UCL Université catholique de Louvain

# LLSMG2059

*2015-2016*

# Integrated Logistics

| 5.0 credits | 30.0 h | 2q | This biannual course is taught on years 2014-2015, 2016-2017, ... |
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| Teacher(s) : | Semal Pierre ; |
| Language : | Français |
| Place of the course | Louvain-la-Neuve |
| Main themes : | The course gives an introduction the control and coordination problems involved in supply chain management and international logististics operations. Based on quantitiative methods from operations research and industrial organization, the course treats the channel coordination problem from multiple angles: level of decision making, organizational focus and information access. The topics are illustrated with cases and computational examples. |
| Aims : | Having regard to the LO of the programme X, this activity contributes to the development and acquisition of the following LO:<br>-- 1. Corporate citizenship<br>1.1. 'Look critically '<br>2. Combine knowledge<br>2.1. Master a core knowledge..<br>2.3. Articulate the acquired knowledge from different areas of management<br>2.4. Articulate management knowledge with other areas '<br>2.5. Articulate and apply the acquired knowledge '<br>3. A scientific and pragmatic approach<br>3.1. Conduct an analytical reasoning '<br>3.2. Collect, select and analyze information , '<br>3.3.Consider problems using a pragmatic approach , '<br>3.4. Perceptively synthesize 'diagnosis '<br>3.5.Produce implementable solutions'<br>5. Work in intedisciplinary environment<br>5.1.Understand the inner workings of an organization '<br>5.2.Position ... the functioning of an organization, in its ...socio-economic dimensions'<br>6. Teamwork<br>6.1. Work in a team and integrate...<br>7.Apply management topics to its business<br>7.1. Integrate the 6 management topics .. in its actiivity, project'<br>7.2. Clearly define the aims of its activity '<br>8. Listening and Communication<br>8.2. Express a clear and structured message'<br>9. Enlargment of its own competencies<br>9.3. Questioning and development fo its own paradigms'<br>*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".* |
| Content : | Content<br>Specific issues that will be discussed include: facility location, logistic network planning and design, routing, inventory management, supplier contracting, sourcing strategies, quality assurance, information technology, flexibility, globalization, and performance measurement.<br>Methods<br>The course format is interactive, theoretical sessions, readings and demonstrations intertwined with cases, and computer simulations. |
| Bibliography : | : SLIDES compulsory and available on line . BOOK : Chopra, S. and P. Meindl, Supply Chain Management: Strategy, Planning and Operation, Prentice Hall ou M. Christopher, Logistics and Supply Chain Management, FT Prentice Hall.<br>not compulsory. READING FILE compulsory and available on line Supports available on line are on ICAMPUS. |
| Other infos : | Evaluation : Class participation and oral examination, in French or English<br><br>References : Provided during the class |
| Faculty or entity in charge: | CLSM |

| Programmes / formations proposant cette unité d'enseignement (UE) | | | | |
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| Intitulé du programme | Sigle | Credits | Prerequis | Acquis d'apprentissage |
| Master [60] in Management (shift schedule) | GEHD2M1 | 5 | - | |