RÉPUBLIQUE FRANÇAISE
Liberté
Égalité
Fraternité

UNiVERSiTé MARiE & LOUiS PASTEUR

UFR STGI BELFORT-MONTBÉLIARD

Master Systèmes de calculs embarqués - IoT

	Type	COEF	ECTS	CM	TD	TP	Total
Semestre 07	**Oblig.**	**1**	**30**	**54,0**	**96,0**	**114,0**	**264,0**
UE1 - Advanced and distributed algorithms	Oblig.	1	6	12,0	18,0	30,0	60,0
UE2 - Mobile development	Oblig.	1	6	12,0	18,0	24,0	54,0
UE3 - Infrastructure and Routing for Connected Objects	Oblig.	1	6	12,0	12,0	24,0	48,0
UE4 - Communication and Projects	Oblig.	1	6	6,0	36,0	12,0	54,0
ELC1 - Team management and communication	Oblig.	1	3		24,0		24,0
ELC2 - LAS Realisation and development of IOT applications	Oblig.	1	3	6,0	12,0	12,0	30,0
UE5 - Embedded Systems	Oblig.	1	6	12,0	12,0	24,0	48,0
Semestre 08	**Oblig.**	**1**	**30**	**48,0**	**90,0**	**108,0**	**246,0**
UE6 - Radio network	Oblig.	1	6	12,0	12,0	24,0	48,0
UE7 - Machine learning	Oblig.	1	6	12,0	18,0	30,0	60,0
UE8 - Positioninig systems: techniques and applications	Oblig.	1	6	12,0	12,0	24,0	48,0
UE9 - Infrastructure virtualization	Oblig.	1	6	12,0	18,0	30,0	60,0
UE10 - Projects	Oblig.	1	6		30,0		30,0
ELC1 - Tutor project	Oblig.	1	3		12,0		12,0
ELC2 - LAS Machine learning for IOT	Oblig.	1	3		18,0		18,0
Semestre 09	**Oblig.**	**1**	**30**	**48,0**	**114,0**	**108,0**	**270,0**
UE1 - Research and innovations	Oblig.	1	6		42,0		42,0
ELC1 - Research project	Oblig.	1	3		12,0		12,0
ELC2 - Research Methodology	Oblig.	1	2		18,0		18,0
ELC3 - Technology Intelligence	Oblig.	1	1		12,0		12,0
UE2 - Deep learning for IOT	Oblig.	1	6	12,0	18,0	30,0	60,0
UE3 - Security for connected objects	Oblig.	1	6	12,0	18,0	24,0	54,0
UE4 - Mobility in smart cities	Oblig.	1	6	12,0	18,0	24,0	54,0
UE5 - Distributed programming for modular robots	Oblig.	1	6	12,0	18,0	30,0	60,0
Semestre 10	**Oblig.**	**1**	**30**	**0,0**	**24,0**	**0,0**	**24,0**
UE6 - Learning and Assessment Situation (LAS)	Oblig.	0.5	4		24,0		24,0
ELC1 - Deep learning for IOT	Oblig.		2		12,0		12,0
ELC2 - Smart applications with Smart Blocks	Oblig.		2		12,0		12,0
UE7 - Internship	Oblig.	4.5	26				