

**DE LA SALLE UNIVERSITY - COLLEGE OF COMPUTER STUDIES**  
Bachelor of Science in Computer Science With Specialization in Software Technology  
Course Checklist 2018-2022

ACADEMIC YEAR 2018-2019 (1 <sup>ST</sup> YEAR)				
Course	Full Title	Units	Course requisites	
FIRST TERM				
GEPCOMM	Purposive Communication	3.00	None	
CCPROG1	Logic Formulation and Introductory Programming	3.00	None	
CCICOMP	Introduction to Computing	3.00	None	
BASMATH	Algebra and Trigonometry	5.00	None	
BASSTAT	Algebra and Statistics	3.00	None	
NSTP101	NSTP Orientation	(0.00)	None	
SAS1000	Student Affairs Services 1000	(0.00)	None	
Subtotal Units:		17.00	(0.00)	
SECOND TERM				
GEUSELF	Understanding the Self	3.00	None	
GEMATMW	Mathematics in the Modern World	3.00	None	
GEARTAP	Art Appreciation	3.00	None	
CCPROG2	Programming with Structured Data Types	3.00	h: CCPROG1	
CSMATH1	Differential Calculus	3.00	h: BASMATH	
CCDSTRU	Discrete Structures	3.00	None	
LASARE1	Lasallian Recollection 1	(0.00)	None	
LCLSONE	Lasallian Studies 1	(1.00)	None	
NSTP-01	National Service Training Program Phase 1	(3.00)	h: NSTP101	
Subtotal Units:		18.00	(4.00)	
THIRD TERM				
GEFIL1	Introduksyon sa Filipinohiya	3.00	None	
LCFAITH	Faith Worth Living	3.00	None	
GEFTWEL	Physical Fitness and Wellness	2.00	None	
CCPROG3	Object-Oriented Programming	3.00	h: CCPROG2	
CSMATH2	Linear Algebra for Computer Science	3.00	h: BASMATH	
CCDSALG	Data Structures and Algorithms	3.00	s: CCPROG2, CCDSTRU	
NSTP-02	National Service Training Program Phase 2	(3.00)	h: NSTP-01	
Subtotal Units:		17.00	(3.00)	

ACADEMIC YEAR 2020-2021 (3 <sup>RD</sup> YEAR)				
Course	Full Title	Units	Course requisites	
FIRST TERM				
STSWENG	Advanced Software Engineering	3.00	h: CSSWENG	
STADVDB	Advanced Database Systems	3.00	h: CCINFOM	
CSARCH2	Introduction to Computer Organization and Architecture 2	3.00	h: CSARCH1, c: LBARCH	
LBARCH	Laboratory for Computer Organization and Architecture	1.00	c: CSARCH2	
STHCIUX	Human Computer Interactions	3.00	None	
Subtotal Units:		13.00	(0.00)	
SECOND TERM				
PRC-ST1	Practicum for ST Students	3.00	h: CSSWENG	
Subtotal Units:		3.00	(0.00)	
THIRD TERM				
STMETRE	Software Technology Research Methods	3.00	None	
CSOPESY	Introduction to Operating Systems	3.00	h: CSARCH2	
STELC1	Software Technology Elective 1	3.00	see note	
STELC2	Software Technology Elective 2	3.00	see note	
STINTSY	Advanced Intelligent Systems	3.00	h: CSINTSY	
LASARE3	Lasallian Recollection 3	(0.00)	h: LASARE2	
LCLSTRI	Lasallian Studies 3	(1.00)	h: LCLSTWO	
Subtotal Units:		15.00	(1.00)	

Possible choices for STELC1-4:  
Natural Language Processing, Advanced Machine Learning,  
3D Graphics, Data Analytics, Complex Systems, Foreign Languages

ACADEMIC YEAR 2019-2020 (2 <sup>ND</sup> YEAR)				
Course	Full Title	Units	Course requisites	
FIRST TERM				
GEFIL2	Mga Usaping Pangwika sa Iba't Ibang Larangan	3.00	None	
GEDANCE	Physical Fitness and Wellness in Dance	2.00	s: GEFTWEL	
CSADPRG	Advanced Programming Techniques	3.00	h: CCPROG3	
CCINFOM	Information Management	3.00	h: CCPROG2	
CSALGCM	Algorithms and Complexity	3.00	h: CCDSALG	
CSINTSY	Introduction to Artificial Intelligence	3.00	h: CCDSTRU	
Subtotal Units:		17.00	(0.00)	
SECOND TERM				
GEETHIC	Ethics	3.00	None	
GESPORT	Physical Fitness and Wellness in Individual Sports	2.00	s: GEFTWEL	
CCAPDEV	Web Application Development	3.00	h: CCINFOM, CCPROG3	
CSARCH1	Introduction to Computer Organization and Architecture 1	3.00	h: CCICOMP	
ST-MATH	Integral Calculus for Computer Science Students	3.00	h: CSMATH1	
STALGCM	Advanced Algorithms and Complexities	3.00	h: CSALGCM	
LASARE2	Lasallian Recollection 2	(0.00)	h: LASARE1	
LCLSTWO	Lasallian Studies 2	(1.00)	h: LCLSONE	
Subtotal Units:		17.00	(1.00)	
THIRD TERM				
LCENWRD	Encountering the Word in the World	3.00	None	
GETEAMS	Physical Fitness and Wellness in Team Sports	2.00	s: GEFTWEL	
CSSWENG	Software Engineering	3.00	h: CCAPDEV	
MOBDEV	Mobile Development	3.00	h: CCAPDEV	
CSNETWK	Introduction to Computer Networks	3.00	h: CCICOMP, CCPROG2	
CSMODEL	Modelling and Simulation	3.00	h: BASSTAT, CSMATH1, CSMATH2	
Subtotal Units:		17.00	(0.00)	

ACADEMIC YEAR 2021-2022 (4 <sup>TH</sup> YEAR)				
Course	Full Title	Units	Course requisites	
FIRST TERM				
GEWORLD	The Contemporary World	3.00	None	
GERPHIS	Readings in Philippine History	3.00	None	
THS-ST1	Software Technology Thesis 1	2.00	h: STMETRE	
STDISCM	Distributed Computing	3.00	h: CSOPESY	
STELC3	Software Technology Elective 3	3.00	see note	
Note: Minor degree takers may enroll 3 units this term				
Subtotal Units:		14.00	(0.00)	
SECOND TERM				
GELITE1	Literatures of the Philippines	3.00	None	
GESTSOC	Science, Technology, and the Society	3.00	None	
THS-ST2	Software Technology Thesis 2	2.00	h: STTHES1	
CSSECDV	Secure Web Development	3.00	h: CCAPDEV	
STELC4	Software Technology Elective 4	3.00	see note	
Note: Minor degree takers may enroll 3 units this term				
Subtotal Units:		14.00	(0.00)	
THIRD TERM				
GERIZAL	Life and Works of Rizal	3.00	None	
LCASEAN	The Filipino and ASEAN	3.00	None	
THS-ST3	Software Technology Thesis 3	2.00	h: STTHES2	
CCINOV8	Innovation and Technology Management	3.00	None	
Note: Minor degree takers may enroll 6 units this term				
Subtotal Units:		11.00	(0.00)	