

7.00 crédits	33.0 h + 33.0 h	Q2
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Cette unité d'enseignement n'est pas accessible aux étudiants d'échange !

Langue d'enseignement	Anglais
Lieu du cours	Bruxelles Woluwe
Thèmes abordés	This course on Physiologically Based Pharmacokinetics (PBPK) modeling provides a general introduction to PBPK and physiology-based biopharmaceutics modeling (PBBM), contrasting them with other types of modeling. It covers applications and case examples in pharmaceutical drug development, regulatory aspects, and other uses such as environmental chemical exposure. The course details generic PBPK modeling and simulation workflows, including problem definition, software tool selection, model structure, and evaluation. It also explores building and evaluating PBPK models for various populations and settings, interpreting and communicating model outputs, and applying the workflow with hands-on examples. Additionally, it includes case examples of Quantitative Systems Pharmacology (QSP) and semi-mechanistic models.
Acquis d'apprentissage	
Faculté ou entité en charge:	FARM

Programmes / formations proposant cette unité d'enseignement (UE)				
Intitulé du programme	Sigle	Crédits	Prérequis	Acquis d'apprentissage
Advanced master in pharmacometrics	PMTX2MC	7		