

CHEMICAL ENGINEERING – BACHELOR'S DEGREE					
Authorization CONSUN/UNILASALLE Resolution no. 573/12, of 09/28/12					
Curriculum 1 introduced on 2013/1					
SEM	CODES	COURSES	CR	HOURS	PRE-REQUIREMENT
	03759	Introduction to Chemical Engineering	04	60	-
	01358	Technical Drawing	04	60	-
	02897	Basic General Chemistry	04	60	-
	00545	Analytical Geometry	04	60	-
	02872	Physics – Basic Mechanics	04	60	-
	02626	Elementary Mathematics	04	60	-
	00496	Differential and Integral Calculus I	04	60	02626
	02873	Physics – Advanced Mechanics	04	60	02872
	02900	Functional Organic Chemistry	04	60	02897
	03785	Chemistry of Coordination Compounds	04	60	02897
	02604	Texts Reading, Production and Review	04	60	-
	00729	Statistics	04	60	02626
	02850	Applied Inorganic Chemistry	04	60	02897
	00535	Differential and Integral Calculus II	04	60	00496
	00643	Physical Chemistry I	04	60	00496/02897
	03761	Structure and Reaction Organic Chemistry I	04	60	02900
	00004	Linear Algebra	04	60	-
	02761	Electromagnetism	04	60	00496
	02605	Religious Cultural Phenomena	04	60	-
	03781	Introduction to Industrial Chemical Processes	04	60	02897/00643
	00644	Physical Chemistry II	04	60	00643
	00540	Differential and Integral Calculus III	04	60	00535
	01058	Differential Equations	04	60	00535
	03745	Ethics and Human Rights	04	60	-
	03762	Structure and Reaction Organic Chemistry II	04	60	03761
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					
	03763	Fluid Mechanics	04	60	01058
	00017	Numerical Calculation	04	60	01058
	03764	Theoretical Analytical Chemistry	04	60	02897
	02763	Experimental Physical Chemistry	04	60	00643/00644
	03752	Solid Mechanics	04	60	02873
	03765	Thermodynamics for Chemical Engineering	04	60	00540/00644
	03766	Heat Transfer	04	60	03763
	03767	Unit Operations I	04	60	03763
	01108	Applied Mathematics	04	60	01058
	03722	Electrotechnics	04	60	02761
	03769	Experimental Analytical Chemistry	04	60	03764
	01356	Algorithms and Programming	04	60	-
	03770	Mass Transfer	04	60	03766
	03768	Unit Operations II	04	60	03766
	03771	Reactor Calculation I	04	60	03765/03766
	03775	Instrumentation in Chemical Industry	04	60	01058/03763
	02895	Instrumental Analytical Chemistry	04	60	03764
	03773	Unit Operations III	04	60	03770
	03774	Process Analysis and Simulation (software)	04	60	01058/03771
	03772	Reactor Calculation II	04	60	03771
	02619	Final Paper I	04	60	160 credits
	01977	Projects Preparation	04	60	-
	01389	Control Systems	04	60	01108/03775
	03776	Chemical Planning and Project	04	60	01977/03767/03768/03773
	03778	Supervised Internship	12	180	180 credits
	03777	Chemical Engineering Lab	04	60	03767/03768/03773/03772
	03786	Physical and Physical-Chemical Treatment of Effluents	04	60	03763
	01096	Optional	04	60	-
	02620	Final Paper II	04	60	02619
	03760	Quality Engineering	04	60	-
	03782	Biological Treatment of Liquid Effluents	04	60	03763
Subtotal			232	3480	
Complementary Activities				120	
GENERAL TOTAL				3600	

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 the Basic Administration Collegiate no. 436/13, of 04/10/2013.