

Cebu Institute of Technology - University					
BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY					
EFFECTIVE ACADEMIC YEAR 2018-2019					
COURSE CODE	COURSE TITLE	Hours		UNITS	PRE-REQUISITE
		LEC	LAB		
FIRST YEAR					
FIRST SEMESTER					
CSIT101	Modern Tools 1	0	3	1	
CSIT111	Introduction to Computing	3	0	3	
CSIT121	Fundamentals of Programming	2	3	3	
MATH031	Mathematics in the Modern World	3	0	3	
ENGL031	Purposive Communication	3	0	3	
PHILO031	Ethics	3	0	3	
PSYCH031	Understanding the Self	3	0	3	
PE103	Movement Enhancement	2	0	2	
NSTP111	National Service Training Program 1	3	0	3	
		22	6	24	
SECOND SEMESTER					
IT102	Computer Hardware Fundamentals	0	3	1	CSIT111
CSIT104	Platform-based Development 1 (Multimedia)	0	3	1	CSIT101
CSIT112	Discrete Structures 1	3	0	3	
CSIT122	Intermediate Programming	2	3	3	CSIT121
SOCSCI031	Readings in Philippine History	3	0	3	
HUM031	Art Appreciation	3	0	3	
STS031	Science, Technology and Society	3	0	3	
PE104	Fitness Exercises	2	0	2	PE103
NSTP112	National Service Training Program 2	3	0	3	NSTP111
		19	9	22	
SECOND YEAR					
FIRST SEMESTER					
IT227	Networking 1	2	3	3	IT102
CSIT201	Platform-based Development 2 (Web)	0	3	1	CSIT121
CSIT213	Social and Professional Issues	3	0	3	CSIT111
CSIT221	Data Structures and Algorithms	2	3	3	CSIT122, CSIT112
CSIT227	Object-Oriented Programming 1	2	3	3	CSIT122
FIL031	Kontekstwalisadong Komunikasyong Filipino (KOMFIL)	3	0	3	
SOCSCI032	The Contemporary World	3	0	3	
PE205	Physical Activities Towards Health and Fitness I	2	0	2	PE103
		17	12	21	
SECOND SEMESTER					
IT228	Networking 2	2	3	3	IT227
CSIT212	Quantitative Methods	3	0	3	CSIT112
CSIT226	Information Management 1	2	3	3	CSIT221
CSIT228	Object-Oriented Programming 2	2	3	3	CSIT227
CSIT238	Human Computer Interaction	3	0	3	CSIT104
CSIT284	Platform-based Development 3 (Mobile)	0	3	1	CSIT227
FIL032	Filipino sa Iba't Ibang Disiplina (FILDIS)	3	0	3	FIL031
PE206	Physical Activities Towards Health and Fitness II	2	0	2	PE103

		17	12	21	
THIRD YEAR					
FIRST SEMESTER					
IT317	Project Management for IT	3	0	3	CSIT213, CSIT226
IT365	Data Analytics 1	2	3	3	CSIT212
CSIT321	Applications Development and Emerging Technologies	2	3	3	CSIT226, CSIT228, CSIT238, 3rd year standing
CSIT327	Information Management 2	2	3	3	CSIT226
CSIT331	Technopreneurship	3	0	3	3rd Year Standing
CSIT385	Information Assurance and Security 1	2	3	3	IT228
RIZAL031	The Life and Works of Rizal	3	0	3	None
		17	12	21	
SECOND SEMESTER					
IT332	Capstone and Research 1	3	0	3	IT317, IT365, CSIT321, 3rd year standing
IT334	IS Strategy	3	0	3	CSIT 327
IT342	Systems Integration and Architecture 1	2	3	3	3rd Year Standing
IT344	Systems Administration and Maintenance	2	3	3	IT228
IT386	Information Assurance and Security 2	2	3	3	CSIT385
ITFREE-EL1	Free Elective 1	3	0	3	3rd Year Standing
CSIT-ELEC1	CSIT Elective 1	2	3	3	3rd Year Standing
		17	12	21	
FOURTH YEAR					
FIRST SEMESTER					
IT411	Capstone and Research 2	3	0	3	IT332
CSIT-ELEC2	CSIT Elective 2	2	3	3	3rd Year Standing
CSIT-ELEC3	CSIT Elective 3	2	3	3	3rd Year Standing
CSIT-ELEC4	CSIT Elective 4	2	3	3	3rd Year Standing
ITFREE-EL2	Free Elective 2	3	0	3	3rd Year Standing
LIT031	Sosyedad at Literatura/Panitikang Panlipunan (SOSLIT)	3	0	3	None
		15	9	18	
SECOND SEMESTER					
IT412	OJT/Practicum	12	0	12	4th Year Standing
		12	0	12	
CSIT ELECTIVES					
CSIT348	Robotics for IT	2	3	3	3rd Year Standing
CSIT440	Industry Trends	2	3	3	3rd Year Standing
IT461	Advanced Web Systems	2	3	3	CSIT201, CSIT327, CSIT228
IT462	Advanced Mobile Technologies	2	3	3	CSIT202, CSIT327, CSIT228
IT463	Advanced Multimedia Systems	2	3	3	IT202, CSIT317
IT465	Data Analytics 2	2	3	3	IT365
Other 3-unit CCS Courses with laboratory component					
IT FREE ELECTIVES					
CSIT333	Special Topics in CS/IT	3	0	3	Adviser's Consent
CSIT337	Correlation Course	3	0	3	Adviser's Consent
CSIT332	Technical Communication for CS/IT	3	0	3	Adviser's Consent
CSIT335	Testing and Quality Assurance	3	0	3	Adviser's Consent
3-unit courses from other Colleges					

Other 3-unit CCS courses with no laboratory component