

## DIPLOMA DESIGN STUDIO

Major topic of Diploma Design Studio instructed by Department of Public Building Design is the "COGNITION - KNOWLEDGE - EDUCATION". One of the tasks has more artistic, the other more social attitude.



1. Extension of the building of The Hungarian Academy of Sciences with a public forum space

### Program

The palace of the Academy was erected more than 150 years ago by the design of Friedrich August STÜLER. One of the missions of the institute is the introduction and presentation of the results of Hungarian science.

Current building is unfit for being open to the public.

The idea is to create a public forum in front of the main entrance of the building facing to the Szécheny Square.

The result of the design should be a public facility - suitable for large academic events and for general assembly too. It is important to create spiritual and architectural connection to the original existing building.

There will be an exclusive chance to get know the Academy's history and to get an insight into the scientific life of the country. The architectural situation is unique both in spiritual and technical way as well.

The necessary technical data and information will be available for the students choosing this topic.

### Main functional units:

- \_Public foyer/exhibition space (500 m<sup>2</sup>)
- \_Event-/lecture hall for 500 people (500 m<sup>2</sup>)
- \_Service functions of the public spaces according to rules (200 m<sup>2</sup>)
- \_Building services spaces (technical rooms, storages, etc.) (300 m<sup>2</sup>)
- \_Car park, technical service (according to the architectural concept)

Complete floorspace of the designable building is around 1500-2000 m<sup>2</sup>.

Site location: Budapest, V. district, Belváros-Lipótváros, northern part of the plot No. 24499

## 2. Cognition\_Knowledge-Education "Social Architecture" category - Kindergarten for socially handicapped children

### Program

The current education system and its institutes usually neglect the differences of children's abilities. Many children are not motivated enough and they don't learn how to cooperate in society. We are fundamentally diverse with different abilities. Everyone needs a specific education and therefore a modern, supportive institute shall satisfy multiple requirements. It is of high priority in an environment where the number of socially handicapped is above average. The newly appearing educational programs like 'inclusion' a.k.a. 'educating together program' are fighting against discrimination and exclusion. Its fundamental principle is that children should develop continuously while being together, cooperating and learning from each other according to their own abilities.

It would be important to create an institute where every child could get the chance to take part in the necessary developing programs. This and the similar programs can be enhanced by us architects through well-thought design of spaces and for that a preliminary research of space-creating principles is an inevitable part of the design process.

Some of the spaces should support the individual development and some the integration. When creating public spaces, the design of undefined and spontaneously used spaces is important and these spaces should welcome programs and common activities besides the basic functions. As the emotional core of the kindergarten, this space should organize and shape the life inside the building. Besides the passive use, it should encourage the active use of the space, as well.

The courtyard is also a stage of play and learning. The garden should be an important part of this complex educational sensation.

### Main functional units:

- \_Public spaces and communication areas
  - \_foyer and an attached gymnastic room/event room (200 m<sup>2</sup>)
  - \_library/parental club room (50 m<sup>2</sup>)
- \_Kitchen (only heating) (40 m<sup>2</sup>)
- \_max. 6 group rooms (max. 15 pers./room, 6x50 m<sup>2</sup>)
- \_offices (2x12 m<sup>2</sup>)
- \_service functions (staff and visitor bathrooms, storage rooms, cleaning and maintenance rooms, building service rooms according to existing rules)
- \_garden and courtyard

Complete floorspace of the building is around 700-800 m<sup>2</sup> + open space elements (garden, courtyard)

Site location: Budapest, VIII. district, Józsefváros, Magdolna quartier, Koszorú street 14-16-18

In Koszorú str. 14-16. Operated a kindergarten earlier, that has moved recently. The ground level buildings in Koszorú str. 12. And 20. should be considered protected.

3. Like in the past, individual programs are also accepted - in case of a positive decision of department board.

Program and site have to be negotiated until the 3d week of the course.

Submission of program concepts is before 15.02.

Rest of information is on the following pages.

Our mission is a professional tutorial support for the final success.



## DIPLOMA DESIGN STUDIO

Course leader: Prof. Mihály BALÁZS DLA  
in English: Zoltan SCHRAMMEL

### TIMETABLE AND TOPIC SCHEDULE

Tuesdays 8:15 AM - 11AM, Thursdays 8:15 AM - 11AM at the dept. K 299

	2018	activity
1	6th week	<ul style="list-style-type: none"> <li>▪ General information about the semester course,</li> <li>▪ Site visit</li> </ul>
2	7th week	<ul style="list-style-type: none"> <li>▪ Analysis of environment and site</li> <li>▪ before 15.02. Submission of chosen program</li> <li>▪ negotiated on 16.02.</li> </ul>
3	8th week	<ul style="list-style-type: none"> <li>▪ Analysis of environment and site</li> <li>▪ Study of location + site</li> </ul>
4	9th week	<ul style="list-style-type: none"> <li>▪ Analysis of function, preparing the program</li> <li>▪ Study, preliminary program</li> </ul>
5	10th week	<ul style="list-style-type: none"> <li>▪ Consultations</li> <li>▪ Lay-out and mass, functions</li> </ul>
6	11th week	<ul style="list-style-type: none"> <li>▪ Consultations</li> <li>▪ Functions, mass, elevations, structures</li> </ul>
7	12th week	<ul style="list-style-type: none"> <li>▪ 20-21.03.: Concept Design presentation 1.</li> <li>▪ Preliminary presentation of project plans + model in 1:200</li> <li>▪ Consultation</li> </ul>
8	13th week	<ul style="list-style-type: none"> <li>▪ Consultations</li> <li>▪ Functions, mass, elevations, structures</li> </ul>
9	14th week	<ul style="list-style-type: none"> <li>▪ Consultation</li> <li>▪ Functions, mass, elevations, structures, interiors,</li> </ul>
10	15th week	<ul style="list-style-type: none"> <li>▪ 11.04. TUE.: Concept Design presentation 2. - Repeated preliminary presentation of project plans + model in 1:200 - if needed</li> <li>▪ Consultation</li> </ul>
11	16th week	<ul style="list-style-type: none"> <li>▪ 17.04. Holiday</li> <li>▪ Consultation</li> </ul>
12	17th week	<ul style="list-style-type: none"> <li>▪ Consultation</li> <li>▪ Functions, mass, elevations, structures, landscape</li> </ul>
13	18th week	<ul style="list-style-type: none"> <li>▪ 01.05. Holiday</li> <li>▪ Consultation</li> <li>▪ Graphics</li> </ul>
14	19th week	<ul style="list-style-type: none"> <li>▪ Consultations</li> <li>▪ Graphics</li> </ul>
15	20th week	<ul style="list-style-type: none"> <li>▪ work, work, work...</li> <li>▪ 18.05. 12AM submission of final plans</li> </ul>
16	21st week	<ul style="list-style-type: none"> <li>▪ work on final model, or...</li> </ul>
17	22nd week	<ul style="list-style-type: none"> <li>▪ 28.05. 12AM late submission of final plans</li> </ul>

- Conditions:
- - accepted program - having submitted before 15.02.
- - completed studies (checked by consultants) presented in final booklet,
- - accepted Concept Design Plans (presentation in front of a Department Board, there is one opportunity to repeat)
- - submitted plans in time (all floor-plans, min. two sections, all elevations 1:100, min. one section 1:50, site plan 1:500/200, detail drawings 1:10, 1:5 and model 1.200 + booklet with specifications and studies - approved by all associate consultants)
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- Deadline: 15th of MAY, or 28th of MAY (with delay fee) 12AM
- Complete presentation project (except of final model) has to be submitted on 11th June 12AM
- Presentations start from 18th June.

- Way of completion:
- - active participation in consultations with home-prepared plans and models
- (presence at least 70% of consultations - according to Code of Studies)
- - regular consultation with associate consultants (structures, building construction, site management, building services)
- - submission of complete project plan before deadline

Lecturer responsible: Prof. Mihály BALÁZS DLA  
in English: Zoltán SCHRAMMEL

Consultants: Levente SZABÓ DLA habil, Zoltán SCHRAMMEL, Gyula GRÉDICS

#### Bibliography:

Nikolaus Pevsner: History of Building Types,

Neufert: Architects' Data Book,

Francis D.K. Ching and others: A Global History of Architecture,

Andrea Deplazes: Constructing Architecture: Materials, Processes, Structures

Architectural Magazin: DETAIL, Architektur DK, GA