

3.00 credits

20.0 h + 45.0 h

Q2

Teacher(s)	Boland Lidvine ;Dewulf Joseph ;Fillee Catherine ;Gruson Damien (coordinator) ;Haufroid Vincent ;Maisin Diane ;
Language :	French
Place of the course	Bruxelles Woluwe
Main themes	Lectures in the field of statistical methods in clinical chemistry, Lectures provided by clinicians (pancreas, blood gas, inflammatory markers, emergency unit analyses, neurochemistry and LCR, endocrine markers,) Lectures and practice in the field of blood sampling (techniques, sterile aspects, specific populations,). Practice of blood sampling will be organized in the centre of blood drawing under the control of medical staff.
Learning outcomes	At the end of this learning unit, the student is able to : 1 Offer to the students candidates specialist in clinical biology the possibility to learn recent key progress in the field of clinical chemistry, proposed by a panel of lecturers and invited speakers including clinicians from different areas (clinician view point of the medical interest of biomarkers). A specific training in venous blood sampling is offered to students according to legal texts.
Content	Lectures provided by invited speakers (statistics, methods comparison,) and clinicians (pancreas, blood gas, inflammatory markers, emergency unit analyses, neurochemistry and LCR, endocrine markers,). Lectures and practice in the field of blood sampling (techniques, sterile aspects, specific populations,). Practice of blood sampling will be organized in the centre of blood drawing (cliniques univ St Luc) under the control of medical staff. Each student is required to present orally a journal club from a clinical chemistry paper (new biomarkers, analytical progress, quality controls, guidelines in clinical chemistry)
Other infos	Evaluation : The oral presentation will be evaluated
Faculty or entity in charge	FARM

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Advanced Master in Clinical Biology	BICL2MC	3		