

 The University of Mindanao	College/Department	College of Computing Education		Reference	CMO 25, s2015 CMO 39, s2021
	Program	BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY		Effectivity	SY 2023-2024
	Major	(none)		Revision No.	2

FIRST YEAR

First Semester					PreReq	Second Semester					PreReq
Subj Code	Subject Title	Lec	Lab	Total		Subj Code	Subject Title	Lec	Lab	Total	
GE 4	Mathematics in the Modern World	3	0	3	none	GE 8	Readings in Philippine History	3	0	3	none
GE 3	The Contemporary World	3	0	3	none	UGE 1	Reading Comprehension	6	0	6	GE 2
GE 2	Purposive Communication w/ Interactive Learning	6	0	6	none	IT 1a/L	IT Elective 1	2	1	3	CCE 101/L
GE 15	Environmental Science	3	0	3	none	CCE 103/L	Computer Programming 2	2	1	3	CCE 102/L
CCE 101/L	Introduction to Computing (1stT)	2	1	3	none	IT 2	Discrete Mathematics	3	0	3	none
CCE 102/L	Computer Programming 1 (2ndT)	2	1	3	none	GE 1	Understanding the Self	3	0	3	none
PAHF 1	Movement Competency Training	2	0	2	none	PAHF 2	Exercise-based Fitness Activities	2	0	2	PAHF 1
NSTP 1	National Service Training Program 1	3	0	3	none	NSTP 2	National Service Training Program 2	3	0	3	NSTP 1
Total Units		24	2	26		Total Units		24	2	26	

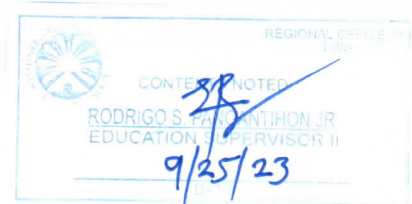
SECOND YEAR

GE 7	Art Appreciation	3	0	3	none	IT 6/L	Fundamentals of Database Systems	2	1	3	CCE 104/L
CCE 104/L	Information Management	2	1	3	CCE 101/L	IT 7/L	Introduction to Human Computer Interaction	2	1	3	CCE 103/L, IT 5/L
CCE 105/L	Data Structures and Algorithms	2	1	3	CCE 103/L	IT 8	Calculus 2	3	0	3	IT 4
IT 3/L	Networking 1	2	1	3	IT 1a/L	GE 6	Rizal's Life and Works	3	0	3	none
MTH 103/L	Probabilities and Statistics	2	1	3	IT 2	IT 9a/L	Professional Track for IT 3	4	2	6	CCE 104/L
IT 4	Calculus 1	3	0	3	IT 2	GE 5	Science, Technology and Society	3	0	3	none
IT 5/L	IT Elective 2	2	1	3	CCE 103/L	PAHF 4	Dance and Sports 2	2	0	2	PAHF 3
PAHF 3	Dance and Sports 1	2	0	2	PAHF 2	Total Units		19	4	23	
Total Units		18	5	23		Total Units		19	4	23	

THIRD YEAR

IT 11/L	Networking 2	2	1	3	IT 3/L & IT 9a/L	IT 15/L	Integrative Programming and Technologies	2	1	3	IT 11/L
IT 12/L	Systems Integration & Architecture	2	1	3	IT 6/L	IT 16/L	Information Assurance and Security 1	2	1	3	IT 11/L
IT 13/L	Professional Track for IT 4	2	1	3	IT 6/L	UGE 2	Technical Writing in the Discipline	3	0	3	UGE 1
PHYS 101/L	College Physics 1	3	1	4	IT 2	IT 18	Quantitative Methods	3	0	3	MTH 103
GE 11	The Entrepreneurial Mind	3	0	3	none	PHYS 102/L	College Physics 2	3	1	4	PHYS 101/L
IT 10/L	IT Elective 3	2	1	3	CCE 104/L, IT 5/L	IT 19/L	Technopreneurship	2	1	3	GE 11 & IT 12/L
IT 14/L	Professional Track for IT 5	2	1	3	IT 6/L	IT 17	Social and Professional Issues	3	0	3	none
CCE 106/L	Application Development and Emerging Technologies	2	1	3	IT 9a/L	IT 20/L	Professional Track for IT 6	2	1	3	IT 14/L
Total Units		18	7	25		Total Units		20	5	25	

Summer					
GE 9	Ethics (Disciplinal)	3	0	3	none
IT 21/L	Information Assurance and Security 2	2	1	3	IT 16/L
IT 22/L	Capstone Project 1	2	1	3	IT 19/L
Total Units		7	2	9	



FOURTH YEAR

GE 20	Reading Visual Arts	3	0	3	none							
IT 23/L	Systems Administration and Maintenance	2	1	3	IT 21/L							
IT 24/L	Capstone Project 2	2	4	6	IT 22/L							
CAED 500c	Career and Personality Development	3	0	3	4th yr standing	IT 25	Practicum	9	0	9	4th yr standing	
		Total Units	10	5	15				Total Units	9	0	9


IT Electives:

Platform Technologies
Object-Oriented Programming
ICT and Robotics Programming
Technopreneurship

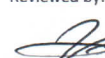
IT Professional Track

Calculus 1 and 2 (PICAB Requirements)
Web Systems and Technologies
Mobile Programming 1 and 2


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SUMMARY OF SUBJECTS:

GENERAL EDUCATION						MAJOR SUBJECTS AND PROFESSIONAL TRACKS AND ELECTIVES					
GE 1	Understanding the Self	3	0	3	none	IT 1a/L	IT Elective 1	2	1	3	CCE 101/L
GE 2	Purposive Communication w/ Interactive Learning	6	0	6	none	IT 2	Discrete Mathematics	3	0	3	none
GE 9	Ethics (Disciplinal)	3	0	3	none	IT 3/L	Networking 1	2	1	3	IT 1a/L
GE 4	Mathematics in the Modern World	3	0	3	none	IT 4	Calculus 1	3	0	3	IT 2
GE 8	Readings in Philippine History	3	0	3	none	IT 5/L	IT Elective 2	2	1	3	CCE 103/L
GE 7	Art Appreciation	3	0	3	none	IT 6/L	Fundamentals of Database Systems	2	1	3	CCE 104/L
GE 5	Science, Technology and Society	3	0	3	none	IT 7/L	Introduction to Human Computer Interaction	2	1	3	CCE 103/L, IT 5/L
GE 3	The Contemporary World	3	0	3	none	IT 8	Calculus 2	3	0	3	IT 4
GE 6	Rizal's Life and Works	3	0	3	none	IT 19/L	Technopreneurship	2	1	3	GE 11 & IT 12/L
						IT 20/L	Professional Track for IT 6	2	1	3	IT 14/L
						IT 21/L	Information Assurance and Security 2	2	1	3	IT 16/L
						IT 22/L	Capstone Project 1	2	1	3	IT 19/L
						IT 23/L	Systems Administration and Maintenance	2	1	3	IT 21/L
						IT 24/L	Capstone Project 2	2	4	6	IT 22/L
						IT 25	Practicum	9	0	9	4th yr standing
						IT 9a/L	Professional Track for IT 3	4	2	6	CCE104/L
						IT 10/L	IT Elective 3	2	1	3	CCE104/L, IT 5/L
						IT 11/L	Networking 2	2	1	3	IT 3/L & IT 9a/L
						IT 12/L	Systems Integration & Arhitecture	2	1	3	IT 6/L
						IT 13/L	Professional Track for IT 4	2	1	3	IT 6/L
						IT 14/L	Professional Track for IT 5	2	1	3	IT 6/L
						IT 15/L	Integrative Programming and Technologies	2	1	3	IT 11/L
						IT 16/L	Information Assurance and Security 1	2	1	3	IT 11/L
						IT 17	Social and Professional Issues	3	0	3	none
						IT 18	Quantitative Methods	3	0	3	MTH 103
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