

# SURE

*Sustainable Urban  
Rehabilitation*

*Model programme*

*for second cycle full-time study in field of Architecture*

*Developed within project SURE: Sustainable Urban Rehabilitation in Europe  
co-funded by the Erasmus+ Programme of the European Union  
Key Action 2 : Strategic Partnership Projects  
Agreement no 2016-1-PL01-KA203-026232*

Co-funded by the  
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# **Model programme of SURE: Sustainable Urban Rehabilitation**

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## **2<sup>nd</sup> cycle studies in field of Architecture**

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**Model programme of SURE:** Sustainable Urban Rehabilitation is 2-years master studies divided into 4 semesters, 30 ECTS in each semester (total 120 ECTS).

Multidisciplinary MSc degree programme SURE: Sustainable Urban Rehabilitation combines the following areas of sustainable development: broadly understood architecture, urban planning and protection of cultural heritage. These fields are complemented by social issues, e.g. Urban design attracting multicultural travellers or Sociology of the city.

**Model programme of SURE** consists of:

|                                                            |                |
|------------------------------------------------------------|----------------|
| <b>Module: Sustainable architecture and urban planning</b> | <b>28 ECTS</b> |
| <b>Module: Sustainable heritage</b>                        | <b>29 ECTS</b> |
| <b>Module: Heritage and Society</b>                        | <b>28 ECTS</b> |
| <b>Block of General courses</b>                            | <b>8 ECTS</b>  |
| <b>Apprenticeship</b>                                      | <b>4 ECTS</b>  |
| <b>Master seminar</b>                                      | <b>3 ECTS</b>  |
| <b>Master thesis</b>                                       | <b>20 ECTS</b> |

Four courses are planned as elective courses: the students can select one out of the two courses proposed.

|                         |                |
|-------------------------|----------------|
| <b>Elective courses</b> | <b>10 ECTS</b> |
|-------------------------|----------------|

After the detailed analysis, the Model programme of SURE curriculum is presented below in two versions:

1. Model programme of SURE curriculum based on Modules
2. Model programme of SURE curriculum based on mixed courses

The university interested in launching SURE studies has the possibility of choosing the version of the model programme of SURE curriculum best suited to the specificity of this university.

### **1. Model programme of SURE curriculum based on Modules**

Within model programme of SURE curriculum based on Modules, the courses are grouped into thematic blocks – modules – and each semester is focused on a different Module:

- 1<sup>st</sup> semester – Module: Sustainable architecture and urban planning
- 2<sup>nd</sup> semester – Module: Sustainable heritage
- 3<sup>rd</sup> semester – Module: Heritage and Society

Learning based on thematic modules might be more efficient for students as the courses within each Module focus on the thematic issues related to only one field (Architecture & urban planning, Sustainable heritage or Heritage & society).

4<sup>th</sup> semester is diploma semester when students need more time for elaboration of Master thesis, therefore the number of courses, teaching hours and ECTS credits within this semester is lower.

**Model programme of SURE curriculum based on Modules**

| 1 <sup>ST</sup> SEMESTER – 30 ECTS<br>Module: Sustainable architecture and urban planning                                          | 2 <sup>ND</sup> SEMESTER – 30 ECTS<br>Module: Sustainable heritage              | 3 <sup>RD</sup> SEMESTER – 30 ECTS<br>Module: Heritage and Society                                                                      | 4 <sup>TH</sup> SEMESTER – 30 ECTS<br>Diploma semester |
|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| Architectural design                                                                                                               | Protection of Monuments and Historical Towns                                    | Comprehensive Design Project (Integrating Aspects of Technology, Sustainability, Research and Cultural Awareness in the Design Process) | Architectural conservation studio                      |
| Urban planning                                                                                                                     | Inventory and Survey of Historical Buildings (pre-design activities)            | Traditional , Vernacular And Historic Architecture                                                                                      | Introduction to the Labour Market                      |
| Urban renewal - sustainable architecture and urban planning design studio                                                          | Modern Structures and Innovative Building Materials - Technical Appraisal       | Historical Building Adaptation To Modern Function or <i>Urban Design Attracting Multicultural Travellers</i>                            | Managing the Investment Process                        |
| Landscape Architecture                                                                                                             | Sustainable revitalisation of degraded areas and buildings                      | The Conservation Area and the Registered Landscape                                                                                      | Master Seminar                                         |
| Nature And Regional Architecture In Design Process                                                                                 | Theory and History of the city                                                  | Museology & Museography                                                                                                                 | Master Thesis                                          |
| Spatial and Regional Planning                                                                                                      | Propaedeutics of Heritage Protection                                            | Sustainable Urban Design in World Heritage Sites                                                                                        |                                                        |
| Architectural Design In Historical Context – Design studio or <i>Architectural Design In Environmental Context – Design studio</i> | Introduction Course on Theory and History of Conservation                       | Heritage And Society for Development                                                                                                    |                                                        |
| Week summer design studio /real case studies – object and landscape scale - conceptual design/                                     | <i>Construction applied to Heritage or Heritage Problems. Causes. Solutions</i> | Heritage Sites and Environmental Protection                                                                                             |                                                        |
| Freehand Architectural Drawing/Urban sketching                                                                                     | Methodological approach to conservation                                         | Contemporary use of cultural heritage                                                                                                   |                                                        |
| <i>Aesthetics of Architecture or Philosophy of architecture</i>                                                                    | Foreign language                                                                | Sociology of the city                                                                                                                   |                                                        |
| Sustainable Architecture And Eco-Design                                                                                            | Apprenticeship                                                                  | Master Seminar - Research: Methods and Project                                                                                          |                                                        |
| General Building Engineering                                                                                                       |                                                                                 | Master Seminar                                                                                                                          |                                                        |





## 2. Model programme of SURE curriculum based on mixed courses

| 1 <sup>ST</sup> SEMESTER – 30 ECTS                                        | 2 <sup>ND</sup> SEMESTER 30 ECTS                                                                                                   | 3 <sup>RD</sup> SEMESTER 30 ECTS                                                                                                        | 4 <sup>TH</sup> SEMESTER 30 ECTS      |
|---------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| Inventory and Survey of Historical Buildings (pre-design activities)      | Freehand Architectural Drawing/Urban sketching                                                                                     | Historical Building Adaptation To Modern Function or <i>Urban Design Attracting Multicultural Travellers</i>                            | Contemporary use of cultural heritage |
| Sustainable revitalisation of degraded areas and buildings                | Week summer design studio /real case studies – object and landscape scale - conceptual design/                                     | Sustainable Urban Design in World Heritage Sites                                                                                        | Sociology of the city                 |
| Modern Structures and Innovative Building Materials - Technical Appraisal | Nature And Regional Architecture In Design Process                                                                                 | Traditional , Vernacular And Historic Architecture                                                                                      | Introduction to the Labour Market     |
| Protection of Monuments and Historical Towns                              | Landscape Architecture                                                                                                             | Heritage And Society for Development                                                                                                    | Managing the Investment Process       |
| Theory and History of the city                                            | Aesthetics of Architecture or <i>Philosophy of architecture</i>                                                                    | Comprehensive Design Project (Integrating Aspects of Technology, Sustainability, Research and Cultural Awareness in the Design Process) | Master Seminar                        |
| Propaedeutics of Heritage Protection                                      | Architectural Design In Historical Context – Design studio or <i>Architectural Design In Environmental Context – Design studio</i> | Heritage Sites and Environmental Protection                                                                                             | Master Thesis                         |
| Urban renewal - sustainable architecture and urban planning design studio | Architectural conservation studio                                                                                                  | Sustainable Architecture And Eco-Design                                                                                                 |                                       |
| Urban planning                                                            | Introduction Course on Theory and History of Conservation                                                                          | Spatial and Regional Planning                                                                                                           |                                       |
| Architectural design                                                      | The Conservation Area and the Registered Landscape                                                                                 | Construction applied to Heritage or <i>Heritage Problems. Causes. Solutions</i>                                                         |                                       |
| Foreign language                                                          | Museology & Museography                                                                                                            | Methodological approach to conservation                                                                                                 |                                       |
| General Building Engineering                                              | Apprenticeship                                                                                                                     | Master Seminar - Research: Methods and Project                                                                                          |                                       |

Other possibility of organising the courses within the semesters is presented above in Model programme of SURE curriculum based on mixed courses. Within this model, the courses assigned to particular modules (Sustainable architecture and urban planning, Sustainable heritage, Heritage and Society) are not aggregated in separate semesters, but mixed and



assigned to various semesters. Such variety of topics taught within each semester might be more interesting for students.

**IMPORTANT NOTE: Courses within SURE curriculum can be moved between the semesters depending on the needs of individual universities, which makes the model programme very flexible and easy to customise.**





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