

PHILIPPINE CHRISTIAN UNIVERSITY
College of Engineering and Information Technology

BACHELOR OF SCIENCE IN COMPUTER SCIENCE
Curriculum

FIRST YEAR

	First Semester				Second Semester	
RELS1001	Christian Formation	3		RELS1002	Christian Ethics	3
	Living in the IT Era	3			Environmental Science	3
GNED1001	Mathematics in the Modern World	3		GNED1002	Understanding the Self	3
COMP1101	Introduction to Computing	3		COMP1201	Computer Programming 2	3
COMP1102	Computer Programming 1	3		COMP1202	Human Computer Interaction	3
COMP1103	Discrete Structures	3		COMP1203	Discrete Structures 2	3
CWTS1001	Civic Welfare Training Service 1	3		CWTS1002	Civic Welfare Training Service 2	3
PHED1001	Physical Education 1	3		PHED1002	Physical Education 2	3
	TOTAL	23			TOTAL	23

SECOND YEAR

	First Semester				Second Semester	
	Philippine Popular Culture	3		GNED1005	Readings in Philippine History	3
GNED1003	The Contemporary World	3		GNED1006	Purposive Communication	3
GNED1004	Science, Technology and Society	3		GNED1007	Art Appreciation	3
GNED1009	Life and Works of Rizal	3		GNED1008	Ethics	3
COMP2101	Network and Communications	3		COMP2201	Information Management	3
COMP2102	Object-Oriented Programming	3		COMP2202	Programming Languages	3
COMP2103	Data Structures and Algorithms	3		COMP2203	Algorithms and Complexity	3
PHED1003	Physical Education 3	3		PHED1004	Physical Education 4	3
	TOTAL	23			TOTAL	23

THIRD YEAR

	First Semester			Second Semester		
COMP3101	Advanced Database Systems	3		COMP3201	Application Dev.and Emerging Technologies	3
COMP3102	Operating Systems	3		COMP3202	Information Assurance and Security 1	3
COMP3103	Automata Theory and Formal Languages	3		COMP3203	Data Analytics	3
COMP3104	Software Engineering 1	3		COMP3204	Software Engineering 2	3
COMP3105	Computer Architecture and Organization	3		COMP3205	Numerical Methods	3
COMP3106	Graphics and Visual Computing	3			Elective 1	3
COMP3107	Intelligent Systems	3			Elective 2	3
	TOTAL	21		TOTAL		21

FOURTH YEAR

	First Semester			Second Semester		
COMP4101	Practicum	3		COMP4201	Computational Science	3
COMP4102	Information Assurance and Security 2	3		COMP4202	Parallel and Distributed Computing	3
COMP4103	Social Issues and Professional Practice	3		COMP4299	Computer Science Thesis Wiring 2	3
COMP4198	Computer Science Thesis Writing 1	3			Elective 3	3
	TOTAL	12		TOTAL		12