

**General Information**  
2015-2016/I.

**Architectural Research for Exchange Students**

1.	code	semester	Követelmény	cr	language	semester
	<b>BMEEPIP0995</b> BMEEPIU0995 BMEEPLA0995 BMEEPKO0995 BMEEPAG0995 BMEEPEK0995 BMEEPEG0995 BMEEPES0995 BMEEPRA0995 BMEEPST0995 BMEEPET0995	spring / <b>autumn</b>	0/6/f/6	6	English, Deutsch, Francais, Espanol, Italiano, other	<b>I.-II.</b>

**2. Course Coordinator:**

Zsolt VASÁROS DLA associate professor – vasaros.zsolt@mail.bme.hu

**3. Chief Lecturers:**

Melinda BENKŐ PhD, Department of Urban Studies (BMEEPIU)

**Zsolt VASÁROS DLA, Department of Industrial and Agricultural Building Design (BMEEPIP)**

Tamás FEJÉR, Department of Architectural Representation (BMEEPAG)

Ágnes GY. BALOGH PhD, Department for History of Architecture and of Monuments (BMEEPET)

György HILD DLA, Department of Residential Building Design (BMEEPLA)

Zoltán HUNYADI CSc, Department of Building Constructions (BMEEPES)

Bálint MAROSI DLA, Department of Public Building Design (BMEEPKO)

Szabolcs PORTSCHY, Department of Design (BMEEPRA)

Csaba SZIKRA, Department of Building Energetics and Service System (BMEEPEG)

Péter VÁRKONYI, Department of Mechanics, Materials, and Structures (BMEEPST)

István VIDOVSZKY PhD, Department of Construction Technology and Management (BMEEPEK)

**4. Lecturers of the current semester:** see in the attachment

**5. The course based on the following topics:**

The main topics are given by the current courses of the departments. They mirroring the specific competence, knowledge and motivation on language skills and professional research of the department staff.

## 6. Assumed Background:

Minimum of 4 semesters architectural and engineering studies, specified background during the registration. The participation on the course is allowed for the exchange students of the Faculty of Architecture.

## 7. The main aim of the Course:

Similarly to the international practice the course aims primarily research activity in architecture and its documentation. The possible horizon of the research topics is determined by the course lists of the departments and the personal interest of the students. Beside the architectural topics the course will give an appreciation of interdisciplinary and special fields in international environment too. The project work will demonstrate generic and specific skills and understanding of the open and synthetic character of the research.

The objective of this course is to hone the skills of analysis and abstraction in order to develop a framework for research. The student should be able to draw from precedent in the art, architecture and engineering in the development of this framework, which will act as scaffolding for the theoretical, experimental and creative decisions. This course will consist of a series of consultations to the teachers, but the essay should write by the student. The available topics are given by the Departments of the Faculty. The student can propose also a special topic for research during the course, but the teacher has to be agreeing with the proposal.

## 8. Method:

Compile an essay under guidance of the Topic Leaders.

## 9. Schedule + Topical Outline

week	topic/schedule
1.	registration, define the frame of the research
2-3.	define the topic, compile the bibliography
4-6.	analyse the written sources, compose studies, research concept
7.	extended concept, <b>mid review, presentation on the hosting department</b>
8-9.	preparing scientific material, editing the essay
10-13.	final editing the essay
14.	<b>final submission, compile the presentation</b>
15.	<b>late deadline for submission</b>
15.	<b>final conference</b>

Through the semester need to be successfully completed an essay by all students. The core of the research can be studied by a team (max. 6 participants), but every student has to research a subtopic. The final essay should be edited for the conference at the end of the semester. All essays should consist an abstract in English (max. 1500 characters). The best, selected essays will be published presumably yearly.

The course will open every year on the last week of November and May. The schedule and the main topics are given by the departments and published in NEPTUN and on the Faculty and Department websites.

## 10. Workload:

- a.) beginning of 7th week – the details should be given by the hosting department (day, schedule etc.):  
**first control submission** – extended abstract of the research idea based on bibliography, case studie(s) and/or site analysis
- b.) end of 14th week – 11.12.2015 (Friday) until 12:00 AM:  
**final submission** – final essay, including 10-15 A4 pages text (cca 20.000-30.000 characters + attachments, plates, photos, drawings etc. max 10 pages), format: .word/.rtf and .pdf)
- c.) 15th week – 17.12.2015 (Thursday):  
**presentation** – presentation of the results on the Faculty Conference, 10 minutes presentation+5 minutes discussion in English (format: .ppt/.pptx)

## 11. Repetition:

- a.) beginning of 8th week – 26.10.2015 (Monday) until 12:00 AM:  
**first control submission**
- b.) 15th week, Wednesday – 16.12.2015 12:00 AM:  
**last final submission**
- c.) 15th week – 17.12.2015 (Thursday):  
**presentation (repetition not available!)**

## 12. Contact Hours:

60 Minutes Per Week

## 13. Bibliography:

The student has to compile a list with the relevant monographs, periodicals, web based sources etc. The course leaders will give a basic bibliography.

## 14. Requirements + Grade Breakdown (cr):

participation on course	16
preparation of seminars	-
preparation of tests	-
essay	144
preparation of the presentation	15
conference	5
total	180

## 15. The Course Syllabus elaborated by:

Name:	Title:	Department:
Zsolt VASÁROS DLA	Associate professor	Department of Industrial and Agricultural Building Design
Melinda BENKŐ PhD	Associate professor	Department of Urban Studies
Zoltán HUNYADI CSc	Associate professor	Department of Building Constructions

Budapest, 31.08.2015