





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).

5 credits	30.0 h	Q1
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Teacher(s)	Jourquin Bart ;
Language :	French
Place of the course	Mons
Main themes	Classical four stages model, dynamic assignment, strategic models with case studies.
Aims	<p>On completion of this course, the student will be able to :</p> <p>(2.2) Describe the manner in which he would model transport flows of people or freight on a network presented in a case, based on the theoretical concepts covered in class.</p> <p>(2.5) Imagine new solutions to problems encountered when modeling a non-met example during the class.</p> <p>(3.1) Explain how to decompose a complex model by identifying sub-problems to be solved</p> <p>1 (3.2) Collect the necessary data to implement of a concrete problem that is presented to him</p> <p>(3.5) Participate in the resolution of a complex multi-faceted case study, in which networks are only an element.</p> <p>(5.2) Identify the different types of actors in a transport network in the framework of a socio-economic analysis.</p> <p>(7.1) Interpret the outputs of a transport model in order to identify the socio-economic benefits.</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>
Bibliography	ORTÚZAR J., WILLUMSEN L. (2011), Modelling Transport, 4 th ed., Wiley.
Faculty or entity in charge	CLSM

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Master [120] in Management	GESM2M	5		
Master [120] : Business Engineering	INGM2M	5		
Master [120] in Management	GEST2M	5		
Master [60] in Management	GESM2M1	5		
Master [120] : Business Engineering	INGE2M	5		