

Title (Steel structures II)	Code 1010102121010110440
Field Civil Engineering Second-cycle Studies	Year / Semester 1 / 2
Specialty Structural Engineering	Course core
Hours Lectures: 1 Classes: - Laboratory: - Projects / seminars: 2	Number of credits 3
	Language polish

Lecturer:

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Status of the course in the study program:

- full-time studies

Assumptions and objectives of the course:

- the object of the course is to introduce the design of hanging structures, smokestacks, aerial masts, towers, tanks and aluminum elements.

Contents of the course (course description):

- suspended and hanging roofs,
- dynamic semirigid structures: smokestacks, towers, aerial masts,
- shell structures: liquid tanks, gasholders, storage bins,
- examples of an aluminum structures.

Introductory courses and the required pre-knowledge:

- basic knowledge in the field of structural mechanic, strenght of materials and production technology of steel structures (metalwork).

Courses form and teaching methods:

- lectures: illustrated with slides and film clips,
- design classes: presentation of srtructure solutions, designing a steel frame hall.

Form and terms of complete the course - requirements and assessment methods:

- test, design to be handed in.

Basic Bibliography:

Additional Bibliography: