

ST. PETER'S COLLEGE Iligan City



CURRICULUM FOR FOUR-YEAR COURSE IN BACHELOR OF SCIENCE IN COMPUTER SCIENCE (BSCS) SCHOOL YEAR 2018-2019

FIRST YEAR

		FIRST SEMESTER						SECOND SEMESTER				
FG SUBJECT (DESCRIPTIVE TITLE	LEC	LAB UNIT	S PREREQ	FG SUBJECT		DESCRIPTIVE TITLE	LEC	LAB		PREREQ
CC		Introduction to Computing	2	1 3		CC		Intermediate Programming	2	1	3	CC 102
CC	102	Fundamentals of Programming	2	1 3		DS		Discrete Structure 1	3		3	
MATH	101		5	5		MATH	102	Calculus II	5		5	MATH 101
GEC	1	Understanding the Self	3	3		GEC	4	Mathematics in the Modern World			3	
GEC	2	Readings in the Philippine History	3	3		GEC	5	Purposive Communication			3	
GEC	3	The Contemporary World	3	3		GEC	6	Art Appreciation			3	
PE	1	PATH-FIT 1	2	2		PE	2	PATH-FIT 2	2		2	PE 1
NSTP	1	ROTC/CWTS/LTS	3	3		NSTP	2	ROTC/CWTS/LTS	3		3	NSTP 1
				25							25	
		FIRST SEMESTER			SECO	ID YEAR		SECOND SEMESTER				
EC CURRENT (EC CURIER						005050
		DESCRIPTIVE TITLE	LEC	LAB UNIT	-	FG SUBJECT		DESCRIPTIVE TITLE	LEC	LAB		PREREQ
CC	104	Data Structures & Algorithms	2	1 3	CC 103	CC		Applications Development & Emerging Technologies	2	1	3	CC105
CC	105	5	2	1 3	CC 103	AL		Design & Analysis of Algorithms	3		3	DS101 & CC104
SDF	101	Object-Oriented Programming	2	1 3	CC 103	PL		Programming Languages (Design & Implementation)	2	1	3	CC104
DS	102		3	3	DS 101	AR		Architecture & Organization	2	1	3	DS101 & CC104
MATH	103	5	3	3	MATH 102	OS		Fundamentals of Operating Systems	2	1	3	CC 104
GEC	7	Science, Technology & Society	3	3		GEC	10	History of Muslim Filipinos and the Indigenous People	s of Mindar	ao	3	
GEC	8	Ethics	3	3		GEC	11	Language, Gender, and Society			3	
GEC	9	Life & Works of Rizal	3	3		GEC	12	Ecocriticism and the Conservation of Nature			3	
PE	3	PATH-FIT 3	2	2	PE 2	PE	4	PATH-FIT 4	2		2	PE 3
				26							26	
					тито	D YEAR						
		FIRST SEMESTER			INIK	DIEAR		SECOND SEMESTER				
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EC SURIECT (LEC			EC SURIECT	CODE		IEC	1 4 0	LINITC	DDEDEO
		DESCRIPTIVE TITLE	LEC	LAB UNIT	-			DESCRIPTIVE TITLE	LEC	LAB 1		PREREQ
AL	102	Automata Theory and Formal Language	3	3	AL 101	SE	102	DESCRIPTIVE TITLE Software Engineering 2	2	lab 1	3	SE 101
AL FBA	102 101	Automata Theory and Formal Language Fundamentals of Business Analytics	3 3	3 3	AL 101 CC 101	SE THS	102 101	DESCRIPTIVE TITLE Software Engineering 2 CS Thesis 1	2 3	1	3 3	SE 101 3rd yr Standing
AL FBA SE	102 101 101	Automata Theory and Formal Language Fundamentals of Business Analytics Software Engineering 1	3 3 2	3 3 1 3	AL 101 cc 101 SDF 101	SE THS CS PROF EL	102 101 2	DESCRIPTIVE TITLE Software Engineering 2 CS Thesis 1 CS Professional Elective 2	2 3 2	1 1	3 3 3	SE 101 3rd yr Standing 3rd yr Standing
AL FBA SE HCI	102 101 101 101	Automata Theory and Formal Language Fundamentals of Business Analytics Software Engineering 1 Fundamentals of Human Computer Interaction	3 3 2 3	3 3 1 3 3	AL 101 cc 101 SDF 101 PL 101	SE THS CS PROF EL CS PROF EL	102 101 2 3	DESCRIPTIVE TITLE Software Engineering 2 CS Thesis 1 CS Professional Elective 2 CS Professional Elective 3	2 3 2 2	1	3 3 3 3	SE 101 3rd yr Standing 3rd yr Standing 3rd yr Standing
AL FBA SE HCI CS PROF EL	102 101 101 101 1	Automata Theory and Formal Language Fundamentals of Business Analytics Software Engineering 1 Fundamentals of Human Computer Interaction CS Professional Elective 1	3 3 2 3 2	3 3 1 3 3 1 3	AL 101 CC 101 SDF 101 PL 101 3rd yr Standing	SE THS CS PROF EL CS PROF EL CS ELEC	102 101 2 3 3	DESCRIPTIVE TITLE Software Engineering 2 CS Thesis 1 CS Professional Elective 2 CS Professional Elective 3 CS Elective 3	2 3 2 2 3	1 1	3 3 3 3 3	SE 101 3rd yr Standing 3rd yr Standing 3rd yr Standing 3rd yr Standing
AL FBA SE HCI CS PROF EL CS ELEC	102 101 101 101 1 1 1	Automata Theory and Formal Language Fundamentals of Business Analytics Software Engineering 1 Fundamentals of Human Computer Interaction CS Professional Elective 1 CS Elective 1	3 2 3 2 2 2	3 3 1 3 3 1 3 1 3 1 3	AL 101 CC 101 SDF 101 PL 101 3rd yr Standing 3rd yr Standing	SE THS CS PROF EL CS PROF EL CS ELEC EDM	102 101 2 3 3 101	DESCRIPTIVE TITLE Software Engineering 2 CS Thesis 1 CS Professional Elective 2 CS Professional Elective 3 CS Elective 3 Fundamentals of Enterprise Data Management	2 3 2 2 3 3	1 1 1	3 3 3 3 3 3	SE 101 3rd yr Standing 3rd yr Standing 3rd yr Standing 3rd yr Standing CC 101
AL FBA SE HCI CS PROF EL	102 101 101 101 1 1 1	Automata Theory and Formal Language Fundamentals of Business Analytics Software Engineering 1 Fundamentals of Human Computer Interaction CS Professional Elective 1	3 3 2 3 2	3 3 1 3 1 3 1 3 1 3 1 3	AL 101 CC 101 SDF 101 PL 101 3rd yr Standing 3rd yr Standing 3rd yr Standing	SE THS CS PROF EL CS PROF EL CS ELEC	102 101 2 3 3 101	DESCRIPTIVE TITLE Software Engineering 2 CS Thesis 1 CS Professional Elective 2 CS Professional Elective 3 CS Elective 3	2 3 2 2 3	1 1	3 3 3 3 3 3 3	SE 101 3rd yr Standing 3rd yr Standing 3rd yr Standing 3rd yr Standing
AL FBA SE HCI CS PROF EL CS ELEC	102 101 101 101 1 1 1	Automata Theory and Formal Language Fundamentals of Business Analytics Software Engineering 1 Fundamentals of Human Computer Interaction CS Professional Elective 1 CS Elective 1	3 2 3 2 2 2	3 3 1 3 3 1 3 1 3 1 3	AL 101 CC 101 SDF 101 PL 101 3rd yr Standing 3rd yr Standing 3rd yr Standing	SE THS CS PROF EL CS PROF EL CS ELEC EDM	102 101 2 3 3 101	DESCRIPTIVE TITLE Software Engineering 2 CS Thesis 1 CS Professional Elective 2 CS Professional Elective 3 CS Elective 3 Fundamentals of Enterprise Data Management	2 3 2 2 3 3	1 1 1	3 3 3 3 3 3	SE 101 3rd yr Standing 3rd yr Standing 3rd yr Standing 3rd yr Standing CC 101
AL FBA SE HCI CS PROF EL CS ELEC	102 101 101 101 1 1 1	Automata Theory and Formal Language Fundamentals of Business Analytics Software Engineering 1 Fundamentals of Human Computer Interaction CS Professional Elective 1 CS Elective 1	3 2 3 2 2 2	3 3 1 3 1 3 1 3 1 3 1 3	AL 101 CC 101 SDF 101 PL 101 3rd yr Standing 3rd yr Standing	SE THS CS PROF EL CS PROF EL CS ELEC EDM	102 101 2 3 3 101	DESCRIPTIVE TITLE Software Engineering 2 CS Thesis 1 CS Professional Elective 2 CS Professional Elective 3 CS Elective 3 Fundamentals of Enterprise Data Management	2 3 2 2 3 3	1 1 1	3 3 3 3 3 3 3	SE 101 3rd yr Standing 3rd yr Standing 3rd yr Standing 3rd yr Standing CC 101
AL FBA SE HCI CS PROF EL CS ELEC	102 101 101 101 1 1 1	Automata Theory and Formal Language Fundamentals of Business Analytics Software Engineering 1 Fundamentals of Human Computer Interaction CS Professional Elective 1 CS Elective 1	3 2 3 2 2 2	3 3 1 3 1 3 1 3 1 3 1 3	AL 101 CC 101 SDF 101 PL 101 3rd yr Standing 3rd yr Standing	SE THS CS PROF EL CS PROF EL CS ELEC EDM NC	102 101 2 3 3 101	DESCRIPTIVE TITLE Software Engineering 2 CS Thesis 1 CS Professional Elective 2 CS Professional Elective 3 CS Elective 3 Fundamentals of Enterprise Data Management	2 3 2 2 3 3	1 1 1	3 3 3 3 3 3 3	SE 101 3rd yr Standing 3rd yr Standing 3rd yr Standing 3rd yr Standing CC 101
AL FBA SE HCI CS PROF EL CS ELEC	102 101 101 1 1 1 2	Automata Theory and Formal Language Fundamentals of Business Analytics Software Engineering 1 Fundamentals of Human Computer Interaction CS Professional Elective 1 CS Elective 1 CS Elective 2	3 2 3 2 2 2	3 3 1 3 1 3 1 3 1 3 1 3	AL 101 CC 101 SDF 101 PL 101 3rd yr Standing 3rd yr Standing J FOUR	SE THS CS PROF EL CS PROF EL CS ELEC EDM NC	102 101 2 3 101 101	DESCRIPTIVE TITLE Software Engineering 2 CS Thesis 1 CS Professional Elective 2 CS Professional Elective 3 CS Elective 3 Fundamentals of Enterprise Data Management Networks and Communication	2 3 2 2 3 3	1 1 1	3 3 3 3 3 3 3	SE 101 3rd yr Standing 3rd yr Standing 3rd yr Standing 3rd yr Standing CC 101
AL FBA SE HCI CS PROF EL CS ELEC CS ELEC	102 101 101 1 1 1 2	Automata Theory and Formal Language Fundamentals of Business Analytics Software Engineering 1 Fundamentals of Human Computer Interaction CS Professional Elective 1 CS Elective 1 CS Elective 2 FIRST SEMESTER DESCRIPTIVE TITLE	3 2 3 2 2 2	3 3 1 3 1 3 1 3 1 3 1 3 21	AL 101 CC 101 SDF 101 PL 101 3rd yr Standing 3rd yr Standing J FOUR	SE THS CS PROF EL CS PROF EL CS ELEC EDM NC	102 101 2 3 101 101	DESCRIPTIVE TITLE Software Engineering 2 CS Thesis 1 CS Professional Elective 2 CS Professional Elective 3 CS Elective 3 Fundamentals of Enterprise Data Management Networks and Communication	2 3 2 3 3 2	1 1 1	3 3 3 3 3 3 3 21	SE 101 3rd yr Standing 3rd yr Standing 3rd yr Standing 3rd yr Standing CC 101 CC 103
AL FBA SE HCI CS PROF EL CS ELEC CS ELEC	102 101 101 1 1 2 CODE 101	Automata Theory and Formal Language Fundamentals of Business Analytics Software Engineering 1 Fundamentals of Human Computer Interaction CS Professional Elective 1 CS Elective 1 CS Elective 2 FIRST SEMESTER DESCRIPTIVE TITLE	3 2 3 2 2 2	3 3 1 3 1 3 1 3 1 3 21 LAB UNITI	AL 101 CC 101 SDF 101 PL 101 3rd yr Standing 3rd yr Standing Group: FOUR: S PREREQ	SE THS CS PROF EL CS PROF EL CS ELEC EDM NC	102 101 2 3 101 101 CODE 101	DESCRIPTIVE TITLE Software Engineering 2 CS Thesis 1 CS Professional Elective 2 CS Professional Elective 3 CS Elective 3 Fundamentals of Enterprise Data Management Networks and Communication SECOND SEMESTER DESCRIPTIVE TITLE	2 3 2 3 3 2	1 1 1	3 3 3 3 3 3 3 21	SE 101 3rd yr Standing 3rd yr Standing 3rd yr Standing CC 101 CC 103 PREREQ
AL FBA SE HCI CS PROF EL CS ELEC CS ELEC FG SUBJECT O	102 101 101 101 1 1 2 CODE 101 101	Automata Theory and Formal Language Fundamentals of Business Analytics Software Engineering 1 Fundamentals of Human Computer Interaction CS Professional Elective 1 CS Elective 1 CS Elective 2 FIRST SEMESTER DESCRIPTIVE TITLE Social Issues & Professional Practice	3 2 3 2 2 2 2 2 2	3 3 1 3 1 3 1 3 1 3 21 LAB UNITI 3 3	AL 101 CC 101 SDF 101 PL 101 3rd yr Standing 3rd yr Standing FOUR SF PREREQ SE 102 CC 105	SE THS CS PROF EL CS PROF EL CS ELEC EDM NC TH YEAR	102 101 2 3 101 101 CODE 101	DESCRIPTIVE TITLE Software Engineering 2 CS Thesis 1 CS Professional Elective 2 CS Professional Elective 3 CS Elective 3 Fundamentals of Enterprise Data Management Networks and Communication SECOND SEMESTER DESCRIPTIVE TITLE Practicum (486 hrs)	2 3 2 3 2 2 LEC 9	1 1 1	3 3 3 3 21 UNITS 9 3	SE 101 3rd yr Standing 3rd yr Standing 3rd yr Standing CC 101 CC 103 PREREQ Hth Yr Standing
AL FBA SE HCI CS PROF EL CS ELEC CS ELEC CS ELEC SIP IAS THS	102 101 101 101 1 1 1 2 CODE 101 101 102	Automata Theory and Formal Language Fundamentals of Business Analytics Software Engineering 1 Fundamentals of Human Computer Interaction CS Professional Elective 1 CS Elective 1 CS Elective 2 FIRST SEMESTER DESCRIPTIVE TITLE Social Issues & Professional Practice Information Assurance & Security CS Thesis 2	3 2 2 2 2 2 LEC 3 3 2	3 3 1 3 1 3 1 3 1 3 21 LAB UNITI 3 3 1 3	AL 101 CC 101 SDF 101 PL 101 3rd yr Standing 3rd yr Standing Group Standing FOUR S PREREQ SE 102 CC 105 THS 101	SE THS CS PROF EL CS PROF EL CS ELEC EDM NC TH YEAR	102 101 2 3 101 101 CODE 101	DESCRIPTIVE TITLE Software Engineering 2 CS Thesis 1 CS Professional Elective 2 CS Professional Elective 3 CS Elective 3 Fundamentals of Enterprise Data Management Networks and Communication SECOND SEMESTER DESCRIPTIVE TITLE Practicum (486 hrs)	2 3 2 3 2 2 LEC 9	1 1 1	3 3 3 3 3 3 3 21	SE 101 3rd yr Standing 3rd yr Standing 3rd yr Standing CC 101 CC 103 PREREQ eth Yr Standing
AL FBA SE HCI CS PROF EL CS ELEC CS ELEC SIP IAS THS CS PROF EL	102 101 101 101 1 1 2 CODE 101 101 102 4	Automata Theory and Formal Language Fundamentals of Business Analytics Software Engineering 1 Fundamentals of Human Computer Interaction CS Professional Elective 1 CS Elective 1 CS Elective 2 FIRST SEMESTER DESCRIPTIVE TITLE Social Issues & Professional Practice Information Assurance & Security CS Thesis 2 CS Professional Elective 4	3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 3 1 3 1 3 1 3 1 3 21 LAB UNTI 3 3 1 3 1 3 1 3	AL 101 CC 101 SDF 101 PL 101 3rd yr Standing 3rd yr Standing 3rd yr Standing FOUR S PREREQ SE 102 CC 105 THS 101 4th yr Standing	SE THS CS PROF EL CS PROF EL CS ELEC EDM NC TH YEAR	102 101 2 3 101 101 CODE 101	DESCRIPTIVE TITLE Software Engineering 2 CS Thesis 1 CS Professional Elective 2 CS Professional Elective 3 CS Elective 3 Fundamentals of Enterprise Data Management Networks and Communication SECOND SEMESTER DESCRIPTIVE TITLE Practicum (486 hrs)	2 3 2 3 2 2 LEC 9	1 1 1	3 3 3 3 21 UNITS 9 3	SE 101 3rd yr Standing 3rd yr Standing 3rd yr Standing CC 101 CC 103 PREREQ eth Yr Standing
AL FBA SE HCI CS PROF EL CS ELEC CS ELEC SIP IAS THS CS PROF EL CS ELEC	102 101 101 101 1 1 2 CODE 101 101 102 4 4	Automata Theory and Formal Language Fundamentals of Business Analytics Software Engineering 1 Fundamentals of Human Computer Interaction CS Professional Elective 1 CS Elective 1 CS Elective 2 FIRST SEMESTER DESCRIPTIVE TITLE Social Issues & Professional Practice Information Assurance & Security CS Thesis 2 CS Professional Elective 4 CS Elective 4	3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 3 1 3 1 3 1 3 1 3 21 LAB UNITI 3 3 1 3 1 3 1 3 1 3 1 3 1 3	AL 101 cc 101 SDF 101 PL 101 3rd yr Standing 3rd yr Standing 3rd yr Standing FOUR: S PREREQ SE 102 CC 105 THS 101 4th yr Standing 4th yr Standing	SE THS CS PROF EL CS ELEC EDM NC TH YEAR FG SUBJECT PRAC SEMTOU	102 101 2 3 101 101 CODE 101	DESCRIPTIVE TITLE Software Engineering 2 CS Thesis 1 CS Professional Elective 2 CS Professional Elective 3 CS Elective 3 Fundamentals of Enterprise Data Management Networks and Communication SECOND SEMESTER DESCRIPTIVE TITLE Practicum (486 hrs)	2 3 2 3 2 2 LEC 9	1 1 1	3 3 3 3 21 UNITS 9 3	SE 101 3rd yr Standing 3rd yr Standing 3rd yr Standing CC 101 CC 103 PREREQ eth Yr Standing
AL FBA SE HCI CS PROF EL CS ELEC CS ELEC SIP IAS THS CS PROF EL	102 101 101 101 1 1 2 CODE 101 101 102 4 4	Automata Theory and Formal Language Fundamentals of Business Analytics Software Engineering 1 Fundamentals of Human Computer Interaction CS Professional Elective 1 CS Elective 1 CS Elective 2 FIRST SEMESTER DESCRIPTIVE TITLE Social Issues & Professional Practice Information Assurance & Security CS Thesis 2 CS Professional Elective 4	3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 3 1 3 1 3 1 3 1 3 21 LAB UNITI 3 3 1 3 1 3 1 3 1 3 0 3	AL 101 CC 101 SDF 101 PL 101 3rd yr Standing 3rd yr Standing 3rd yr Standing FOUR S PREREQ SE 102 CC 105 THS 101 4th yr Standing 4th yr Standing 18A 101 & EDM 102	SE THS CS PROF EL CS ELEC EDM NC TH YEAR FG SUBJECT PRAC SEMTOU	102 101 2 3 101 101 CODE 101	DESCRIPTIVE TITLE Software Engineering 2 CS Thesis 1 CS Professional Elective 2 CS Professional Elective 3 CS Elective 3 Fundamentals of Enterprise Data Management Networks and Communication SECOND SEMESTER DESCRIPTIVE TITLE Practicum (486 hrs) Seminars & Tour	2 3 2 3 2 2 2 2 2 3 3 2 3	1 1 1	3 3 3 3 21 UNITS 9 3	SE 101 3rd yr Standing 3rd yr Standing 3rd yr Standing CC 101 CC 103 PREREQ eth Yr Standing
AL FBA SE HCI CS PROF EL CS ELEC CS ELEC SIP IAS THS CS PROF EL CS ELEC	102 101 101 101 1 1 2 CODE 101 101 102 4 4	Automata Theory and Formal Language Fundamentals of Business Analytics Software Engineering 1 Fundamentals of Human Computer Interaction CS Professional Elective 1 CS Elective 1 CS Elective 2 FIRST SEMESTER DESCRIPTIVE TITLE Social Issues & Professional Practice Information Assurance & Security CS Thesis 2 CS Professional Elective 4 CS Elective 4	3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 3 1 3 1 3 1 3 1 3 21 LAB UNITI 3 3 1 3 1 3 1 3 1 3 1 3 1 3	AL 101 CC 101 SDF 101 PL 101 3rd yr Standing 3rd yr Standing 3rd yr Standing FOUR S PREREQ SE 102 CC 105 THS 101 4th yr Standing 4th yr Standing 18A 101 & EDM 102	SE THS CS PROF EL CS ELEC EDM NC TH YEAR FG SUBJECT PRAC SEMTOU	102 101 2 3 101 101 CODE 101	DESCRIPTIVE TITLE Software Engineering 2 CS Thesis 1 CS Professional Elective 2 CS Professional Elective 3 CS Elective 3 Fundamentals of Enterprise Data Management Networks and Communication SECOND SEMESTER DESCRIPTIVE TITLE Practicum (486 hrs)	2 3 2 3 2 2 2 2 2 3 3 2 3	1 1 1	3 3 3 3 21 UNITS 9 3	SE 101 3rd yr Standing 3rd yr Standing 3rd yr Standing CC 101 CC 103 PREREQ eth Yr Standing
AL FBA SE HCI CS PROF EL CS ELEC CS ELEC SIP IAS THS CS PROF EL CS ELEC	102 101 101 101 1 1 2 CODE 101 101 102 4 4	Automata Theory and Formal Language Fundamentals of Business Analytics Software Engineering 1 Fundamentals of Human Computer Interaction CS Professional Elective 1 CS Elective 1 CS Elective 2 FIRST SEMESTER DESCRIPTIVE TITLE Social Issues & Professional Practice Information Assurance & Security CS Thesis 2 CS Professional Elective 4 CS Elective 4	3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 3 1 3 1 3 1 3 1 3 21 LAB UNITI 3 3 1 3 1 3 1 3 1 3 0 3	AL 101 CC 101 SDF 101 PL 101 3rd yr Standing 3rd yr Standing 3rd yr Standing FOUR S PREREQ SE 102 CC 105 THS 101 4th yr Standing 4th yr Standing 18A 101 & EDM 102	SE THS CS PROF EL CS ELEC EDM NC TH YEAR FG SUBJECT PRAC SEMTOU	102 101 2 3 101 101 CODE 101 R	DESCRIPTIVE TITLE Software Engineering 2 CS Thesis 1 CS Professional Elective 2 CS Professional Elective 3 CS Elective 3 Fundamentals of Enterprise Data Management Networks and Communication SECOND SEMESTER DESCRIPTIVE TITLE Practicum (486 hrs) Seminars & Tour	2 3 2 3 2 2 2 2 2 3 3 2 3	1 1 1 LAB	3 3 3 3 21 UNITS 9 3	SE 101 3rd yr Standing 3rd yr Standing 3rd yr Standing CC 101 CC 103 PREREQ eth Yr Standing
AL FBA SE HCI CS PROF EL CS ELEC CS ELEC SIP IAS THS CS PROF EL CS ELEC	102 101 101 101 1 1 2 CODE 101 101 102 4 4	Automata Theory and Formal Language Fundamentals of Business Analytics Software Engineering 1 Fundamentals of Human Computer Interaction CS Professional Elective 1 CS Elective 1 CS Elective 2 FIRST SEMESTER DESCRIPTIVE TITLE Social Issues & Professional Practice Information Assurance & Security CS Thesis 2 CS Professional Elective 4 CS Elective 4	3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 3 1 3 1 3 1 3 1 3 21 LAB UNITI 3 3 1 3 1 3 1 3 1 3 0 3	AL 101 CC 101 SDF 101 PL 101 3rd yr Standing 3rd yr Standing 3rd yr Standing FOUR S PREREQ SE 102 CC 105 THS 101 4th yr Standing 4th yr Standing 18A 101 & EDM 102	SE THS CS PROF EL CS ELEC EDM NC TH YEAR FG SUBJECT PRAC SEMTOU	102 101 2 3 101 101 CODE 101 R	DESCRIPTIVE TITLE Software Engineering 2 CS Thesis 1 CS Professional Elective 2 CS Professional Elective 3 CS Elective 3 Fundamentals of Enterprise Data Management Networks and Communication Second SEMESTER DESCRIPTIVE TITLE Practicum (486 hrs) Seminars & Tour Computer Science Professional Elector	2 3 2 3 3 2 LEC 9 3 tives	1 1 1 LAB	3 3 3 3 3 21 UNITS 9 3 12	SE 101 3rd yr Standing 3rd yr Standing 3rd yr Standing CC 101 CC 103 PREREQ eth Yr Standing
AL FBA SE HCI CS PROF EL CS ELEC CS ELEC SIP IAS THS CS PROF EL CS ELEC	102 101 101 101 1 1 2 CODE 101 101 102 4 4	Automata Theory and Formal Language Fundamentals of Business Analytics Software Engineering 1 Fundamentals of Human Computer Interaction CS Professional Elective 1 CS Elective 1 CS Elective 2 FIRST SEMESTER DESCRIPTIVE TITLE Social Issues & Professional Practice Information Assurance & Security CS Thesis 2 CS Professional Elective 4 CS Elective 4	3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 3 1 3 1 3 1 3 1 3 21 LAB UNITI 3 3 1 3 1 3 1 3 1 3 0 3	AL 101 CC 101 SDF 101 PL 101 3rd yr Standing 3rd yr Standing 3rd yr Standing FOUR S PREREQ SE 102 CC 105 THS 101 4th yr Standing 4th yr Standing 18A 101 & EDM 102	SE THS CS PROF EL CS FLEC EDM NC TH YEAR FG SUBJECT PRAC SEMTOU	102 101 2 3 101 101 CODE 101 R	DESCRIPTIVE TITLE Software Engineering 2 CS Thesis 1 CS Professional Elective 2 CS Professional Elective 3 CS Elective 3 Fundamentals of Enterprise Data Management Networks and Communication SECOND SEMESTER DESCRIPTIVE TITLE Practicum (486 hrs) Seminars & Tour Computer Science Professional Elect ptive Title	2 3 2 3 3 2 LEC 9 3 tives LEC 2	1 1 1 LAB	3 3 3 3 3 21 UNITS 9 4 3 12 LAB 1	SE 101 3rd yr Standing 3rd yr Standing 3rd yr Standing CC 101 CC 103 PREREQ eth Yr Standing
AL FBA SE HCI CS PROF EL CS ELEC CS ELEC SIP IAS THS CS PROF EL CS ELEC	102 101 101 101 1 1 2 CODE 101 101 102 4 4	Automata Theory and Formal Language Fundamentals of Business Analytics Software Engineering 1 Fundamentals of Human Computer Interaction CS Professional Elective 1 CS Elective 1 CS Elective 2 FIRST SEMESTER DESCRIPTIVE TITLE Social Issues & Professional Practice Information Assurance & Security CS Thesis 2 CS Professional Elective 4 CS Elective 4	3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 3 1 3 1 3 1 3 1 3 21 LAB UNITI 3 3 1 3 1 3 1 3 1 3 0 3	AL 101 CC 101 SDF 101 PL 101 3rd yr Standing 3rd yr Standing 3rd yr Standing FOUR S PREREQ SE 102 CC 105 THS 101 4th yr Standing 4th yr Standing 18A 101 & EDM 102	SE THS CS PROF EL CS FROF EL CS ELEC EDM NC TH YEAR FG SUBJECT PRAC SEMTOU	102 101 2 3 101 101 CODE 101 R Descri	DESCRIPTIVE TITLE Software Engineering 2 CS Thesis 1 CS Professional Elective 2 CS Professional Elective 3 CS Elective 3 Fundamentals of Enterprise Data Management Networks and Communication SECOND SEMESTER DESCRIPTIVE TITLE Practicum (486 hrs) Seminars & Tour Computer Science Professional Elect ptive Title	2 3 2 3 3 2 LEC 9 3 tives LEC 2 2	1 1 1 LAB	3 3 3 3 3 21 UNITS 9 4 3 12 LAB 1 1	SE 101 3rd yr Standing 3rd yr Standing 3rd yr Standing CC 101 CC 103 PREREQ eth Yr Standing
AL FBA SE HCI CS PROF EL CS ELEC CS ELEC SIP IAS THS CS PROF EL CS ELEC	102 101 101 101 1 1 2 CODE 101 101 102 4 4	Automata Theory and Formal Language Fundamentals of Business Analytics Software Engineering 1 Fundamentals of Human Computer Interaction CS Professional Elective 1 CS Elective 1 CS Elective 2 FIRST SEMESTER DESCRIPTIVE TITLE Social Issues & Professional Practice Information Assurance & Security CS Thesis 2 CS Professional Elective 4 CS Elective 4	3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 3 1 3 1 3 1 3 1 3 21 LAB UNITI 3 3 1 3 1 3 1 3 1 3 0 3	AL 101 CC 101 SDF 101 PL 101 3rd yr Standing 3rd yr Standing 3rd yr Standing FOUR S PREREQ SE 102 CC 105 THS 101 4th yr Standing 4th yr Standing 18A 101 & EDM 102	SE THS CS PROF EL CS FROF EL CS ELEC EDM NC TH YEAR FG SUBJECT PRAC SEMTOU	102 101 2 3 101 101 CODE 101 R Descri ationa s and D	DESCRIPTIVE TITLE Software Engineering 2 CS Thesis 1 CS Professional Elective 2 CS Professional Elective 3 CS Elective 3 Fundamentals of Enterprise Data Management Networks and Communication SECOND SEMESTER DESCRIPTIVE TITLE Practicum (486 hrs) Seminars & Tour Computer Science Professional Elect ptive Title I Science Visual Computing istributed Computing	2 3 2 3 3 2 LEC 9 3 tives LEC 2	1 1 1 LAB	3 3 3 3 3 21 UNITS 9 4 3 12 LAB 1	SE 101 3rd yr Standing 3rd yr Standing 3rd yr Standing CC 101 CC 103 PREREQ eth Yr Standing

Intelligent Systems System Fundamentals

Computer Science Electives

2

1

Descriptive Title	LEC	LAB
Mobile Application Development	2	1
Natural Language Processing	2	1
Modelling and Simulation	2	1
Game Development	2	1
Geograhical Information System	3	
Cloud Computing	2	1

ID No: _____

Last Name

NAME: ____

First Name

Prepared by:

MELLANIE S. GAMBE Acting Dean, CCS Approved by:

EMMA B. MAGRACIA, PhD EO for Academic Affairs

M.I.