

# SYLLABUS

## 1. Information about the program

1.1 Higher education institution	Politehnica University Timisoara
1.2 Faculty <sup>1</sup> / Department <sup>2</sup>	Architecture and urban planning/ Architecture
1.3 Chair	—
1.4 Field of study (name/code <sup>3</sup> )	Architecture/ 50.60.10
1.5 Study cycle	Master
1.6 Study program (name/code/qualification)	City planning and Landscaping / 50.60.10 / Master

## 2. Information about discipline

2.1 Name of discipline/The educational classe <sup>4</sup>	Social and Economic Efficiency of Investments						
2.2 Coordinator (holder) of course activities	Prof.ing.de.ec. Marian MOCAN						
2.3 Coordinator (holder) of applied activities <sup>5</sup>							
2.4 Year of study <sup>6</sup>	1	2.5 Semester	1	2.6 Type of evaluation	E	2.7 Regime of discipline <sup>7</sup>	DO

## 3. Total estimated time (direct activities (fully assisted), partially assisted activities and unassisted activities<sup>8</sup>)

3.1 Number of hours fully assisted/week	2	, of which:	3.2 course	2	3.3 seminar/laboratory/project	
3.1* Total number of hours fully assisted/sem.	28	, of which:	3.2* course	28	3.3* seminar/laboratory/project	
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 partially 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 unassisted activities/ 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 <sup>9</sup>	5					
3.9* Total hrs./semester	70					
3.10 No. of credits	4					

## 4. Prerequisites (where applicable)

4.1 Curriculum	•
4.2 Competencies	•

## 5. Conditions (where applicable)

<sup>1</sup> The name of the faculty which manages the educational curriculum to which the discipline belongs

<sup>2</sup> The name of the department entrusted with the discipline, and to which the course coordinator/holder belongs.

<sup>3</sup> The code provided in HG - on the approval of the Nomenclature of fields and specializations / study programs, annually updated.

<sup>4</sup> The educational classes of disciplines are: thoroughgoing study discipline (DA), advanced knowledge discipline (DCAV), synthesis discipline (DS) or complementary discipline (DC).

<sup>5</sup> The applied activities refer to: seminar (S) / laboratory (L) / project (P) / practice/training (Pr).

<sup>6</sup> The year of study to which the discipline is provided in the curriculum .

<sup>7</sup> Discipline may have one of the following regimes: imposed discipline (DI) or compulsory discipline (DOb)-for the other fundamental fields of studies offered by UPT or optional discipline (DO).

<sup>8</sup> 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.

<sup>9</sup> 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"> <li>• The course will take place in classrooms equipped with audio-video equipment and blackboard. Attendance of at least 70% in the course is encouraged. For online education students will have to register on the virtual campus</li> </ul>
5.2 to conduct practical activities	<ul style="list-style-type: none"> <li>• The practical activities will be carried out individually or in teams. Also, for the late submission of the seminar papers, the papers will be scored with 1 point / day of delay</li> </ul>

## 6. Specific competencies acquired through this discipline

Specific competencies	<ul style="list-style-type: none"> <li>• The use of specific methods of economic-financial analysis of investments</li> <li>• Skills to lead projects and delegate tasks.</li> <li>• Skills to plan and set goals.</li> <li>• Skills to give feedback and fix problems</li> </ul>
Professional competencies ascribed to the specific competencies	<ul style="list-style-type: none"> <li>• "" C3 Ability to plan sustainably (ecologically, economically and socially), using contemporary methods and techniques in the field of urbanism and spatial planning</li> <li>• • C3.1. In-depth knowledge of theoretical and methodological developments on sustainable planning in the field of urban planning and spatial planning and the appropriate use of specific language in communication with different professional environments</li> <li>• • C3.2. Use of specialized knowledge on sustainable planning in the field of urbanism and spatial planning to explain and interpret new situations, in broader contexts associated with the field</li> <li>• • C3.3. Integrated use of the theoretical and methodological apparatus on sustainable planning in the field of urbanism and spatial planning, in conditions of incomplete information, to solve new theoretical and practical problems</li> <li>• • C3.4. The nuanced and relevant use of evaluation criteria and methods to formulate value judgments and substantiate constructive decisions, based on the principles of sustainable planning in the field of urbanism and spatial planning</li> <li>• • C3.5. Use of the principles of sustainable planning for the elaboration of professional projects in the field of urbanism and landscaping</li> <li>• • C6 Ability to apply urban and territorial management strategies in professional activity</li> <li>• • C6.1. In-depth knowledge of theoretical and methodological developments regarding urban and territorial management and appropriate use of specific language in communication with different professional environments</li> <li>• • C6.2. Use of specialized knowledge on urban and territorial management for the interpretation of new situations, in broader contexts associated with the field</li> <li>• • C6.3. Integrated use of the theoretical and methodological apparatus on urban and territorial management, in conditions of incomplete information, to solve new theoretical and practical problems</li> <li>• • C6.4. The nuanced and relevant use of evaluation criteria and methods to formulate value judgments and substantiate constructive decisions, based on the principles of urban and territorial management</li> <li>• • C6.5. The nuanced and relevant use of evaluation criteria and methods to formulate value judgments and substantiate constructive decisions, based on the principles of urban and territorial management</li> </ul>
Transversal competencies ascribed to the specific competencies	<ul style="list-style-type: none"> <li>• Se extrag informatii de <a href="#"> aici</a></li> </ul>

## 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"> <li>• • Acquiring knowledge from general management and economic-financial management to manage situations and processes in the field of urban development</li> </ul>
7.2 Specific objectives	<ul style="list-style-type: none"> <li>• • Knowledge of company functions and management functions:</li> <li>• • Managed and planned the available resources</li> <li>• • Economic and financial analysis of urban investment projects</li> </ul>

- • The evolution over time of the value of money
- • Elaboration of Budgets and calculation of costs

## 8. Content

8.1 Course	Number of hours	Teaching methods
1. The resources of a company	2	The course is posted on the virtual campus as a power point. It is taught with the video projector, free discussions are made, the blackboard and calculation tools are used. There are also examples and case studies that complete the theoretical part
2. Company functions	2	
3. Management functions	2	
4. A company's budget and the evolution of the value of money	2	
5. Economic-financial analysis of investment projects	4	
6. Economic and financial instruments needed for investments (GD 907/2016)	4	
7. Financing institutions and methods of return on investment	4	
8. Investment project planning	4	
9. Change management	2	
10. Communication methods	2	
<p>Bibliography<sup>10</sup> Mocan Marian s.a. – Viziune moderna asupra elementelor de management, comunicare si logistica in organizatii ISBN , 978-973-602-401-6, Editura Brumar, Timișoara, 2008</p> <p>Ivascu Larisa, Mocan Marian – Management strategic, concepte, aplicații si studii de caz, Editura Eurobit, Timișoara 2017, ISBN 978-973-132-356-5</p> <p>Miller Alex – Strategic management, Irwin McGraw-Hill, 1998, ISBN 0-07-043014-4</p> <p>Haberberg Adrian, Rieple Alison – The Strategic Management of Organisation – Financial Times, Prentice Hill, 2001, ISBN 0-13-021971-1</p> <p>Bielfeld Bert – Project management arhitecture - Basel Birkhäuser, 2013, ISBN: 9783038214625</p> <p>ASE București – Analiza economico-financiară, Editura Academia de Studii economice București, 2003, ISBN : 973-594-083-3</p> <p>Mocan Marian, Negrea Romeo – Cost benefit analysis of auto-train, Saarbrücken LAP LAMBERT Academic Publishing, 2017, ISBN : 9783330351493</p>		
8.2 Applied activities <sup>11</sup>	Number of hours	Teaching methods
<p>Bibliography<sup>12</sup></p>		

<sup>10</sup> 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.

<sup>11</sup> 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:”.

<sup>12</sup> At least one title must belong to the staff teaching the discipline.

**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**

- At the preparation of the course, discussions were held with the leaders of companies in the field who expressed their views on what should be included in the course content.

**10. Evaluation**

Type of activity	10.1 Evaluation criteria <sup>13</sup>	10.2 Evaluation methods	10.3 Share of the final grade
10.4 Course	Knowledge terminology used in the course, making correlations between chapters	Written exam or oral exam - online	100%
10.5 Applied activities	<b>S:</b>		
	<b>L:</b>		
	<b>P:</b>		
	<b>Pr:</b>		
	<b>Tc-R<sup>14</sup>:</b>		
<b>10.6 Minimum performance standard (minimum amount of knowledge necessary to pass the discipline and the way in which this knowledge is verified<sup>15</sup></b>			
<ul style="list-style-type: none"> <li>• Mastering the knowledge of company management, drawing up and managing a budget, a simple cost calculation</li> </ul>			

**Date of completion**

10.09.2020

**Course coordinator  
(signature)**

**Coordinator of applied activities  
(signature)**

**Head of Department  
(signature)**

**Date of approval in the Faculty  
Council <sup>16</sup>**

16.09.2020

**Dean  
(signature)**

<sup>13</sup> 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.)

<sup>14</sup> Tc-R= Homework-Reports

<sup>15</sup> For this point turn to "Ghid de completare a Fişei disciplinei" found at: [http://www.upt.ro/img/files/2018-2019/calitate/Ghid\\_de\\_completare\\_fisa\\_disciplinei.pdf](http://www.upt.ro/img/files/2018-2019/calitate/Ghid_de_completare_fisa_disciplinei.pdf)

<sup>16</sup> The approval is preceded by discussing the study program's board's point of view with regards to the syllabus.