

SYLLABUS ¹

THIS COURSE UNIT IS TAUGHT IN ROMANIAN LANGUAGE

1. Information about the program

1.1 Higher education institution	Politehnica University Timisoara
1.2 Faculty ² / Department ³	Management in Production and Transportation / Management
1.3 Chair	—
1.4 Field of study (name/code ⁴)	Engineering and Management / 207010230
1.5 Study cycle	Master
1.6 Study program (name/code/qualification)	Logistics Systems Management and Management

2. Information about discipline

2.1 Name of discipline/The educational classe ⁵	Sustainable development applied in logistics systems						
2.2 Coordinator (holder) of course activities	Assoc.prof.dr.eng. Larisa IVASCU						
2.3 Coordinator (holder) of applied activities ⁶	Assoc.prof.dr.eng. Larisa IVASCU						
2.4 Year of study ⁷	2	2.5 Semester	3	2.6 Type of evaluation	E	2.7 Type of discipline ⁸	DS

3. Total estimated time (direct activities (fully assisted), partially assisted activities and unassisted activities⁹)

3.1 Number of hours fully assisted/week	3 ,of which:	3.2 course	2	3.3 seminar/laboratory/project			1
3.1* Total number of hours fully assisted/sem.	42 ,of which:	3.2* course	28	3.3* seminar/laboratory/project			14
3.4 Number of hours partially assisted/week	,of which:	3.5 project, research		3.6 training		3.7 hours designing M.A. dizertation	
3.4* Number of hours pasrtially assisted/ semester	,of which:	3.5* project of research		3.6* training		3.7* hours designing M.A. dizertation	
3.8 Number of hours of unassisted activities/ week	3 ,of which:	Additional documentation in the library, on specialized electronic platforms, and on the field					1
		Study using a manual, course materials, bibliography and lecture notes					1
		Preparation of seminars/ laboratories, homework, assignments, portfolios, and essays					1
3.8* Total number of hours of unasssited asctivities/ semester	42 ,of which:	Additional documentation in the library, on specialized electronic platforms, and on the field					14
		Study using a manual, course materials, bibliography and lecture notes					14
		Preparation of seminars/ laboratories, homework, assignments, portfolios, and essays					14
3.9 Total hrs./week ¹⁰	6						
3.9* Total hrs./semester	84						
3.10 No. of credits	6						

4. Prerequisites (where applicable)

4.1 Curriculum	• Computer Aided Mathematics, Financial Management, Diagnostic Analysis
4.2 Competencies	• Assessment of organizational capacity for sustainable development

5. Conditions (where applicable)

¹ The form corresponds to the Syllabus promoted by OMECTS 5703/18.12.2011 (Annex 3), updated based on the Specific Standards ARACIS of December 2016.

² The name of the faculty which manages the educational curriculum to which the discipline belongs

³ The name of the department entrusted with the discipline, and to which the course coordinator/holder belongs.

⁴ Fill in the code provided in HG no. 376/18.05.2016 or in HG similars annually updated.

⁵ The educational classes of disciplines (ARACIS – specific standards, art./paragraph 4.1.2.a) are: fundamental disciplines, field disciplines, majoring/specialization disciplines.

⁶ The applied activities refer to: seminar (S) / laboratory (L) / project (P) / practice/training (Pr).

⁷ The year of study to which the discipline is provided in the curriculum .

⁸ The types of disciplines (ARACIS – specific standards, art./paragraph 4.1.2.a) are: extended knowledge discipline / advanced knowledge discipline and synthetic discipline (DA / DCAV and DS) or art./paragraph 4.1.2 b) complementary discipline (DC)).

⁹ Within UPT, the number of hours from 3.1*, 3.2*,...,3.9* are obtained by multiplying by 14 (weeks) the number of hours from 3.1, 3.2,..., 3.9.

¹⁰ The total number of hours/week is obtained by summing up the number of hours from 3.1, 3.4 și 3.8.

5.1 of the course	<ul style="list-style-type: none"> Discussions, brainstorming. Support materials: projector, laptop, whiteboard
5.2 to conduct practical activities	<ul style="list-style-type: none"> Class, Whiteboard

6. Specific competencies acquired through this discipline

Specific competencies	<ul style="list-style-type: none"> Ability to select, combine and use appropriately knowledge, skills, values and attitudes, in order to successfully solve specific work or learning situations of the study program. The capacity for professional and personal development in conditions of effectiveness and efficiency, in terms of responsibility and autonomy of action of the student.
Professional competencies ascribed to the specific competencies	<ul style="list-style-type: none">
Transversal competencies ascribed to the specific competencies	<ul style="list-style-type: none">

7. Objectives of the discipline (based on the grid of specific competencies acquired)

7.1 The general objective of the discipline	<ul style="list-style-type: none"> Developing the capacity for organizational evaluation
7.2 Specific objectives	<ul style="list-style-type: none"> Evaluation of the logistics chain for sustainable development

8. Content

8.1 Course	Number of hours	Teaching methods
The concept of sustainable development	4	Lecture, brainstorming, interaction
Logistics systems objectives, triple baseline	4	
Global reporting initiatives	2	
Sustainable enterprises for sustainable development	2	
Short and long term perspectives in logistics systems	2	
Creating sustainable logistics systems	2	
Risk treatment and control	2	
Reverse logistics	4	
Barriers to reverse logistics	4	
Greenhouse gas assessment.	2	

Bibliography¹¹ Ivascu Larisa, Business Sustainability, Eurobit Publishing, 2020.
 Choudhury, D.P. Sustainability Management, Zorba Books Publishing, 2019.
 Kellog, K. 101 Ways to Go Zero Waste, Countryman Press Publishing, 2019.
 Ivascu Larisa, Marian Mocan, Strategic Management - concepts, applications and case studies, Eurobit Publishing, 2017.
 Giles Atkinson, Simon Dietz, Eric Neumayer, Matthew Agarwala- Handbook of Sustainable Development, Second Edition, Edwar Elgar Publishing Limited, 2015.

8.2 Applied activities ¹²	Number of hours	Teaching methods
Case studies	8	Lecture notes, Lecture discussion Lecture with interactive group activities
Designing and evaluating the sustainability of the logistics chain	20	

Bibliography¹³ Ivascu Larisa, Business Sustainability, Eurobit Publishing, 2020.
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 Ivascu Larisa, Marian Mocan, Strategic Management - concepts, applications and case studies, Eurobit Publishing, 2017.
 Giles Atkinson, Simon Dietz, Eric Neumayer, Matthew Agarwala- Handbook of Sustainable Development, Second Edition, Edwar Elgar Publishing Limited, 2015.

9. Coroboration of the content of the discipline with the expectations of the main representatives of the epistemic community, professional associations and employers in the field afferent to the program

- The content of the discipline is adapted to the requirements of the business environment and presents clear directions for improving consumer behavior. Through constant research and evaluation of business environment requirements, the content is adapted and updated

10. Evaluation

Type of activity	10.1 Evaluation criteria ¹⁴	10.2 Evaluation methods	10.3 Share of the final grade
10.4 Course	Final grades for the course are determined by midterm exams and exercises	Exam	60%
10.5 Applied activities	S:		
	L:		
	P:		
	Pr: Students evaluate a logistics system from the perspective of sustainability	Project	40%
	Tc-R ¹⁵ :		

¹¹ At least one title must belong to the department staff teaching the discipline, and at least one title must refer to a relevant work for the discipline, a national and international work that can be found in the UPT Library.

¹² The types of applied activities are those mentioned in 5. If the discipline contains more types of applied activities then they are marked, consecutively, in the table below. The type of activity will be marked distinctively under the form: „Seminar:“, „Laboratory:“, „Project:“ and/or „Practice/Training:“.

¹³ At least one title must belong to the staff teaching the discipline.

¹⁴ The Syllabus must contain the evaluation method of the discipline, specifying the criteria, the methods and the forms of evaluation, as well as mentioning the share attached to these within the final mark. The evaluation criteria must correspond to all activities stipulated in the curriculum (course, seminar, laboratory, project), as well as to the methods of continuous assessment (homework, essays etc.)

10.6 Minimum performance standard (minimum amount of knowledge necessary to pass the discipline and the way in which this knowledge is verified¹⁶)

- Evaluating an organization in order to improve the level of competitiveness

Date of completion

**Course coordinator
(signature)**

**Coordinator of applied activities
(signature)**

**Head of Department
(signature)**

**Date of approval in the Faculty
Council ¹⁷**

**Dean
(signature)**

¹⁵ Tc-R= Homework-Reports

¹⁶ For this point turn to "Ghid de completare a Fișei disciplinei" found at: http://univagora.ro/m/filer_public/2012/10/21/ghid_de_completare_fisa_disciplinei.pdf

¹⁷ The approval is preceded by discussing the study program's board's point of view with redgards to the syllabus.