

COURSE CURRICULUM - INFORMATION TECHNOLOGY (2019)

FIRST YEAR

1ST YEAR - FIRST SEMESTER						
NO	CODE	SUBJECT TITLE	GRADE	REMARKS	UNITS	PRE REQ(S)
1	GE 2	Readings in Philippine History			3	
2	GE 4	Mathematics in the Modern World			3	
3	GE 5	Purposive Communication			3	
4	GE 6	Arts Appreciation			3	
5	CC 1	Introduction to Computing			2	
6	CC 1L	Introduction to Computing (Lab)			1	
7	CC 2	Computer Programming 1			2	
8	CC 2L	Computer Programming 1 (Lab)			1	
9	HCI 101	Introduction to Human Computer Interaction			3	
10	MST 1	Environmental Science			3	
11	PATH FIT 1	PHYSICAL FITNESS AND RELATED ACTIVITIES			[2]	
12	NSTP 1	NATIONAL SERVICE AND TRAINING PROGRAM			[3]	
TOTAL					24	

1ST YEAR - SECOND SEMESTER						
NO	CODE	SUBJECT TITLE	GRADE	REMARKS	UNITS	PRE REQ(S)
1	GE 1	Understanding the Self			3	
2	GE 3	Contemporary World			3	
3	GE 7	Science, Technology & Society			3	
4	GE 8	Ethics			3	
5	CC 3	Computer Programming 2			2	CC 2
6	CC 3L	Computer Programming 2 (Lab)			1	CC 2L
7	MS 101	Discrete Mathematics			3	
8	AH4	Reading Visual Arts			3	
9	FIL 1	Pagsasaling Wika			3	
10	PATH FIT 2	PHYSICAL FITNESS AND RELATED ACTIVITIES 2			[2]	PATH FIT 1
11	NSTP 2	NATIONAL SERVICE AND TRAINING PROGRAM 2			[3]	NSTP 1
TOTAL					24	

SECOND YEAR

2ND YEAR - FIRST SEMESTER						
NO	CODE	SUBJECT TITLE	GRADE	REMARKS	UNITS	PRE REQ(S)
1	RIZ	Life and Works of Rizal			3	
2	NET 101	Networking 1			2	
3	NET 101L	Networking 1 L			1	
4	DIGITAL 1	Digital Logic Design			3	
5	CC 4	Data Structures and Algorithms			3	
6	SP 101	Social Issues and Professional Practice			3	
7	PF 101	Object Oriented Programming			2	CC 3
8	PF 101L	Object Oriented Programming (Lab)			1	CC 3L
9	IM 101	Fundamentals of Database Systems			2	
10	IM 101L	Fundamentals of Database Systems (Lab)			1	
11	FIL 2	Filipino sa Iba't Ibang Disiplina			3	
12	PATH FIT 3	INDIVIDUAL AND DUAL SPORTS			[2]	PATH FIT 2
TOTAL					24	

2ND YEAR - SECOND SEMESTER						
NO	CODE	SUBJECT TITLE	GRADE	REMARKS	UNITS	PRE REQ(S)
1	WS 101	Web Systems and Technology 1			2	
2	WS 101L	Web Systems and Technology 1 (Lab)			1	
3	NET 102	Networking 2			2	NET 101
4	NET 102L	Networking 2 (Lab)			1	NET 101L
5	QM	Quantitative Methods			3	GE 4
6	IT EL 1	Multimedia 1 - 2D Arts and Concepts			2	
7	IT EL 1L	Multimedia 1 - 2D Arts and Concepts (Lab)			1	
8	CC 106	Applications Development and Emerging Technologies			2	
9	CC 106L	Applications Development and Emerging Technologies (Lab)			1	
10	IM 102	Advance Database Systems			2	IM 101
11	IM 102 L	Advance Database Systems (Lab)			1	IM 101L
12	MST 4	Living in IT Era			3	
13	PATH FIT 4	TEAM SPORTS			[2]	PATH FIT 3
TOTAL					21	

THIRD YEAR

3RD YEAR - FIRST SEMESTER						
NO	CODE	SUBJECT TITLE	GRADE	REMARKS	UNITS	PRE REQ(S)
1	RESEARCH 1	Methods of Research in Computing			3	
2	SIA 101	System Integration and Architecture 1			2	
3	SIA 101L	System Integration and Architecture 1 (Lab)			1	
4	IPT 101	Integrative Programming and Technology 1 (Game Development 1)			2	
5	IPT 101L	Integrative Programming and Technology 1 (Game Development 1 Lab)			1	
6	IT EL 2	Multimedia 2 - 3D Arts and Concepts			2	IT EL 1
7	IT EL 2L	Multimedia 2 - 3D Arts and Concepts (Lab)			1	IT EL 1L
8	PF 102	Event Driven Programming			2	
9	PF 102L	Event Driven Programming (lab)			1	
TOTAL					15	

3RD YEAR - SECOND SEMESTER						
NO	CODE	SUBJECT TITLE	GRADE	REMARKS	UNITS	PRE REQ(S)
1	CAP 1	Capstone 1			6	RESEARCH 1
2	IPT 102	Integrative Programming and Technology 1 (Game Development 2)			2	IPT 101
3	IPT 102L	Integrative Programming and Technology 1 (Game Development 2 Lab)			1	IPT 101L
4	PT 101 E	Platform Technology (OS, Networking, User Familiarization)			2	
5	PT 101 E L	Platform Technology (OS, Networking, User Familiarization lab)			1	
6	IAS 101	Information Assurance and Security 1			3	
7	IT EL 3	Software Development and Testing			2	
8	IT EL 3L	Software Development and Testing (lab)			1	
TOTAL					18	

FOURTH YEAR

MID YEAR						
NO	CODE	SUBJECT TITLE	GRADE	REMARKS	UNITS	PRE REQ(S)
1	OJT	On the Job Training (486 Hours)			6	4TH YR STANDING
TOTAL					6	

4TH YEAR - FIRST SEMESTER						
NO	CODE	SUBJECT TITLE	GRADE	REMARKS	UNITS	PRE REQ(S)
1	CAP 2	Capstone 2			6	CAP 1
2	OJT	On the Job Training (486 Hours)			3	4TH YR STANDING
3	ST1	Special Topic 1 (Network and Cisco)			3	
4	SA 101	System Administration and Maintenance			2	
5	SA 101L	System Administration and Maintenance (lab)			1	
TOTAL					15	

4TH YEAR - SECOND SEMESTER						
NO	CODE	SUBJECT TITLE	GRADE	REMARKS	UNITS	PRE REQ(S)
1	SEMTR	Seminars and Colloquia			3	
3	ST2	Special Topic 2 (Programming and Database)			3	
4	TECHNO	Technopreneurship			2	
5	TECHNO L	Technopreneurship L			1	
TOTAL					9	

PROGRAM DESCRIPTION

The Bachelor of Science in Information Technology (BSIT) program prepares students to be IT professionals who are able to perform installation, operation, development, maintenance, and administration of computer systems. The goal of the program is to gear up students as "information technologists" who can assist individuals and organizations in solving problems using information technology (IT) solutions. The BSIT program equips students with the basic ability to conceptualize, design and implement computer systems and infrastructures. It also provides experience in the development of office support (word processing, spreadsheet, database, and accounting), intranet and internet and specialized professional software (multi-media, website development, and e-commerce). It also offers a background in mathematical and computing principles. The teaching methods used are classroom discussions, practicum exercises spent in computer laboratories and on-the-job training or internships.