

COMPUTER SCIENCE – BACHELOR'S DEGREE					
Emphasis in Software Development					
Renewal of Accreditation Ministerial Ordinance no. 286/12, of 12/21/12 – D.O.U. of 12/27/12					
Curriculum 11 introduced on 2013/1					
SEM	CODES	COURSES	CR	HOURS	PRE-REQUIREMENT
	01356	Algorithms and Programming	04	60	-
	00546	Fundamentals of Computing	04	60	-
	00548	Operational Systems	04	60	-
	00205	Mathematical Logic	04	60	-
	02626	Elementary Mathematics	04	60	-
	00004	Linear Algebra	04	60	02626
	00016	Differential and Integral Calculus	04	60	02626
	03851	Programming Lab	04	60	01356
	02462	Object-Oriented Programming	04	60	01356
	02604	Texts Reading, Production and Review	04	60	-
	00017	Numerical Calculation	04	60	00016
	02631	Development for Web I	04	60	02462
	00059	Data Structure I	04	60	03851
	02463	Computers Organization and Architecture	04	60	00546
	02605	Religious Cultural Phenomena	04	60	-
	01359	Data Communication	04	60	00548
	02632	Development for Web II	04	60	02631
	00060	Data Structure II	04	60	00059
	00729	Statistics	04	60	02626
	03745	Ethics and Human Rights	04	60	-
	02627	Fundamentals of Software Engineering	04	60	02462
The enrollment in courses of the 5 th and subsequent semesters requires the completion of the previous semesters: Resolution of Academic Board No 01/2009, of 04/01/2009					
	02633	Object-Oriented Analysis and Project	04	60	02627
	01453	Mathematics for Computing	04	60	00729
	02628	Parallel Programming	04	60	00059/00548
	02634	Database Project	04	60	00059
	03850	Introduction to Systems Security	04	60	-
	01454	Theory of Computation	04	60	00205/01356
	00271	Computers Networks	04	60	01359
	01440	Complexity of Algorithms	04	60	01454
	01441	Artificial Intelligence I	04	60	02462/01454
	01439	Formal Languages	04	60	01454
	00554	Distributed Systems	04	60	00271
	02344	Software Quality and Testing	04	60	02627
	00549	Compilers	04	60	01439
	01442	Artificial Intelligence II	04	60	01441
	02833	Database Architecture	04	60	02634
	01449	Software Development Management	04	60	02633
	01983	Entrepreneurship and Creativity	04	60	-
	01450	Software Engineering Lab	04	60	02633
	00558	Modeling and Simulation	04	60	00729/02462
	00696	Fault Tolerance	04	60	00554
	02619	Final Paper I	04	60	03860/01449
	01018	Computers Graphic	04	60	00004/02462
	01096	Optional	04	60	-
	01989	Technological Innovation Management	04	60	01450
	01455	Special Topics in Software Development	04	60	01450
	02620	Final Paper II	04	60	02619
Subtotal			188	2820	
Complementary Activities				180	
TOTAL				3000	

Proficiency in Foreign Language: The proficiency test in English Language shall be taken missing no more than 6 (six) courses for program completion, according to Resolution of Academic Board no. 452/15, of 04/01/15.

Optional courses: The student may attend any course from the programs offered by Unilasalle, selected by mutual agreement with the program coordination, as long as the pre-requirements are met.

The Brazilian Sign Language – Libras may be attended as optional pursuant to Decree 5626/2005.

Complementary Activities: The Curriculum completion occurs through the performance of Complementary Activities, according to Resolution of Academic Board no. 436/13, of 04/10/2013.