

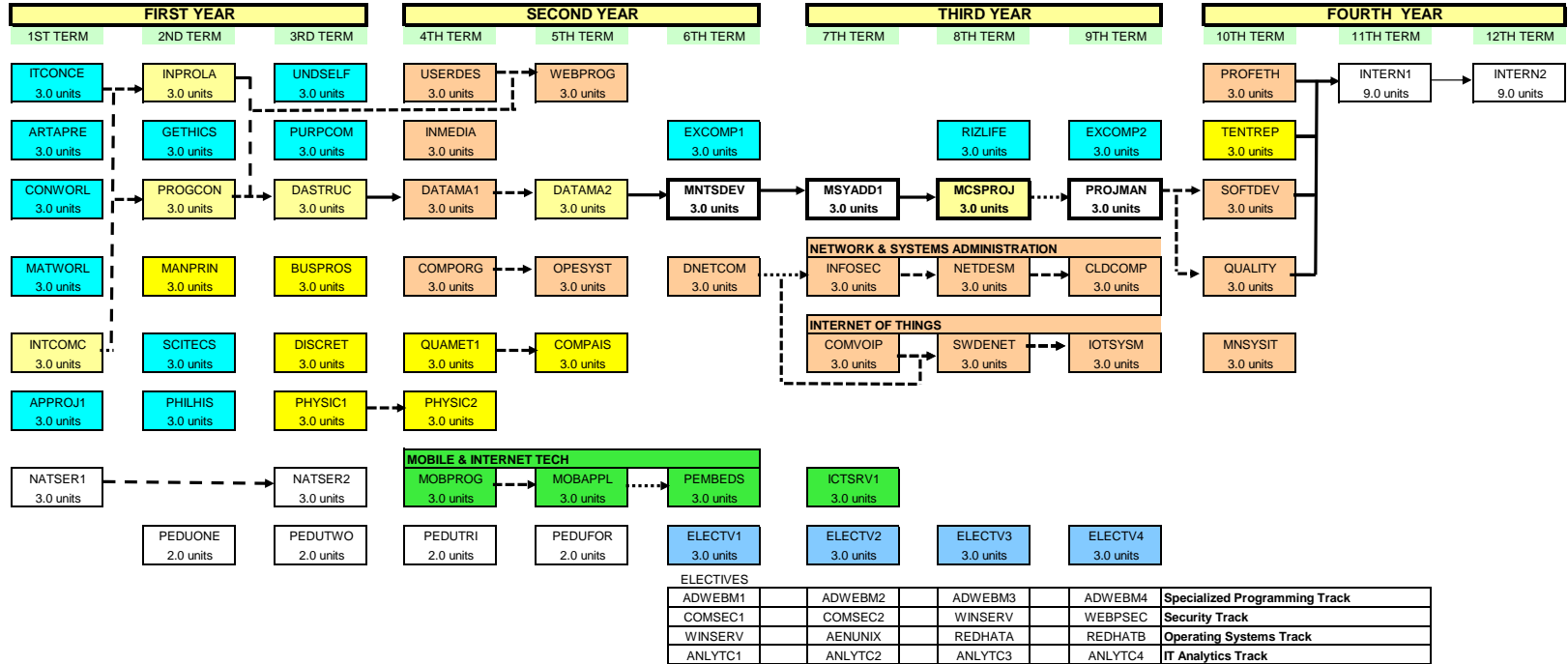


BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

BSIT - MI

With Specialization in MOBILE AND INTERNET TECHNOLOGIES

2019-2020



Other electives may include Virtual/Augmented Reality

197 UNITS

21

20

23

23

17

15

15

15

15

15

9

9

Note: courses in heavily outlined boxes are under Project-Based Learning (PBL)



2019-2020

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY BSIT-MI With Specialization in MOBILE & INTERNET TECHNOLOGIES

GENERAL EDUCATION		
ARTAPRE	ART APPRECIATION	3 units
GETHICS	ETHICS	3 units
PURPCOM	PURPOSIVE COMMUNICATION	3 units
CONWORL	THE CONTEMPORARY WORLD	3 units
MATWORL	MATHEMATICS IN THE MODERN WORLD	3 units
PHILHIS	READINGS IN PHILIPPINE HISTORY	3 units
SCITECS	SCIENCE, TECHNOLOGY & SOCIETY	3 units
UNDESELF	UNDERSTANDING THE SELF	3 units
RIZLIFE	THE LIFE AND WORKS OF RIZAL	3 units
		27 units

GE ELECTIVES		
ITCONCE	IT CONCEPTS (Introduction to ICT with IT Infrastructure)	3 units
EXCOMP2	EXTENSIVE COMPETENCY COMMUNICATION PROGRAM	3 units
APPROJ1	APPLIED PROJECT 1	3 units
		9 units

LITERATURE		
EXCOMP1	LITERATURE	3 units
		3 units

PHYSICAL EDUCATION		
PEDUONE	PHYSICAL EDUCATION 1	2 units
PEDUTWO	PHYSICAL EDUCATION2	2 units
PEDUTRI	PHYSICAL EDUCATION 3	2 units
PEDUFOR	PHYSICAL EDUCATION 4	2 units
		8 units

NATIONAL SERVICE		
NATSER1	NATIONAL SERVICE1	3 units
NATSER2	NATIONAL SERVICE2	3 units
		6 units

INTERNSHIP		
INTERN1	INTERNSHIP 1	9 units
INTERN2	INTERNSHIP 2	9 units
		18 units

ADDITIONAL ELECTIVE TRACKS		
Virtual / Augmented Reality		

COMMON COURSES		
INTCOMC	INTRODUCTION TO COMPUTING FOR CS / IT	3 units
PROGCON	PROGRAMMING CONCEPTS & LOGIC	3 units
INPROLA	INTRODUCTION TO PROGRAMMING & THEORIES	3 units
DASTRUC	DATA STRUCTURES	3 units
DATAMA2	DATABASE MANAGEMENT 2 and ADMINISTRATION	3 units
MCSPROJ	APPLIED PROJECT - SYSTEM PROTOTYPE	3 units
		18 units

PROFESSIONAL COURSES		
PROFETH	PROFESSIONAL ETHICS	3 units
USERDES	UI/UX DESIGN AND PROGRAMMING	3 units
WEBPROG	WEB PROGRAMMING	3 units
COMPORG	COMPUTER ORGANIZATION & ARCHITECTURE	3 units
OPESYST	OPERATING SYSTEMS	3 units
DATAMA1	DATABASE MANAGEMENT 1	3 units
INMEDIA	INTERACTIVE MEDIA DESIGN	3 units
DNETCOM	NETWORK SECURITY, STORAGE & DATA COMMUNICATION	3 units
MNSYSIT	MANAGEMENT INFORMATION SYSTEMS & IT TRENDS	3 units
SOFTDEV	SOFTWARE DEVELOPMENT	3 units
QUALITY	SOFTWARE QUALITY MANAGEMENT	3 units

NETWORK & SYSTEMS ADMINISTRATION CLUSTER		
INFOSEC	INFORMATION SECURITY	3 units
NETDESM	NETWORK DESIGN AND MANAGEMENT	3 units
CLDCOMP	CLOUD COMPUTING & VIRTUALIZATION	3 units

INTERNET OF THINGS CLUSTER		
COMVOIP	TELECOMMUNICATIONS & VOIP	3 units
SWDENET	SOFTWARE-DEFINED NETWORKS & VIRTUALIZATION	3 units
IOTSYSM	INTERNET OF THINGS SYSTEMS & MANAGEMENT	3 units
		51 units

CAPSTONE PROJECT/S		
MNTSDEV	INTRODUCTION TO SYSTEMS AND DESIGN	3 units
MSYADD1	SYSTEMS ANALYSIS & DETAILED DESIGN	3 units
PROJMAN	PROJECT MANAGEMENT	3 units
		9 units

ELECTIVES: SECURITY TRACK		
COMSEC1	COMPUTER SECURITY 1	3 units
COMSEC2	COMPUTER SECURITY 2	3 units
COMSEC3	COMPUTER SECURITY 3	3 units
WEBPSEC	WEB APPLICATION & PROGRAMMING SECURITY	3 units

AUGMENTED COURSES		
MANPRIN	MANAGEMENT PRINCIPLES	3 units
BUSPROS	BUSINESS PROCESS	3 units
DISCRET	DISCRETE MATH	3 units
QUAMET1	QUANTITATIVE METHODS 1	3 units
COMPAIS	COMPUTERIZED ANALYTICS INFO SYSTEMS (QUAMET 2)	3 units
TENTREP	TECHNOPRENEURSHIP	3 units
PHYSIC1	PHYSICS FOR IT 1	3 units
PHYSIC2	PHYSICS FOR IT 2	3 units
		24 units

MOBILE & INTERNET TECHNOLOGIES SPECIALIZATION TRACK		
MOBILE & INTERNET TECHNOLOGIES CLUSTER		
MOBPROG	MOBILE PROGRAMMING	3 units
MOBAPPL	MOBILE APPLICATIONS	3 units
PEMBEDS	PROGRAMMING EMBEDDED SYSTEMS	3 units
ICTSRV1	ICT SERVICES MANAGEMENT (A+ PC TROUBLESHOOTING)	3 units
		12 units

PROFESSIONAL ELECTIVES		
ELECTV1	ELECTIVE 1	3 units
ELECTV2	ELECTIVE2	3 units
ELECTV3	ELECTIVE 3	3 units
ELECTV4	ELECTIVE 4	3 units
		12 units

ELECTIVES: SPECIALIZED PROGRAMMING TRACK		
ADWEBM1	ADVANCE WEB-MOBILE 1	3 units
ADWEBM2	ADVANCE WEB - MOBILE 2	3 units
ADWEBM3	ADVANCE WEB-MOBILE 3	3 units
ADWEBM4	ADVANCE WEB - MOBILE 4: RUBY ON RAILS	3 units

ELECTIVES: OPERATING SYSTEMS TRACK		
WINSERV	WINDOWS SERVER	3 units
AENUNIX	ADVANCED & ENTERPRISE UNIX	3 units
REDHATA	RED HAT TOPICS A	3 units
REDHATB	RED HAT TOPICS B	3 units