

**Professional Master - M2
Software Engineering
2026-2027**

Semester 3	Course						
	Code	Title	Credits	C	TS	LS	Hours
	ILOG 514	Component Based Programming	3	18		6	24
	ILOG 516	Web Applications : Architecture and Implementation	3	18		6	24
	ILOG 518	Systems Security in Networks	3	18		6	24
	ILOG 520	New generation of databases	3	18		6	24
	ILOG 522	Communication skills	1	12			12
	ILOG 524	Project Management	3	18		6	24
	ILOG 526	Quality Assurance in Software Engineering	2	18		6	24
	ILOG 571	Workshop	2			30	30
	ENGL 591	Scientific English & Communication skills	1		20		20
	ILOG 542	Graphical Programming & ergonomics of Interfaces	3	18		6	24
	ILOG 544	Fouilles de données et entrepôts de données	3	18		6	24
	ILOG 550	Internet of Things	3	18		6	24
	Total		30	174		84	278

Semester 4	Course						
	Code	Title	Credits	C		LS	Hours
	ILOG 580	Master Thesis	30				5 Month
	Total		30				