

PROPOSALS FOR TOPICS OF DIPLOMA THESES for undergraduate students of the Civil Engineering Structures course

Unit:

**Institute of Building Engineering
Department of Concrete and Metal Structures
Division of Metal Structures**

NOTE: In the Division of Metal Structures, there is a possibility to arrange a topic of the thesis with a supervisor, taking into account the specified interests of a diploma student.

Supervisor	Thesis topic	Thesis scope	Speciality
prof. dr hab. inż. Marian Giżejowski dr inż. Wioleta Barcewicz dr inż. Mirosław Siennicki The selected topic of BSc thesis needs the consultation with the supervisor for further details.	Design of steel structure of high bay warehouse.		CES
	Design of steel structure of commercial pavilion.		
	Design of steel framed structure of sports hall.		
	Design of steel framed structure of shopping mall.		
	Design of steel structure of hypermarket with highly adaptable interior.		
	Design of steel structure of an exhibition hall with an area up to 8000m ² .		
	Design project of steel two-bay industrial building.		
	Design of a steel two-bay single-storey building intended for supermarket.		
	Design project of the three bay industrial hall steel structure.		
	Design project of steel one-bay industrial building with two outhouses.		
	Design project of steel one-bay industrial building with internal mezzanine.		
	Design of the steel industrial building with a possibility of application of the internal transport.		
	Design of steel structure of hangar for sport aircraft.		
	Design of steel structure of hangar for military aircraft.		
	Steel structure of a multi-storey office building with a parking lot.		
	Steel structure of a multi-storey office building with a green roof.		
	Low-rise building with composite steel-concrete floors.		
	Design of a steel skeletal structure of a school with internal gym hall.		
	Design of steel structure of a library with a conference room.		
	Design of steel structure of a multi-storey parking lot.		
	Design project of a steel lattice telecommunication tower of a specified height (up to 60m).		
	Design project of steel shed over the petrol station.		
	Steel structure of a dome over the patio in office complex.		
Design project of steel structure for pipeline transition over the river.			