



Republic of the Philippines
Bulacan State University
City Of Malolos Bulacan
Tel/Fax (044) 791-0153



College of Information and Communications Technology

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

(Based on CMO No. 25 s 2015)

FIRST YEAR							
FIRST SEMESTER							
Course	Descriptive Title	Lec Units	Lab Units	Total Units	Hours Per Week	Pre Req	Co Req
IT 102	Introduction to Computing	3	3	4	4	NONE	NONE
IT 103	Computer Programming 1	3	3	3	3	NONE	NONE
IT 104	Hardware System and Servicing	3	3	3	3	NONE	NONE
RPH 101	Readings in the Philippine History	3	3	3	3	NONE	NONE
AAP 101	Art Appreciation	3	3	3	3	NONE	NONE
STS 101	Science, Technology and Society	3	3	3	3	NONE	NONE
ARP 101	Araling Pilipino	3	3	3	3	NONE	NONE
PE 10	Physical Education 1	3	3	3	3	NONE	NONE
NSTP 10	National Service Training Program 1	3	3	3	3	NONE	NONE

SECOND SEMESTER							
Course	Descriptive Title	Lec Units	Lab Units	Total Units	Hours Per Week	Pre Req	Co Req
IT 105	Computer Programming 2	3	3	4	4	CSC101	NONE
IT 106	Networking 1	3	3	3	3	NONE	NONE
IT 107	Discrete Structures for IT	3	3	3	3	NONE	NONE
PCM 101	Purposive Communication	3	3	3	3	NONE	NONE
MMW 101	Mathematics in the Modern World	3	3	3	3	NONE	NONE
UTS 101	Understanding the Self	3	3	3	3	NONE	NONE
PAL 101	Panitikan at Lipunan	3	3	3	3	NONE	NONE
PE 11	Physical Education 2	3	3	3	3	NONE	NONE
NSTP 11	National Service Training Program 2	3	3	3	3	NONE	NONE



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SECOND YEAR							
FIRST SEMESTER							
Course	Descriptive Title	Lec Units	Lab Units	Total Units	Hours Per Week	Pre Req	Co Req
IT 201	Data Structures and Algorithms	3	3	3	3	NONE	NONE
IT 202	Information Management	3	3	3	3	NONE	NONE
IT 203	Object-Oriented Programming 1	3	3	3	3	NONE	NONE
IT 204	Integrative Programming and Technologies 1	3	3	3	3	NONE	NONE
IT 205	Human Computer Interface	3	3	3	3	NONE	NONE
ETH 101	Ethics	3	3	3	3	NONE	NONE
PE 12	Physical Education 3	3	3	3	3	NONE	NONE
AAH 101d	Reading Visual Art	3	3	3	3	NONE	NONE

SECOND SEMESTER							
Course	Descriptive Title	Lec Units	Lab Units	Total Units	Hours Per Week	Pre Req	Co Req
IT 206	Advanced Database Systems	3	3	3	3	NONE	NONE
IT 207	Object-Oriented Programming 2	3	3	3	3	NONE	NONE
IT 208	Platform Technologies	3	3	3	3	NONE	NONE
IT 209	Interactive Systems and Technologies	3	3	3	3	NONE	NONE
IT 210	Networking 2	3	3	3	3	NONE	NONE
TCW 101	The Contemporary World	3	3	3	3	NONE	NONE
PE 13	Physical Education 4	3	3	3	3	NONE	NONE
MST 101d	Living in the IT Era	3	3	3	3	NONE	NONE



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THIRD YEAR							
FIRST SEMESTER							
Course	Descriptive Title	Lec Units	Lab Units	Total Units	Hours Per Week	Pre Req	Co Req
IT 301	Application Development and Emerging Technologies	3	3	3	3	NONE	NONE
IT 302	Social and Professional Issues	3	3	3	3	NONE	NONE
IT 303	System Analysis and Design	3	3	3	3	NONE	NONE
IT 304	Web Systems and Technologies 1	3	3	3	3	NONE	NONE
IT 305	Quantitative Methods	3	3	3	3	NONE	NONE
IT 306	Elective 1	3	3	3	3	NONE	NONE
IT 307	Elective 2	3	3	3	3	NONE	NONE
FL301	Foreign Language 1	3	3	3	3	NONE	NONE

SECOND SEMESTER							
Course	Descriptive Title	Lec Units	Lab Units	Total Units	Hours Per Week	Pre Req	Co Req
IT 308	Information Assurance and Security	3	3	3	3	NONE	NONE
IT 309	Systems Integration and Architecture 1	3	3	3	3	NONE	NONE
IT 310	Web Systems and Technologies 2	3	3	3	3	NONE	NONE
CAP 301	Capstone Project and Research 1	3	3	3	3	NONE	NONE
IT 311	Elective 3	3	3	3	3	NONE	NONE
IT 312	Elective 4	3	3	3	3	NONE	NONE
FL302	Foreign Language 2	3	3	3	3	NONE	NONE
RLW 101	Life and Works of Rizal	3	3	3	3	NONE	NONE

FOURTH YEAR							
FIRST SEMESTER							
Course	Descriptive Title	Lec Units	Lab Units	Total Units	Hours Per Week	Pre Req	Co Req
IT 401	System Administration and Maintenance	3	3	4	4	NONE	NONE
IT 402	System Integration and Architecture 2	3	3	4	4	NONE	NONE
IT 403	Elective 5	3	3	4	4	NONE	NONE
CAP 401	Capstone Project and Research 2	3	3	4	4	NONE	NONE
SSP 101c	Gender and Society	3	3	4	4	NONE	NONE

SECOND SEMESTER							
Course	Descriptive Title	Lec Units	Lab Units	Total Units	Hours Per Week	Pre Req	Co Req
IT 404	Internship	3	3	4	4	CHEM101	NONE