

Integrated Electronic Design Master-IEDM

IGEE (UMBB)-CDTA 2026-2027

Semestre 2

Unité d'enseignement	Intitulé
UE Fondamentale 1	Advanced IC Digital Design
UE Fondamentale 2	Advanced IC Analog Design
	Digital Signal processing
UE Méthodologique	Embedded system design
	Advanced IC Digital Design Lab
	Advanced Analog Design Lab
	Digital Signal processing Lab
UE Transversale	Embedded system design Lab
	Applied AI Elements/ Ethics and Intergrity Rules and Standards

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Semestre 3

Unité d'enseignement	Intitulé
UE Fondamentale	Full Custum Design
	ASIC Design
	RF IC Design
	Testing Techniques and Design-for-Test (DFT)
UE Méthodologique	Full Custum Design Lab
	ASIC Design Lab
	RF IC Design Lab
	Testing Techniques and Design-for-Test (DFT) Lab
UE Transversale	Reverse engineering / Research documentation