Seminar elective:  
Architectural design and ergonomic approach

OBJECTIVES

- Introduction to links between architecture and ergonomics in the design approach to the workplace.
- Understand the contribution provided by ergonomic analysis of work activities in architectural design.
- Learn more about the role and competences of architects in interventions aimed at transforming work situations.

CONTENT

‘Ergonomics, organisation and work spaces’ proposed jointly by the University of Paris 1 and ENSAPLV brings together students in ergonomics and architecture. It aims at developing intervention competence concerning issues of work organisation with special consideration of spatial questions to understand the resources and constraints for people at work.

This optional seminar corresponds to two intensive sessions in a joint master’s. The first is on the ergonomic approach in designing and carrying out projects in businesses. It is devoted to analysis models of work and the approach to the spatial dimensions of activity in and uses of the workplace. Intervention approaches will be presented (November).

The second session concerns spatial design and architecture of the workplace. It is devoted to the links between space, architecture, organisation and working life on the basis of case studies and will also take up the issue of modalities of interaction and cooperation between architects and ergonomists (April).

ORGANISATION

Two intensive sessions: one at the University of Paris 1 and one at La Villette. Understanding the ergonomic, social and spatial aspects of an intervention in the workplace through exercises and case studies.

ASSESSMENT

Preparation of a dossier

REQUIREMENT

Stakes involved and contributions to be expected in architect-ergonomist cooperation. Taking into account work habits and needs of the people involved in their workplace.

PREPARATION FOR

Architectural project management, assistance in architectural project management