# STUDY MODULE DESCRIPTION FORM

| Name of the module/subject | | Code |
|---|---|---|
| **Preparation of Diploma Work** | | **1010102131010113761** |
| Field of study: **Civil Engineering Second-cycle Studies** | Profile of study (general academic, practical): **(brak)** | Year /Semester: **2 / 3** |
| Elective path/specialty: **-** | Subject offered in: **Polish** | Course (compulsory, elective): **obligatory** |
| Cycle of study: **Second-cycle studies** | Form of study (full-time,part-time): **full-time** | |
| No. of hours: Lecture: **-** Classes: **-** Laboratory: **-** Project/seminars: **0** | | No. of credits: **15** |
| Status of the course in the study program (Basic, major, other): **(brak)** | (university-wide, from another field): **(brak)** | |
| Education areas and fields of science and art | | ECTS distribution (number and %) |

## Responsible for subject / lecturer:

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## Prerequisites in terms of knowledge, skills and social competencies:

| | | |
|---|---|---|
| 1 | **Knowledge** | the student has the knowledge resulting from the scope of completed engineering studies |
| 2 | **Skills** | the student has the ability to perceive, to associate and interpret phenomena occurring in the university and its environment |
| 3 | **Social competencies** | the student is prepared to take on social responsibility for the study of the second stage of education |

## Assumptions and objectives of the course:

Gaining awareness skills through reading the science and technical press, public presentation, knowledge and the results of their own work, participate in public discussion.

## Study outcomes and reference to the educational results for a field of study

### Knowledge:

1. Knows the principles of analysis, design and dimensioning of building elements - [w02]
2. Knows classification and scope of computer aided programing - [w08]
3. Knows the technical design of buildings and their components - [w14]

### Skills:

1. Can make the evaluation and ranking of any loads acting on buildings - [u01]
2. Can design elements and their connections in complex construction projects - [u03]
3. Can perform static and dynamic stability analysis of buildings - [u04]
4. Can define a computer model to analyze the structures - [u06, u13]

### Social competencies:

1. Can - realizing certain zadania- work independently and work in a team - [k01]
2. Is responsible for the accuracy of the results of their work - [k02]
3. Owns complements and extends knowledge of modern processes and technologies - [k02]

## Assessment methods of study outcomes

The method of preparation of the thesis is evaluated by the supervisor and the assessment shall be included in the index prior to the final exam.

| **Course description** | | |
|---|---|---|
| Consistent with the thesis subject. | | |
| **Basic bibliography:**<br>1. Standards<br>2. Teksbooks | | |
| **Additional bibliography:**<br>1. Scientific and technical press | | |
| **Result of average student's workload** | | |
| **Activity** | | **Time (working hours)** |
| 1. Preparation of the thesis and final presentation | | 250 |
| 2. Study of available literature and preparation of additional tasks | | 125 |
| **Student's workload** | | |
| **Source of workload** | **hours** | **ECTS** |
| Total workload | 375 | 15 |
| Contact hours | 25 | 1 |
| Practical activities | 25 | 1 |