

3.00 credits

0 h + 22.5 h

Q1

**This learning unit is not open to incoming exchange students!**

Teacher(s)	. SOMEBODY ;Elens Laure (coordinator) ;
Language :	English
Place of the course	Bruxelles Woluwe
Main themes	This course offers coaching sessions to help students integrate the content from the Modeling and Simulation courses by working with their own datasets in groups. Each session will focus on a specific step of the workflow, providing support from teaching assistants. The practical work will cover pharmacometric modeling and simulation skills, ensuring students master the essential methods required for a pharmacometrician.
Learning outcomes	
Evaluation methods	Project-based evaluation <u>without</u> examination during the examination period Teamwork (2–6 students) 1. Poster realisation (digital) (20% marks) 2. Oral presentation and defence (80% marks) • Poster pitch (20% marks) • Discussion (60% mark) Timely submission of the poster is a necessary condition to get a grade. In case the deadline has not been met, the score for this course will be 0.
Teaching methods	Tutorials, hands on and coaching sessions
Content	The aim of this course is to: • apply knowledge acquired in Teaching Units 4 & 5; Develop & execute a Modeling & Simulation plan, • conduct a literature review on a chosen Modeling or Simulation method, • acquire new knowledge on pharmacometrics Modeling & Simulation methods, • critically evaluate the Modeling & Simulation results • develop as a self-reliant, independent person • learn to function in a team in a constructive, productive, and proactive way • conduct rigorous research • critically evaluate scientific findings • effectively communicate insights within a global and interdisciplinary framework. Module 1: Base Model Module 2: Covariate model Module 3: Final model Module 4: Simulation Module 5: Presentation
Other infos	Slide decks on toledo (KULeuven)
Faculty or entity in charge	FARM

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Advanced master in pharmacometrics	PMTX2MC	3		