BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY (BSIT)

Effective School Year 2018-2019
(CMO 25 s. 2015)

TOTAL UNITS: 152

FIRST YEAR

First Semester					
SUBJECT CODE	**SUBJECT TITLE**	**UNITS**	**LEC HRS**	**LAB HRS**	**PRE-REQUISITE**
MATH 1	Mathematics in the Modern World	3	3	0	None
FIL 1	Intelektwalisasyon ng Filipino	3	3	0	None
ELEC 1	Literature of the World	3	3	0	None
CC101	Introduction to Computing	3	2	3	None
CC102	Fundamentals of Programming	3	2	3	None
WS101	Web Systems and Technologies 1 (Electives)	3	2	3	None
PE 1	Physical Fitness and Wellness	2	2	0	None
NSTP 1	National Service Training Program 1	3	3	0	None
	TOTAL	**23**	**20**	**9**	

Second Semester					
SUBJECT CODE	**SUBJECT TITLE**	**UNITS**	**LEC HRS**	**LAB HRS**	**PRE- REQUISITE**
SCI 1	Science, Technology and Society	3	3	0	None
ENG 1	Purposive Communication	3	3	0	None
FIL 2	Pagsasaling Wika sa Agham at Teknolohiya	3	3	0	FIL 1
CC103	Intermediate Programming	3	2	3	CC101, CC102
PT101	Platform Technologies (Electives)	3	2	3	CC101, CC102
NET101	Networking 1	3	2	3	None
PE 2	Rhythmic Activities	2	2	0	PE 1
NSTP 2	National Service Training Program 2	3	3	0	NSTP 1
	TOTAL	**23**	**20**	**9**	

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SECOND YEAR

First Semester					
SUBJECT CODE	**SUBJECT TITLE**	**UNITS**	**LEC HRS**	**LAB HRS**	**PRE- REQUISITE**
GEE 2	Fundamentals of Creativity and Innovation	3	3	0	None
IS104	Systems Analysis and Design	3	2	3	2nd Year Standing, CC103
CC104	Data Structures and Algorithms	3	2	3	CC103
CC105	Information Management	3	2	3	CC103
PF101	Object-Oriented Programming	3	2	3	CC103, PT101, NET101
NET102	Networking 2	3	2	3	NET101, PT101
PE 3	Individual and Dual Sports	2	2	0	PE 1
	TOTAL	**20**	**15**	**15**	

Second Semester					
SUBJECT CODE	**SUBJECT TITLE**	**UNITS**	**LEC HRS**	**LAB HRS**	**PRE- REQUISITE**
SOCSCI 1	Understanding the Self	3	3	0	None
GEE 3	Creativity Practice: Tools, Methods and Techniques	3	3	0	GEE 2
HCI101	Introduction to Human Computer Interaction	3	2	3	None
SE101	Software Engineering	3	2	3	CC105, PF101, IS104
IPT101	Integrative Programming and Technologies 1	3	2	3	PT101, PF101
IM101	Advanced Database Systems	3	2	3	CC105, PF101, IS104
PE 4	Team Sports	2	2	0	PE 1
	TOTAL	**20**	**16**	**12**	

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THIRD YEAR

First Semester					
SUBJECT CODE	**SUBJECT TITLE**	**UNITS**	**LEC HRS**	**LAB HRS**	**PRE- REQUISITE**
SOCSCI 3	The Contemporary World	3	3	0	None
HUM 1	Art Appreciation	3	3	0	None
RIZAL	The Life and Works of Rizal	3	3	0	None
MS101	Discrete Mathematics	3	3	0	3rd Year Standing, CC104, PF101
AR101	Architecture and Organization	3	2	3	3rd Year Standing, CC103
IPT102	Integrative Programming and Technologies 2 (Electives)	3	2	3	3rd Year Standing, IPT101
SIA101	Systems Integration and Architecture 1	3	2	3	3rd Year Standing, IPT101
	TOTAL	**21**	**18**	**9**	

Second Semester					
SUBJECT CODE	**SUBJECT TITLE**	**UNITS**	**LEC HRS**	**LAB HRS**	**PRE- REQUISITE**
HUM 2	Ethics	3	3	0	None
SOCSCI 2	Readings in Philippine History	3	3	0	None
SPI101	Social and Professional Issues 1	3	3	0	3rd Year Standing, SE101
MS102	Quantitative Methods	3	3	0	3rd Year Standing, MS101
CC106	Application Development and Emerging Technologies	3	2	3	3rd Year Standing, SE101
IAS101	Fundamental of Information Assurance and Security 1	3	2	3	3rd Year Standing, SIA101
SIA102	Systems Integration and Architecture 2 (Electives)	3	2	3	3rd Year Standing, SIA101
	TOTAL	**21**	**18**	**9**	

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TOTAL UNITS: 152

FOURTH YEAR

SUBJECT CODE	SUBJECT TITLE	UNITS	LEC HRS	LAB HRS	PRE- REQUISITE
**First Semester**					
CAP101*	Capstone Project and Research 1	3	3	0	4th Year Standing, IAS101
AL101	Algorithms and Complexity	3	3	0	MS101
PRC101*	Practicum 1	3	0	243	4th Year Standing, IAS101, CC106
IAS102	Information Assurance and Security 2	3	2	3	IAS101
	TOTAL	**12**	**8**	**246**	

SUBJECT CODE	SUBJECT TITLE	UNITS	LEC HRS	LAB HRS	PRE- REQUISITE
**Second Semester**					
CAP102	Capstone Project and Research 2	3	3	0	CAP101
AL102	Automata Theory and Formal Language	3	3	0	AL101
PRC102	Practicum 2	3	0	243	PRC101
SAM101	Systems Administration and Maintenance	3	2	3	IAS102
	TOTAL	**12**	**8**	**246**	

* For Graduating Student Only
2nd Year standing have at least 36 units earned (excluding the NSTP)
3rd Year standing have at least 80 units earned (excluding the NSTP)
4th Year standing have at least 122 units earned (excluding the NSTP)

CURRICULUM SUMMARY

COURSES	MINIMUM UNITS PRESCRIBED BY CHED	QCPU
1. General Education Courses	27	33
2. General Education Electives	9	9
3. National Service Training Service (NSTP)	6	6
4. Physical Education (PE)	8	8
5. Common Courses	18	18
6. Professional Courses	66	66
7. Professional Electives	12	12
Total Units	**146**	**152**

Reviewed by:

ISAGANI M. TANO
OIC, IT Directorate