0				
		IT131-8	Information Management	3.0	-	2.0				
		IT131-8L	Information Management Laboratory	-	4.5	1.0				
		IT134-8	Information Systems and Business Processes	4.5	-	3.0				
		NSTP300	National Service Training Program 3	-	4.5	1.5				
		Total				19.5	9.0	15.5		
1	4	CS129-8	Object Oriented Programming	3.0	-	2.0				
		CS129-8L	Object Oriented Programming Laboratory	-	4.5	1.0				
		FIL100	Filipino sa Epektibong Komunikasyong Pangpropesyunal	4.5	-	3.0				
		FW04	Physical Activities Towards Health and Fitness 4	3.0	-	2.0				
		GED106	Purposive Communication	4.5	-	3.0				
		IT184-8L	Fundamentals of Networking 1	-	4.5	1.0				
		NSTP400	National Service Training Program 4	-	4.5	1.5				
		Total				15.0	13.5	13.5		
		2	1	CS128-8	Event Driven/GUI Programming	3.0	-	2.0		
CS128-8L	Event Driven/GUI Programming Laboratory			-	4.5	1.0				
FIL110	Panitikang Filipino			4.5	-	3.0				
IT150-8	Computer Architecture and Organization			3.0	-	2.0				
IT150-8L	Computer Architecture and Organization Laboratory			-	4.5	1.0				
IT185-8L	Fundamentals of Networking 2			-	9.0	2.0				
RZL110	Life and Works of Rizal			4.5	-	3.0				
Total				15.0	18.0	14.0				
2	2	CS158-8	Artificial Intelligence	4.5	-	3.0				
		GED102	Mathematics in the Modern World	4.5	-	3.0				
		GED107	Ethics	4.5	-	3.0				
		IT186-8L	Advanced Computer Network 1	-	9.0	2.0				
		LIT110	Great Books	4.5	-	3.0				
Total				18.0	9.0	14.0				
2	3	CS137-8	Discrete Mathematics 1	4.5	-	3.0				
		CS170	Introduction to Data Science	4.5	-	3.0				
		IS165	Information Security and Assurance 1	4.5	-	3.0				
		IT127	Systems Integration and Architecture 1	3.0	-	2.0				
		IT127L	Systems Integration and Architecture 1 Laboratory	-	4.5	1.0				
		IT143	Human Computer Interaction 1	4.5	-	3.0				

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		IT187-8L	Advanced Computer Network 2	-	4.5	1.0		
Total				21.0	9.0	16.0		
2	4	CS131-8	Data Warehousing and Data Mining	3.0	-	2.0		
		CS131-8L	Data Warehousing and Data Mining Laboratory	-	4.5	1.0		
		IT128	Systems Integration and Architecture 2	3.0		2.0		
		IT128L	Systems Integration and Architecture 2 Laboratory	-	4.5	1.0		
		IT154-8	Operating Systems	3.0		2.0		
		IT154-8L	Operating Systems Laboratory		4.5	1.0		
		MATH154-1	Quantitative Methods	4.5	-	3.0		
			Professional Elective 1	4.5	-	3.0		
Total				18.0	13.5	15.0		
3	1	CS143-8	Human Computer Interaction 2	3.0		2.0		
		CS143-8L	Human Computer Interaction 2 Laboratory		4.5	1.0		
		IS139	Project Management	4.5	-	3.0		
		IT119	Research Methods in Information Technology	4.5	-	3.0		
		IT129	Systems Administration and Maintenance	3.0	-	2.0		
		IT129L	Systems Administration and Maintenance Laboratory	-	4.5	1.0		
			Professional Elective 2	4.5	-	3.0		
Total				19.5	9.0	15.0		
3	2	IT120P	Application Development and Emerging Technologies	3.0	4.5	3.0		
		IT135-8	Web Systems and Technologies 2	3.0	-	2.0		
		IT135-8L	Web Systems and Technologies 2 Laboratory	-	4.5	1.0		
		IT145-8	Social and Professional Issues	4.5	-	3.0		
		IT166-1	Information Security and Assurance 2	3.0	-	2.0		
		IT166-1L	Information Security and Assurance 2 Laboratory	-	4.5	1.0		
		IT200-01	Thesis 1	1.5	-	1.0		
			Professional Elective 3	4.5	-	3.0		
Total				19.5	13.5	16.0		
3	3	IT136	Software Quality	3.0	-	2.0		
		IT136L	Software Quality Laboratory		4.5	1.0		
		IT199-8R	Practicum 1	4.5	-	3.0		
		IT200-02	Thesis 2	1.5	-	1.0		
			Free Elective 1	4.5	-	3.0		
			Professional Elective 4	4.5	-	3.0		
Total				18.0	4.5	13.0		
3	4	IT199-9R	Practicum 2	4.5	-	3.0		
		IT199F	Career Development and Seminar in IT	-	4.5	1.0		
		IT200-03	Thesis 3	1.5	-	1.0		
		SGE100	Student Global Experience	0.0	-	0.0		
			Free Elective 2	4.5	-	3.0		
Total				10.5	4.5	8.0		
TOTAL PROGRAM UNITS						170.0		