

Internship in Architecture and Urbanism

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| Supervisor | Prof. Ms. Adalberto Heck |
| Project | Build in Built http://unisinios.br/vestibular/curso/arquitetura-e-urbanismo/sao-leopoldo http://unisinios.br/vestibular/curso/arquitetura-e-urbanismo/porto-alegre |
| Description | <ul style="list-style-type: none"> • Urban evolution: the production and modification of urban form and function over time. • Preservation, permanence and densification; • The legal constraints: the instruments of preservation of historical patrimony; • Application of universal design and care for people with disabilities and Mobility restrictions; • Conceptualization and design guidelines: relation of the urban fragment with the city; • Concept of memory, material and immaterial cultural heritage; Methodology for surveying the historical-cultural heritage of the sector under study; • Rehabilitation and sustainability; • Theoretical and normative references related to revitalization; Case studies (intervention strategies); Identification and qualitative reading of constructive problems; • Qualitative identification of the structural system; • Qualitative identification of the existing structural system; Structural intervention alternatives in existing building; • Use of steel and wood as structural alternatives. |
| Tasks | The Atelier V: Interaction Seminar will be developed in an integrated way with the activities of the Atelier de Project V. The methodology to be developed in the academic activity aims to allow the subjects involved in the process the development of skills necessary for the development of urban revitalization projects and architectural rehabilitation. Lectures, debates, lectures and seminars will be given. The app of the topics addressed should be demonstrated by the student in the Project Workshop. The resources to be used in the development of the activities will be: electronic presentations, DVD, video tapes, slides and slides and representation through mock-ups. |
| Requirements | <ul style="list-style-type: none"> • Students of Architecture, Urbanism and Landscaping |

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| | <ul style="list-style-type: none">• Undergraduate student (at least beginning of the 2nd year)• Basic knowledge of architectural design• Field of graphic representation in computational environment• Knowledge of scientific method |
| Language Skills | English (Portuguese would be nice, but is not necessary). |
| Duration | 4 months |
| Possible Beginning | Internship between: February/July |
| Credits | According to agreement |
| Payment | None |