

SYLLABUS

1. Information about the program

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| 1.1 Higher education institution | Politehnica University Timisoara |
| 1.2 Faculty ¹ / Department ² | Architecture and Urban planning / Architecture |
| 1.3 Chair | — |
| 1.4 Field of study (denumire/cod ³) | Architecture / 50.60.10 |
| 1.5 Study cycle / Type of study program ⁴ | Master / Professional |
| 1.6 Study program (name/code/qualification) | City planning and Landscaping / 50.60.10 / Master |

2. Information about discipline

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| 2.1 Name of discipline/The educational classe ⁵ | | Development of Master Thesis / DS | | | | | |
| 2.2 Coordinator (holder) of activities | | assist. lect. Ștefana BĂDESCU, PhD arch. | | | | | |
| 2.3 Year of study | 2 | 2.4 Semester | 4 | 2.5 Type of evaluation | E | 2.6 Regime of discipline ⁶ | DI |
| 2.7 Academic year ⁷ | 2020-2021 | 2.8. Cod of discipline | M061.20.04.S 3 | | | | |

3. Total estimated time (direct practical activities, partially assisted activities)

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| 3.1 Number of hours fully assisted/week | 4 |
| 3.2 Total number of hours fully assisted/sem. | 56 |
| 3.3 No. of credits | 10 |

4. Prerequisites (where applicable)

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| 4.1 Curriculum | • Not the case |
| 4.2 Competencies | • Not the case |

5. Mission of the Dissertation paper writing discipline⁸

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| 5.1 Mission | <ul style="list-style-type: none"> The evaluation of knowledge and competencies required for the scientific and methodologic fundament of the theme chosen for the elaboration of the dissertation project, as well as for the formulation of an applied response regarding the theoretical problematization, materialized through a project or an applied case study. |
| 5.2 Conditions required to carry out the dissertation paper writing | <ul style="list-style-type: none"> The activity for this class consists of the elaboration of a dissertation thesis in order to graduate the master program, on a theme chosen according to the indications specified at chapter 8.1, going through the following stages: <ul style="list-style-type: none"> Stage I (theoretical) – Research paper: consists of the elaboration of a research paper, which represents the theoretical and methodological fundament of the theme chosen to be detailed in stage II; Stage II (practical) – Dissertation project / Applied case study: consists of the elaboration of a project or of an applied case study, based on the thematic and principles established in stage I; The students are obliged to establish and participate in at least 3 discussion sessions with the coordinator; for each session of discussion, students will prepare |

¹ The name of the faculty which manages the educational curriculum to which the Dissertation paper writing discipline belongs to.

² The name of the department entrusted with the monitoring and evaluation of the Dissertation paper writing discipline.

³ Fill in the code provided in the Government Decision no. 158/29.03.2018 or in similar Government Decisions which are updated annually.

⁴ In accordance with the ARACIS specific Standards, the master program can be referred to as *professional master* or *research master*.

⁵ The formative category for master studies: thoroughgoing study discipline (DA), advanced knowledge discipline (DCAV), synthesis discipline (DS) or complementary discipline (DC).

⁶ 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.

⁷ The academic year shall be aligned to the section in the discipline code. E.g.: the Mxxx20.yy.zz code for the *Dissertation paper writing* discipline indicates the 2020/2021 academic year.

⁸ Entries 5.1 and 5.2 must be filled in. The requested information shall be extracted from the Dissertation Paper Writing Framework Guide – Politehnica University of Timisoara http://www.upt.ro/Informatii_asigurarea-calitatii-in-upt_12_ro.html

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| | <p>a fundamental and well justified material, which they will present to their coordinator;</p> <ul style="list-style-type: none"> ● In case this class takes place on-line, it will be used the Zoom platform (for the didactic activities), as well as the Virtual Campus (in order to publish didactic materials and communicate with students). |
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6. Competencies⁹ acquired through the discipline in accordance with the mission

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| Specific competencies | <ul style="list-style-type: none"> ● Scientific research regarding the studied theme, in order to theoretically and methodologically fundament the approached problematic; ● Synthesis of the main operating principles, justified in relation to the conclusions of the scientific research; ● Practical application of the synthesized operating principles, through the elaboration of a specialized project / an applied case study; ● Adequate representation of the elaborated proposal, through specific professional means (written and drawn pieces). |
| Professional competencies ascribed to the specific competencies | <ul style="list-style-type: none"> ● C2 The capacity to elaborate projects of urban and territorial planning, taking into account the legislative and institutional context, as well as the principles of sustainable development ● C2.1 Advanced knowledge of methodological and practical developments regarding urban and territorial planning, as well as the adequate utilization of a certain professional vocabulary in order to communicate with specialists from different fields ● C2.2 The utilization of specialised knowledge regarding urban and territorial planning in order to explain and interpret new situations, in broader contexts ● C2.3 The integrated utilization of the methodological apparatus regarding urban and territorial planning, without having all the information required in order to solve new theoretical and practical problems ● C2.4 The nuanced and pertinent utilization of evaluation methods and criteria in order to formulate opinions and substantiate constructive decisions, based on design notions in the field of urban and territorial planning ● C2.5 The elaboration of professional projects of urban and territorial planning, taking into account the existing legislation, as well as the principles of sustainable development ● C4 The capacity to substantiate a decision based on a multi-criteria applied research in the field of urban and territorial planning ● C4.1 Advanced knowledge of theoretical and methodological developments regarding multi-criteria applied research in the field of urban and territorial planning, as well as the adequate utilization of a certain professional vocabulary in order to communicate with specialists from different fields ● C4.2 The utilization of specialised knowledge regarding multi-criteria applied research in the field of urban and territorial planning in order to explain and interpret new situations, in broader contexts ● C4.3 The integrated utilization of the theoretical and methodological apparatus regarding multi-criteria applied research in the field of urban and territorial planning, without having all the information required in order to solve new theoretical and practical problems ● C4.4 The nuanced and pertinent utilization of evaluation methods and criteria in order to formulate opinions and substantiate constructive decisions, based on multi-criteria applied research in the field of urban and territorial planning ● C4.5 The utilization of multi-criteria applied research in order to elaborate professional studies and projects in the field of urban and territorial planning |
| Transversal competencies ascribed to the specific competencies | <ul style="list-style-type: none"> ● CT2 The identification and uncoiling of project management processes, with the undertaking of leadership tasks, as well as the clear and concise description of the obtained results ● CT3 The capacity to demonstrate creativity and initiative to undertake actions to update his / her professional, economical and organizational knowledge |

7. Objectives of the discipline (related to the specific competencies presented at point 6)

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| 7.1 The general objective of the discipline | <ul style="list-style-type: none"> ● Elaboration of the dissertation paper in order to graduate from the master program |
| 7.2 Specific objectives | <ul style="list-style-type: none"> ● Elaboration of a research paper which represents the theoretical and methodological fundament of the chosen theme; ● Elaboration of a project or of an applied case study, based on the thematic and principles established following the theoretical research. |

8. Topics and activities for the Dissertation Paper Writing discipline¹⁰

⁹ The specific competencies must encompass the objectives of the Dissertation Paper Writing discipline. They must comprise only the professional and transversal competencies of the curriculum which are ascribed to the specific competencies..

¹⁰ Due to the fact that, for any master program, the dissertation paper topics are extremely varied, *some unique presentation structures of the topic* and of the related activities shall be specified at entries 8.1 and 8.2. The said structures shall be adopted by the specialisation board in accordance with the Faculty Council Regulations, drawn up under the *Regulation on Organising and Conducting the Graduation Examination for Undergraduate and Graduate Studies within the Politehnica University of*

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| 8.1 Topics for the Dissertation Paper Writing | |
| <p>The topic for the dissertation paper will be chosen:</p> <p>a. by the coordinator, together with the student, in correlation to the master program, as well as with the coordinator's competencies;</p> <p>b. by the candidate, following discussions with the coordinator, given that the chosen theme respects the guidelines of the master program.</p> <p>The dissertation theme will focus on an applied research, having as support an answer to the guidelines of the master program.</p> | |
| 8.2 Type of activities | 8.3 Duration |
| <p>Coordination activities, based on one-on-one discussions.</p> <p>During the discussion sessions, the coordinator will monitor and guide the students' activity, in order to make sure the elaborated papers will acquire coherence, feasibility, as well as an adequate level of complexity.</p> | 56 |

9. Student's assignments¹¹

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| <p>Multi-disciplinary documentation, synthesis of information and application of principles in the elaboration of the dissertation paper;</p> <p>Preparation and presentation of a fundamental and well justified material for each discussion session with the coordinator;</p> <p>Participation in each of the discussion sessions scheduled with the coordinator.</p> |
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10. Evaluation

| 10.1 Evaluation criteria | 10.2 Evaluation methods | 10.3 Share of the final grade |
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| Completion of the dissertation paper writing | Analysis of the dissertation paper writing, either face to face or on-line (using the Zoom platform and the Virtual Campus) | 100% |
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| 10.4 Minimum performance standard (minimum amount of knowledge necessary to pass the discipline and the way in which this knowledge is verified¹²) | | |
| The completion of the dissertation paper within the specified deadline and the quality conditions imposed by the dissertation paper supervisor. | | |

Date of approval in the Faculty Council¹³

16.09.2020

**Dean
(signature)**

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Date of completion

14.09.2020

**Head of Department
(signature)**

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Timisoara (http://www.upt.ro/img/files/Regulamente%20UPT/2017/Regulament_examene_licenta_diploma_disertatie.pdf) and under the Dissertation Paper Writing Framework Guide – Politehnica University of Timisoara.

The adopted structures must be used by the dissertation paper supervisors when presenting the dissertation paper topics.

¹¹ The student's duties shall be summarised in accordance with the Faculty Council's Regulations under the Dissertation Paper Writing Framework Guide – Politehnica University of Timisoara.

¹² The conditions underlying the earning of a passing grade shall not be explained; only the results underlying the earning of a minimum grade shall be specified.

¹³ The approval is preceded by the discussion in the Faculty Council of the study program's board's point of view concerning the Dissertation Paper Writing syllabus.