



CURRICULUM CHECKLIST

INFORMATION TECHNOLOGY DEPARTMENT
Curriculum Checklist
BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY
Effective First Semester, S.Y. 2021-2022

BSIT
Bachelor of Science in Information Technology
Per Board Resolution No. 64, s.2018
Per CMO No. 25, s. 2015
*(Rectified: Inclusion of 9 units Gen. Ed. Electives
as per CMO No. 20, series 2013)*

Name : _____ Student No. : _____
(Family Name) (First Name) (M.I.)
 Home Address : _____ Contact No. : _____
 Email Add./FB Account : _____ Parent/Guardian's Contact No. : _____

FIRST YEAR, FIRST SEMESTER, SY _____

Grade	COURSE NO.	DESCRIPTIVE TITLE	No. of Hrs./Wk		Units	Pre-Requisite(s)/Co-Requisite
			Lec	Lab		
	IT 113	Introduction to Computing (*)	2	3	3	none
	IT 134	Computer Programming 1 (*)	3	3	4	none
	GEN. ED. 001	Purposive Communication	3	0	3	none
	GEN. ED. 002	Understanding the Self	3	0	3	none
	GEN. ED. 004	Mathematics in the Modern World	3	0	3	none
	GE. EL. 001	General Education Electives	3	0	3	none
	DRR 113	Disaster Risk Reduction and Education in Emergencies	3	0	3	none
	MATH ENHANCE 1	College Algebra & Trigonometry	3	0	3	none
	PATHFIT 112	Movement Competency Training	2	0	2	none
	NSTP 113	CWTS, LTS, MTS(Naval or Air Force)	3	0	(3)	none
TOTAL			28	6	27	

* Computer Course with computer fee ** Courses with laboratory fee

FIRST YEAR, SECOND SEMESTER, SY _____

Grade	COURSE NO.	DESCRIPTIVE TITLE	No. of Hrs./Wk		Units	Pre-Requisite(s)/Co-Requisite
			Lec	Lab		
	IT 123	Introduction to Human Computer Interaction (*)	2	3	3	IT 134
	IT 143	Discrete Mathematics	3	0	3	none
	IT 163	Computer Programming 2 (*)	2	3	3	IT 134
	GEN. ED. 003	Readings in Philippine History	3	0	3	none
	GEN. ED. 006	Ethics	3	0	3	none
	GEN. ED. 007	The Contemporary World	3	0	3	none
	GE. EL. 002	General Education Electives	3	0	3	none
	PATHFIT 122	Fitness Training	2	0	2	none
	NSTP 123	CWTS, LTS, MTS(Naval or Air Force)	3	0	(3)	NSTP 113
TOTAL			24	6	23	

* Computer Course with computer fee ** Courses with laboratory fee

SECOND YEAR, FIRST SEMESTER, SY _____

Grade	COURSE NO.	DESCRIPTIVE TITLE	No. of Hrs./Wk		Units	Pre-Requisite(s)/Co-Requisite
			Lec	Lab		
	IT 213	Data Structures and Algorithms (*)	2	3	3	IT 134
	IT 233	Object Oriented Programming (*)	2	3	3	IT 163
	IT 253	Platform Technologies (*)	2	3	3	IT 163
	IT 273	Web Systems and Technologies 1 (*)	2	3	3	none
	IT 293	Statistics and Probability	3	0	3	none
	CCNA 213	Introduction to Networks (*)	2	3	3	IT 113
	RIZAL 001	Rizal's Life and Works	3	0	3	none
	PATHFIT 212	Dance, Sport, Group Exercise, Outdoor and Adventure Activities	2	0	2	none
TOTAL			18	15	23	

* Computer Course with computer fee ** Courses with laboratory fee

SECOND YEAR, SECOND SEMESTER, SY _____

Grade	COURSE NO.	DESCRIPTIVE TITLE	No. of Hrs./Wk		Units	Pre-Requisite(s)/Co-Requisite
			Lec	Lab		
	IT 223	Information Management (*)	2	3	3	IT 163
	IT 243	Quantitative Methods	3	0	3	IT 143 & IT 163
	IT 263	Integrative Programming and Technologies 1 (*)	2	3	3	IT 233 & IT 253
	CCNA 223	Routing and Switching Essentials (*)	2	3	3	CCNA 213
	GEN. ED. 005	Art Appreciation	3	0	3	none
	GEN. ED. 008	Science, Technology and Society	3	0	3	none
	GE. EL.003	General Education Electives	3	0	3	Gen Ed 001
	PATHFIT 222	Dance, Sports, Group Exercise, Outdoor and Adventure Activities	2	0	2	none
TOTAL			20	9	23	

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THIRD YEAR, FIRST SEMESTER , SY _____

Grade	COURSE NO.	DESCRIPTIVE TITLE	No. of Hrs./Wk		Units	Pre-Requisite(s)/Co-Requisite
			Lec	Lab		
	IT 313	Advanced Database Systems (*)	2	3	3	IT 223
	IT 333	Systems Analysis and Design (*)	3	0	3	IT 223
	IT 353	Data Mining and Analytics	3	0	3	IT 243
	IT 353A	Systems Integration and Architecture 1 (*)	2	3	3	IT 263
	IT 373	Web Systems and Technology 2 (*)	2	3	3	IT 273
	IT 373A	Event-Driven Programming (*)	2	3	3	IT 213
	IT 393	Social and Professional Issues	3	0	3	none
	CCNA 313	Scaling Networks (*)	2	3	3	CCNA 223
TOTAL			19	15	24	

* Computer Course with computer fee

** Courses with laboratory fee

THIRD YEAR, SECOND SEMESTER , SY _____

Grade	COURSE NO.	DESCRIPTIVE TITLE	No. of Hrs./Wk		Units	Pre-Requisite(s)/Co-Requisite
			Lec	Lab		
	IT 323	Software Engineering	3	0	3	IT 333 & IT 353
	IT 343	Multimedia Systems (*)	2	3	3	none
	IT 343A	IT Electives	3	0	3	none
	IT 363	Information Assurance and Security 1 (*)	2	3	3	IT 353A
	IT 363A	Application Development and Emerging Technologies(*)	2	3	3	IT 313
	CCNA 323	Connecting Networks (*)	2	3	3	CCNA 313
	IT 383	Integrative Programming and Technologies 2 (*)	2	3	3	IT 263
	IT 383A	Systems Integration and Architecture 2 (*)	2	3	3	IT 353A
TOTAL			18	18	24	

* Computer Course with computer fee

** Courses with laboratory fee

SUMMER OR THIRD TERM , SY _____

Grade	COURSE NO.	DESCRIPTIVE TITLE	No. of Hrs./Wk		Units	Pre-Requisite(s)/Co-Requisite
			Lec	Lab		
	IT 303	Information Assurance and Security 2 (*)	2	3	3	IT 363
	IT 303A	Capstone Project and Research 1 (*)	2	3	3	4th Year Standing
TOTAL			4	6	6	

Note: IT 303A AND IT 433 are considered Supervised Independent Study

* Computer Course with computer fee

** Courses with laboratory fee

FOURTH YEAR, FIRST SEMESTER , SY _____

Grade	COURSE NO.	DESCRIPTIVE TITLE	No. of Hrs./Wk		Units	Pre-Requisite(s)/Co-Requisite
			Lec	Lab		
	IT 413	System Administration and Maintenance (*)	2	3	3	IT 303
	IT 433	Capstone Project and Research 2 (*)	2	3	3	IT 303A
TOTAL			4	6	6	

* Computer Course with computer fee

** Courses with laboratory fee

FOURTH YEAR, SECOND SEMESTER , SY _____

Grade	COURSE NO.	DESCRIPTIVE TITLE	No. of Hrs./Wk		Units	Pre-Requisite(s)/Co-Requisite
			Lec	Lab		
	IT 429	Practicum (min.486 hrs)			9	4th Year Standing
TOTAL			0	0	9	

* Computer Course with computer fee

** Courses with laboratory fee

Approved by virtue of Board Resolution No. 76, series of 2020

Arts and Humanities (9)	Social Science & Philosophy (11)	Mathematics, Science & Technology (11)
Elements of Understanding Gender and Development	Economics for Everyday Life	Chemical Commodities
Great Books	Entrepreneurship for All Professionals	Disaster Risk Reduction & Management
Indigenous Creative Crafts	Gender and Society/Kasarian at Lipunan	Drugs: Discovery, Benefits and Illegal Uses
Philippine Popular Culture	Hermeneutics	Environmental Data Analysis
Reading Visual Art	Logic	Environmental Science
Society and Literature/Sosyedad at Literatura	Philippine Indigenous Community	Global Climate Change – Resilience and Vulnerability
Technical Writing Across Professions	Philosophy of Man	History of Mathematics
Teknikal na Pagsulat sa iba't ibang Larang	Religion, religious experiences & Spirituality	Living in IT Era
Waray Culture and the Arts	Symbolic Logic	Urban Environments
	The Entrepreneurial Mind	Writing for Scientific Research
	World History and Civilization	

Note: Students are given the option to choose the 3 Gen Ed Elective courses.

Recommended Electives (CHED)

 Interactive Programming Technologies 2
 Platform Technologies
 Web Systems and Technologies 1
 Object-Oriented Programming
 Systems Integration and Architecture 2
 Human Computer Interactions 2

IT Electives/Suggested Electives (based from Industry Stakeholders and IT faculty)

 Project Management
 Digital Marketing
 Best Practices in Software Development
 Current and Future Trends in IT (with Educational Tour)
 SEO(Search Engine Optimization)
 Technopreneurship

Note:

4th Year Standing- means all IT professional and elective subjects were taken and passed

Summary

a) General Education	36
b) ITE Common Courses	19
c) ITE Professional Courses	78
d) Professional Electives	18
PE	8
NSTP	6
Math Enhance (Add-On)	3
DRR (Add-On)	3
TOTAL UNITS	171