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Newsletter of the Building Constructions Department English Course Edition

02. September 2021.

This document is released as an informational newsletter due to the changes of the student advancement taking effect from the fall of 2021, please study it carefully. According to our intentions, after the first issue of the Newsletter there will be following issues published, through which we shall inform the students about the changes of our department's work.

1. Changes of the Building Constructions courses

After a prolonged series of thinking and various of dissimilar negotiations, the Department submitted the reform of the training's program, that was accepted on the assembly of the Council of the Faculty of Architecture on the 7. July 2021. One of the main goals of the changes are the increasement of the flexibility of the training, the possibility of the consideration of the different students' motivations, and the possibility of differentiation that are summarized in the section of "Department of Possibilities". The main elements are the following:

- Distinction of the learning material expected from all students and a further students work beyond that,
- New examination method harmonised with the student's motivation, new subject informational sheets,
- The exam obligation of the subjects after the Comprehensive Exam will unitedly cease to exist, they shall be part of a group of elective subjects, the student shall accomplish any subjects from the among the group above mentioned according to by training and interest.

Specifically:

- a. In case of the subjects, that require an exam, before the Comprehensive Exam the tasks during the semester shall be classified into two types: firstly „criteria” tasks (a semester project), that's successfulness is required and at the same time sufficient to achieve the signature and a final mark but only from satisfactory to average level; secondly „motivational” task (midterm test), that's successfulness is not required to achieve the signature, but it means of achieving a better grade (from good to excellent), however the Department suggests that every student should take the midterm test. The grade is formed at the end of the semester by the weighted average all the marks (including the semester project and the optional midterm tests) of the semester. Beside this, there will be optional tasks, they could improve (but they don't make it worst) the grade of the semester.
- b. In case of subjects without final exam (after the comprehensive exam, so-called specialized phase), successfulness of both the semester project and the midterm tests are criteria tasks. The grade of the semester is formed at the end by the weighted average of the semester project and the obligatory midterm tests.
- c. The exams before the Comprehensive exam become two parts: „criteria” (routine) part, that's successfulness is required and sufficient to pass the subject (from satisfactory to average level), and „motivational” part, that's successfulness is not required to achieve the credit, but it means of achieving a better grade (from good to excellent). The mark of the exam is formed by the weighted average these two marks, but the exam can also be submitted based on the first part.
- d. The recommended semester of the Comprehensive Exam shall be the 6th (spring) instead of the previous 5th semester, the previous Building Constructions 5 and 6 subjects after the Comprehensive





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Exam switched places, so the „encyclopedia” closure, the integration of the knowledge gained during the previous (previous Building Constructions 6.) subjects from the 7th, spring semester, is moved to the 6th semester. Its goal is to help the successful submission of the Comprehensive Exam but it is not a compulsory precondition.

- e. Together with this, the subjects’ exam commitment, following the Comprehensive Exam will be unitedly ceased to exist, but Building Constructions 4 will be concluded with an exam in the name of uniformity (in ascending system).
- f. The united precondition for taking the subjects following the Comprehensive Exam is the Comprehensive Exam. The obligatory exam and the twin subjects will cease to exist, the subjects will gain clean profile, new names and new Neptune codes. The mandatory optional packages of each training course are expanded with these.
- g. The Cumulative exam’s recommended (but not obligatory) pre-requisite is taking simultaneously the Complex 2.

The new subjects, codes and focus themes:

- BMEEPESQ602: Building System Methodology (Building Constructions 5.), compulsory subject, instead of the previous Building Constructions 6; its goal is to integrate the knowledge gained during the previous semesters, the facilitation of the Comprehensive Exam’s performance, improving its successfulness.
- BMEEPESQ701: Industrialized Building Methods (Building Constructions 6 instead of the previous Building Constructions 5, now it is optional, without an exam).
- BMEEPESQ801: Environmental Conscious Building Methods (Building Constructions 7.), new subject, without an exam.
- BMEEPESQ902: Building Rehabilitation (Building Constructions 9.).

Foreseen Building Constructions 5-7-9. subjects start at spring, and 6. subject starts at fall semester.

The transformation details of the curriculum according to the training can be found in the 1st chart.

2. Transition procedure

Our department would like to make the transition process easier in every possible way, that’s why the following timetable is foreseen:

2021 fall semester:

- For the subjects before the Comprehensive Exam a two-stage model will be introduced (midterm test and exam). Building Constructions 4. concluded not with an exam yet, according to the ascending system!
- Building Constructions 6. would start in its previous form, on previous code (BMEEPESK702), but we will replace the final exam with offered grades.

2022 spring semester:

- New Building Constructions 5 subject would start (BMEEPESQ602, Building System Methodology).
- Old Building Constructions 5 subject (BMEEPESA602, T602) would not start.
- New Environmental Conscious Building Methods (Building Constructions 7.) and Building Rehabilitation (Building Constructions 9.) would only start with the new codes.

2022 fall semester:

- New Building Constructions 6. (BMEEPESQ701, Industrialized Building Methods) would start with the new codes and topics.





- Old codes, subjects and contents would not start.

We are confident that with this transition, curriculum requirements will be met for all. With individual problems, individual cases, please reach out to our Department, through the new email address BCinfo@epsz.bme.hu dedicated to the English Course.

3. Department administration in fall semester 2021

On workdays from 10 am to 12 pm it is possible to do administrative work, the department is closed at different times. We prefer electronic administration (especially at the English Course), every question in the direction of the department shall be sent to the central e-mail address of the department BCinfo@epsz.bme.hu, which would be forwarded to the competent person (head of the department, the one responsible for education, subject coordinator, instructor), who would answer. Please describe the question or the problem very carefully in every letter, and please give the Neptune code. The above stated might differ due to the reflect of the evolution of the pandemic situation and the rules of the university!

4. Photo contest

The success of our new textbook series in preparation is a common interest for all of us. The department offers an opportunity to the students to participate in the preparations of the books. That's why we announce a photo competition:

- a. The theme of the photo shall be the following:
 - Interesting details of building constructions (if possible non-defective design)
 - Construction's method, structure system
 - Damage due to defective design or construction,
 - The process of construction, phase photos during the constructions
 - Typical subsystems (pl. façade cladding),
 - Interesting usage of materials, structural design,
 - Architectural and building construction's unit solution, interactions,
 - Other themed or quality photo that are fitting to a textbook.
- b. Only original photos would be administered (the authorship must be declared).
- c. We will create an online interface for submitting photos.
- d. The photos we would prefer to use will be rewarded with a cash prize.
- e. The author consents to the usage of the award-winning photos, by including their name.
- f. The submission deadline is 15th each month, the prize budget is (200 thousand HUF) until it's exhausted.





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5. Demonstration application

Please note our demonstration application. The demonstrators during the fall semester:

- a. Would take part in the preparation of the new textbooks
- b. Would make sample semester projects
- c. Would be involved in the work of the professors.

02. September 2021.

Gábor Lajos, Takács PhD
Head of the Department

Gergely, Dobszay PhD
Responsible for Education





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I. chart:

The development of curriculum by training (**mandatory subjects in bold**)

- With this mark the options are indicated

The chart contains only the building constructions mandatory and mandatory elective subjects.

Semester	BSC (3NAMO)
1. (fall)	Introduction to Building Constructions
2. (spring)	Building Constructions 1. (BMEEPESA101)
3. (fall)	Building Constructions 2. (BMEEPESA201)
4. (spring)	Building Constructions 3. (BMEEPESA301)
5. (fall)	Building Constructions 4. (BMEEPESA401)
6. (spring)	new Building Constructions 5. (BMEEPESA501) Comprehensive Exam
6.-7. semesters	Completion of one of the following subjects is obligatory: <ul style="list-style-type: none">• new Industrialized Building Methods (Building Constructions 6, BMEEPESQ701)• new Environmental Conscious Building Methods (Building Constructions 7, BMEEP-ESQ801), from 2023• Building Rehabilitation (Building Constructions 9, BMEEPESQ902)
	Cumulative Exam

Semester	Pre Master, code: 3NAP0
1. (fall)	Building Constructions 2. (BMEEPESA201) Building Constructions 3. (BMEEPESA301)
2. (spring)	Building Constructions 4. (BMEEPESA401)

Semester	MSC (3N-ME)
1. (fall)	Completion of one of the following subjects is obligatory: <ul style="list-style-type: none">• new Industrialized Building Methods (Building Constructions 6, BMEEPESQ701)• new Environmental Conscious Building Methods (Building Constructions 7, BMEEP-ESQ801) from 2023• Building Rehabilitation (Building Constructions 9, BMEEPESQ902)
2.-3. semester	3N-MEI (Specialisation for Real Estate Development and Facility Management): Building Rehabilitation (Building Constructions 9, BMEEPESQ902)

