

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY (STO. TOMAS) (CY 2018-19)

FIRST YEAR

First Semester

Subject Code	Prereq	Co-req	Description	Lec Hours	Lab Hours	Credited Units	Tuition Hours
ACCO 20213			Accounting Principles	3	0	3	3
COMP 20013			Introduction to Computing	2	3	3	5
COMP 20023			Computer Programming 1	2	3	3	5
GEED 10053			Mathematics in the Modern World	3	0	3	3
GEED 10063			Purposive Communication	3	0	3	3
GEED 10103			Filipinolohiya at Pambansang Kaunlaran	3	0	3	3
NSTP 10013			CWTS/ROTC	3	0	3	0
PHED 01			Physical Education 1	2	0	2	2
TOTAL UNITS						23/(0)	24

Second Semester

Subject Code	Prereq	Co-req	Description	Lec Hours	Lab Hours	Credited Units	Tuition Hours
COMP 20033	COMP 20023		Computer Programming 2	2	3	3	5
COMP 20043	GEED 10053		Discrete Structures 1	3	0	3	3
GEED 10033			Readings in Philippine History	3	0	3	3
GEED 10113	GEED 10103		Pagsasalin sa Kontekstong Filipino	3	0	3	3
GEED 20023			Politics, Governance and Citizenship	3	0	3	3
NSTP 10023			CWTS/ROTC	3	0	3	0
PHED 02			Physical Education 2	2	0	2	2
TOTAL UNITS						20/(0)	19

Summer Semester

Subject Code	Prereq	Co-req	Description	Lec Hours	Lab Hours	Credited Units	Tuition Hours
No subject							

SECOND YEAR

First Semester

Subject Code	Prereq	Co-req	Description	Lec Hours	Lab Hours	Credited Units	Tuition Hours
COMP 20063	COMP 20033		Data Structures and Algorithms	2	3	3	5
COMP 20103	COMP 20013		Operating Systems	2	3	3	5
COMP 20173			Data Communications and Networking	2	3	3	5
GEED 10023			Understanding the Self	3	0	3	3
GEED 10223			World Literature	3	0	3	3
GEED 20093			Reading Visual Arts	3	0	3	3
INTE 30013	COMP 20033		Programming 3 (Structured Programming)	2	3	3	5
PHED 03			Physical Education 3	2	0	2	2
TOTAL UNITS						23/(0)	31

Second Semester

Subject Code	Prereq	Co-req	Description	Lec Hours	Lab Hours	Credited Units	Tuition Hours
COMP 20083	COMP 20033		Object Oriented Programming	2	3	3	5
COMP 20093	INTE 30013		Information Management	2	3	3	5
COMP 20143	COMP 20023		Human Computer Interaction	3	0	3	3
COMP 20193	COMP 20173		Network Administration	2	3	3	5
COMP 20203			Quantitative Methods with Modeling and Simulation	3	0	3	3
GEED 20113			People and the Earth's Ecosystem	3	0	3	3
INTE 30023			Integrative Programming and Technologies 1	2	3	3	5
PHED 04			Physical Education 4	2	0	2	2

TOTAL UNITS	23/(0)	31
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Summer Semester

Subject Code	Prereq	Co-req	Description	Lec Hours	Lab Hours	Credited Units	Tuition Hours
<i>No subject</i>							

THIRD YEAR

First Semester

Subject Code	Prereq	Co-req	Description	Lec Hours	Lab Hours	Credited Units	Tuition Hours
COMP 20123			Fundamentals of Research	3	0	3	3
COMP 20163	INTE 30023		Web Development	2	3	3	5
COMP 20213	COMP 20093		Database Administration	2	3	3	5
GEED 10073			Art Appreciation	3	0	3	3
INTE 30033	INTE 30023		Systems Integration and Architecture 1	3	0	3	3
INTE 30043			Multimedia	2	3	3	5
INTE-E1			IT Elective 1	2	3	3	5
TOTAL UNITS						21/(0)	29

Second Semester

Subject Code	Prereq	Co-req	Description	Lec Hours	Lab Hours	Credited Units	Tuition Hours
BUMA 20063			Principles of Management and Organization	3	0	3	3
COMP 20133	COMP 20213		Applications Development and Emerging Technologies	2	3	3	5
COMP 20233			Technopreneurship	3	0	3	3
COMP 20243	COMP 20093		Systems Analysis and Design	3	0	3	3
GEED 10043			The Contemporary World	3	0	3	3
INTE 30063	INTE 30033		Information Assurance and Security 1	2	3	3	5
INTE-E2			IT Elective 2	2	3	3	5
TOTAL UNITS						21/(0)	27

Summer Semester

Subject Code	Prereq	Co-req	Description	Lec Hours	Lab Hours	Credited Units	Tuition Hours
GEED 10093			Ethics	3	0	3	3
INTE 40163	COMP 20243		Capstone Project 1	2	3	3	5
TOTAL UNITS						6/(0)	8

FOURTH YEAR

First Semester

Subject Code	Prereq	Co-req	Description	Lec Hours	Lab Hours	Credited Units	Tuition Hours
COMP 20333	COMP 20013		Social and Professional Issues in IT	3	0	3	3
INTE 40173	INTE 40163		Capstone Project 2	3	0	3	3
GEED 10013			Buhay at Mga Sinulat ni Rizal	3	0	3	3
GEED 10083			Science, Technology and Society	3	0	3	3
INTE 30073	INTE 30063		Information Assurance and Security 2	3	0	3	3
INTE 30083	INTE 30033		Systems Administration and Maintenance	2	3	3	5
INTE-E3			IT Elective 3	2	3	3	5
INTE-E4			IT Elective 4	3	2	3	5
TOTAL UNITS						24/(0)	30

Second Semester

Subject Code	Prereq	Co-req	Description	Lec Hours	Lab Hours	Credited Units	Tuition Hours
INTE 40016	INTE 40163, INTE 30063, COMP 20133		Practicum (500 HOURS)	6	0	6	6
TOTAL UNITS						6/(0)	6