

## Study schedule at the doctoral school

The doctoral program consists of 8 semesters. To obtain the absolute during the 8 semesters, the student must complete 240 credit points as follows:

- Subjects: at least **48 credits with a value of 6 credits per subject** .
- Semi-annual (written and oral) research report:
  - **1-4th semester: 8-8 credits,**
  - **5-8th semester: 15-15 credits** (8 semesters in total: 92 credits).
- Publications related to the research topic: **at least 75 credits.**
- Active participation in a research project: **6-10 credits/project.**
- Participation in the training: **maximum 60 credits** (no mandatory minimum), 1 contact hour per week (1x45 minutes) = 2 credits.

According to the credit regulations, students must take at **least eight (8)** subjects within the framework of the training and close with a successful exam. Of the eight subjects, **4 subjects are mandatory** foundational subjects related to the doctoral topic, of which **2 subjects** (*Subjects establishing the field of safety science*) serve to establish the foundation of the field of technical safety science, and **2 subjects** serve the foundation of the *research topic* area (category of subjects establishing the field of research). These 4 subjects are approved by the Doctoral School Council (DIT) on the proposal of the supervisor. **The** student can freely choose 4 additional subjects (elective subjects) from all the subjects of the doctoral school with the agreement of the supervisor.

*In order to ensure the success of the doctoral training and the doctoral dissertation, in the first eight semesters of the training, the student is required to write a mandatory report (semester research and study report) per semester on the progress of his/her research topic, which is evaluated by the Doctoral School with credit points in the manner specified in its regulations. The report must also be presented orally.*

The recommended admission structure of the subjects and the *order of the compulsory reports* are shown in the table below:

| Subject                                      | Semester |    |    |    |    |    |    |    |
|----------------------------------------------|----------|----|----|----|----|----|----|----|
|                                              | 1.       | 2. | 3. | 4. | 5. | 6. | 7. | 8. |
| Subject Establishing the Field of Security   | X        |    |    |    |    |    |    |    |
| Subject Foundations of the Field of Security | X        |    |    |    |    |    |    |    |
| Subject Establishing a Research Topic I.     |          | X  |    |    |    |    |    |    |
| Subject-II.                                  |          | X  |    |    |    |    |    |    |
| Elective subject-1.                          |          |    | X  |    |    |    |    |    |
| Elective subject-2.                          |          |    | X  |    |    |    |    |    |
| Elective subject-3.                          |          |    |    | X  |    |    |    |    |
| Elective subject-4.                          |          |    |    | X  |    |    |    |    |
| Semester Research and Study Report           | X        | X  | X  | X  | X  | X  | X  | X  |

In doctoral (PhD) training, all study requirements must be determined in credits (study points). The general regulation of credits that can be obtained in doctoral training is contained in the Doctoral Credit Regulation of Óbuda University.

During the eight-semester doctoral program, a total of 240 credits must be collected in order to obtain the final certificate (absolutorium). Credits can be obtained in the training based on the following activities:

- studies, i.e. completion of courses;
- research activities;
- educational activities
- Contribution to a research project
- completion of a semester-long research and study report.

The number of credits that can be obtained or the minimum number to be acquired is as follows:

| Activity             |                                    | Credit Calculation                                                                        | Number of credits                                                                                                                                                                                                                                                                           |                                                                                                   |
|----------------------|------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
|                      |                                    |                                                                                           | Minimum                                                                                                                                                                                                                                                                                     | At the most                                                                                       |
| Studies              |                                    | <b>6 credits/subject</b>                                                                  | <b>48</b>                                                                                                                                                                                                                                                                                   | <b>60</b>                                                                                         |
| Research activities  | Semester Research and Study Report | 1-4 semesters: <b>8 credits/semester</b><br><br>5-8 semesters: <b>15 credits/semester</b> | <b>92</b>                                                                                                                                                                                                                                                                                   | <b>92</b>                                                                                         |
|                      | Research Project Contribution      | <b>6-10 credits/project</b>                                                               | -                                                                                                                                                                                                                                                                                           | <b>40</b>                                                                                         |
|                      | Publication activity               | see <i><b>Publication credits table</b></i>                                               | <b>75; at least 5 publications, at least 2 peer-reviewed journal articles in a foreign language (of which at least 1 WoS or Scopus journal article), at least 3 peer-reviewed publications, at least 2 journal articles in a foreign language *, at least 1 publication in Hungarian **</b> | <b>116</b>                                                                                        |
| Educational activity |                                    | <b>one 45-minute lesson/week = 2 credits</b>                                              | -                                                                                                                                                                                                                                                                                           | <b>60 (up to 5 credits/semester in semesters 1-4, up to 10 credits/semester in semesters 5-8)</b> |
| <b>ALL</b>           |                                    |                                                                                           | <b>240</b>                                                                                                                                                                                                                                                                                  |                                                                                                   |

\* with at least 50% average copyright contribution

\*\* only in case of Hungarian citizens

- In order to obtain the absolute degree in the organized training, it is mandatory to obtain a minimum of 240 credits by the end of the 8th semester as follows:
- Measuring points defined in the course of the training:
  - 20 credits at the end of the first semester;
  - at the end of the second semester, 45 credits;
  - 75 credits at the end of the third semester;
  - at the end of the fourth semester, 90 credits;
  - at the end of the fifth semester, 110 credits;
  - at the end of the sixth semester, 150 credits;
  - and at the end of the seventh semester, 180 credits are required to continue the training.
- These requirements of the training are the same for full-time (scholarship) and correspondence students.

**6 credits can be given per subject for completing the courses.**

**For teaching activities,** 2 credits can be collected for 1 contact hour per week (through a semester).

**Credit** points can be earned for research activities with the following activities:

- a) Publication activities
- b) With a research report every semester (**8-8 credits can be obtained in semesters 1-4, 15-15 (92 in total)** in semesters 5-8).
- c) Certified active participation in a research project, 6-10 credit points per project.

The number of credits that can or will be obtained by completing the courses, research and teaching activities is determined by the doctoral student's study plan.

The Council of the Doctoral School may grant exemption from the fulfilment of the training requirement if the student participates in part-time training outside the institution. Doctoral students may participate in part-time training outside the institution (research institute, company or abroad) related to their doctoral topic. This can be done on the basis of a work programme approved by the supervisor, which ensures the validity of the given period of study in the doctoral programme of the university. The Council of the Doctoral School is entitled to decide on the approval of the work programme of the part-time courses outside the institution. The credit value of the courses completed in this way is determined by the Council of the Doctoral School.