



Course: **EC: Implementation of BIM in Design of Structures**
1080-BU000-ISA-0601
Coordinators: **dr inż. Kostiantyn Protchenko**

Period: **Winter Semester 2024/2025**
2024Z
Approval date: **27.10.2024**

1. Course allocation

The course is dedicated for Students of 7th semester, BSc studies.

2. Conducting classes

The classes are conducted in stationary form.

3. Course materials

The materials will be available through

- MS Teams
- Moodle (<https://moodle.usos.pw.edu.pl/course/view.php?id=1031>)
- LeOn: (<https://leon.pw.edu.pl/course/view.php?id=1286>)

4. Class attendance

It's obligatory to participate in 90% of the classes.

5. Verification of achievement of learning outcomes

An assessment will be done basing on the Students project (in case of grades 5 and 4), or the test on main aspects of BIM (lower grade).

6. Aids acceptable for use during verification of achievement of learning outcomes

Materials related to project realization

7. Rules for passing the course and for calculating the final grade

The following points will be taken into account for the project:

- Level of difficulty for the project;
- Architectural part, presence of atypical geometrical shapes, visualization aspects (background, textures, level of usability etc.);
- Structural part, the correctness of reinforcement for the model; the completeness of model reinforcing, the reinforcing of non-regular shapes;
- Documentation, technical drawings, legends, reports.

8. Deadline and procedure for announcing grades

The project should be done & submitted by the end of the semester.

9. Rules for retaking classes due to failure to pass a course

Realization of the project

10. Other