

ENSCL Learning Agreement – 3rd year (semesters 5 and 6) Academic year 2020/21

LAST NAME:	FIRST NAME:
Name of the sending institution:	
Sending institution supervisor's name and email:	
ENSCL Supervisor:	
Planned period of the mobility: From	till (month/year)

It is strongly recommended that you select "Teaching Units" as they are groups of classes when choosing courses.

Teaching Units	Modules	Code	Semester	ECTS	Select your courses by ticking the boxes below	Language (1)
Analytical	Electrochemistry in Solution and Electrochemical methods	5.1.1	S 5	7		F
Chemistry	Experimental and analytical chemistry	5.1.2	S 5	,		F
Spectroscopy and organic chemistry	Structure and reactivity of organic molecules	5.2.1	\$5	\$5		F
organic chemistry	Applied molecular spectroscopy	5.2.2	S 5			F
Physical	Thermochemistry (In class + self-study)	5.3.1	S5	7		F
Chemistry	Kinetics (In class + self-study)	5.3.2	S 5			F
	Experimental physical chemistry	5.3.3	S5			F
Chemical	Fluid mechanics and hydrodynamics	5.4.1	S 5	4		F
Engineering	Heat and exchange transfers	5.4.2	S 5			F
	Experimental chemical engineering	5.4.3	S5			F
International	English	5.5.1	S 5			
training	German	5.5.2	S 5			
-	Spanish	5.5.3	S5	4		
Languages	French as a foreign language	5.5.4	S5			
	Optional: 3rd language	5.5.5	S 5			
Job training,	3P ⁽²⁾ / Sustainable development week	5.6.1 S5		F/E		
Humanities	Project management	5.6.2	S5	3		F
	Applied statistics and data processing	5.6.3	S5			F

Teaching Units	Modules	Code	Semester	ECTS	Select your courses by ticking the boxes below	Language
Organic and	Advanced organic chemistry	6.1.1	S6			F
macromolecular	Introduction to polymer chemistry	6.1.2	S6	7		F
Chemistry	Experimental Organic chemistry	6.1.3	S6			F
	Introduction to solid state chemistry	6.2.1	S6			F
Inorganic	Crystal chemistry	6.2.2	S6	8		F/E
chemistry	Inorganic and industrial chemistry	6.2.3	S6			F/E
	Experimental inorganic chemistry	6.2.4	S6			F
Chemical	Mass transfers and exchanges	6.3.1	S6	3		F
Engineering	Processes of separation and drying	6.3.2	S6			F
International	English	6.4.1	S6			
training	German	6.4.2	S6			
-	Spanish	6.4.3	S6	4		
Languages	French as a foreign language	6.4.4	S6			
	Optional: 3 rd language	6.4.5	S6			
	3P ⁽²⁾	6.5.1	S6			F
Job training,	Financial aspects of a company (accountancy)	5.5.2	S6	4		F
Humanities	Numerical tools for engineers	5.5.3	S6	4		F
	Sustainable development	5.5.4	S6			F/E
Industrial Internship	Industrial Internship (6 weeks) (3)	6.6.1	\$6	4		F

^{(1):} F/E: The course can be given in French or in English according to the audience

^{(2):} Professional projet, Seminars, Visits of industrial places

^{(3): 4} ECTS validated by the internship supervisor

Research project in a laboratory at ENSCL not for double degree students	Subject or area	ECTS			
	Supervisor/Researcher	Credits Accordingto the duration		F/E	
EXCHANGE STUDE	NT				
Date:					
SENDING INSTITUT	ION (We confirm that the proposed programme of study/learning agreement has been approved)				
Date:					
Supervisor's name and signature Coordinator's r		ame and signature and Stamp			
HOST INTITUTION	(We confirm that the proposed programme of study/learning agreement has been approved)				
Date:					
ENSCL Supervisor's name and signature ENSCL Director of Studies - C. DUJAF			RDIN		