

Due to the COVID-19 crisis, the information below is subject to change, in particular that concerning the teaching mode (presential, distance or in a comodal or hybrid format).

3 credits

36.0 h

Q2

Teacher(s)	Clement de Clety Stéphan (coordinator) ;Detaille Thierry ;Momeni Mona ;Penaloza-Baeza Andrea ;Pirotte Thierry ;Verschuren Franck ;Wittebole Xavier ;
Language :	French
Place of the course	Bruxelles Woluwe
Prerequisites	<i>The prerequisite(s) for this Teaching Unit (Unité d'enseignement – UE) for the programmes/courses that offer this Teaching Unit are specified at the end of this sheet.</i>
Main themes	<ul style="list-style-type: none"> - Physiopathology of sepsis and septic shock. - Physiopathology of acute respiratory distress syndrome. - Extensive physiological response to aggression: metabolic and inflammatory mechanisms. - Metabolic disturbances of the critically ill patient. - Physiopathology of hyperlactatemia and lactic acidosis. - Trauma brain injury: management. - Toxidrome: recognizing and management
Aims	<p><u>Skills to be acquired:</u></p> <p>The courses dedicated to intensive care aim to introduce the student to the main physiopathological mechanisms and diagnostic aspects leading the patient to a critical state.</p> <p>1 <u>Main goals:</u></p> <p>The student will acquire theoretical and practical skills allowing to recognize a critical patient. Physiopathological mechanisms of diseases and treatments will be learned.</p> <p>-----</p> <p><i>The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".</i></p>
Evaluation methods	<p>Due to the COVID-19 crisis, the information in this section is particularly likely to change.</p> <p>June session: multiple choice questions (MCQ) or short open-ended questions (OEQ), based on the instructed theory or by means of resolving clinical cases.</p> <p>September session: same modality as June session, or, if insufficient number of students, oral exam built on clinical cases relying on instructed theoretical bases.</p> <p>The modalities of the exam might change in the light of the SARS-CoV-2 pandemic and the necessary undertaken measures.</p>
Teaching methods	<p>Due to the COVID-19 crisis, the information in this section is particularly likely to change.</p> <p>The courses are based on physiopathology and semeiology; present therapeutic approaches for the most urgent and deleterious pathologies and combine theory with clinical cases.</p>
Content	<p>The course will instruct on one hand in the critically ill patients, inpatients and outpatients, and on the other hand in sick patients needing an procedure or a surgical operation, whether it is an adult or a child.</p> <p>The course will be given by 4 kinds of physicians: an anaesthetist, an intensive care physician, a paediatric intensivist and an ED physician.</p> <p>There are 4 parts: 7 lectures about adult intensive care, 7 about adulte emergency medicine, 4 about paediatric emergencies and intensive care and 6 about anaesthetics.</p>
Inline resources	https://moodleucl.uclouvain.be/course

Bibliography	<ul style="list-style-type: none">• Diapositives sur Moodle• Slides on Moodle WMEDS2225 ; indispensable support for learning• Certaines diapositives citent des articles de référence récents. Ces articles soutiennent la présentation et peuvent servir à l'étudiant-e qui désire creuser la matière. Some slides contain references to recent articles. Those support the presentation and may help the student who wants to read more about the subject.• Médecine intensive, réanimation, urgences et défaillances viscérales aiguës. Collège des Enseignants de Médecine Intensive - Réanimation. Epreuves Nationales Classifiantes - ECNi, Elsevier Masson, 2018
Faculty or entity in charge	MED

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Master [180] in Medecine	MD2M	3	WMDS2127 AND WMDS2128	