

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	30.0 h	Q2
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Teacher(s)	Schepens Bénédicte ;SOMEBODY ;
Language :	French
Place of the course	Louvain-la-Neuve
Main themes	Notions of workload and underlying concepts Physical load - Physiology of effort : cardiovascular and muscular aspects - Basic concepts of biomechanics as applied to the spinal column and upper limbs - Musculoskeletal problems of the vertebral column : pathogenic mechanisms, epidemiology, risk factors and assessment methods in the workplace - RSI in the upper limbs (tendonitis, carpal canal syndrome) - How to encourage companies to adopt policies which combine prevention with looking after these problems? Mental and psychological load : Nyssen, A S and Etienne, A M Psychosocial load : covered by Hansez, I and Leroy, J F in GRBE2004
Aims	<p>To enable students to understand the concepts underlying the notion of workload (relationship between performance and capacity, constraints, obligations and perceived load etc.). For each of these areas, to identify the mechanisms by which the workload can, in the short and medium term, have an impact on fatigue, performance or health. By the end of the module, students will be familiar with various assessment methods which can be used in the workplace and will be able to prioritize them appropriately in the context of a risk assessment.</p> <p>1</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	<b>Due to the COVID-19 crisis, the information in this section is particularly likely to change.</b> Written exam
Teaching methods	<b>Due to the COVID-19 crisis, the information in this section is particularly likely to change.</b> Lectures
Content	<p>To enable students to understand the concepts underlying the notion of workload (relationship between performance and capacity, constraints, obligations and perceived load, etc.). For each of these areas, to identify the mechanisms by which the workload can, in the short and medium term, have an impact on fatigue, performance or health. By the end of the module, students will be familiar with various assessment methods which can be used in the workplace and will be able to prioritize them appropriately in the context of a risk assessment.</p> <p>Course description (main themes):</p> <p>Notions of workload and underlying concepts. Physical load - Physiology of effort : cardiovascular and muscular aspects - Basic concepts of biomechanics as applied to the spinal column and upper limbs - Musculoskeletal problems of the vertebral column : pathogenic mechanisms, epidemiology, risk factors and assessment methods in the workplace - RSI in the upper limbs (tendonitis, carpal canal syndrome) - How to encourage companies to adopt policies which combine prevention with looking after these problems?</p>
Inline resources	cf. Moodle
Bibliography	cf. Moodle
Faculty or entity in charge	PSP

<b>Programmes containing this learning unit (UE)</b>				
Program title	Acronym	Credits	Prerequisite	Aims
Advanced Master in Risk Management and Well-Being in the Workplace	GRB2MC	3		