

**PROPOZYCJE TEMATÓW PRAC DYPLOMOWYCH dla studentów I stopnia kierunku budownictwo**

**Jednostka:**

**Instytut Inżynierii Budowlanej**

**Zakład Konstrukcji Betonowych i Metalowych**

**UWAGA: W Zespole Konstrukcji Betonowych istnieje możliwość uzgodnienia z promotorem tematu pracy dyplomowej, uwzględniającej szczególnie zainteresowania dyplomanta.**

Promotor	Temat pracy	Zakres tematyczny pracy	Specjalność
dr inż. Michał Głowacki mgr inż. Bartosz Grzeszykowski dr inż. Piotr Knyziak dr hab. inż. Robert Kowalski, prof. PW dr inż. Marta Lutomińska dr inż. Marcin Niedośpiał dr hab. inż. Elżbieta Szmigiera, prof. PW dr inż. Marek Urbański dr inż. Maria Włodarczyk mgr inż. Julia Wróblewska	Design of a reinforced concrete structure of a detached house. The project of a reinforced concrete residential building with an underground garage. The project of selected structural elements of a multi-family residential building. Design of selected reinforced concrete elements in a parking garage / commercial building with a beam-and-slab structure. A five-storey reinforced concrete office buildings design. Design of a reinforced concrete frame structure of car showroom. Design of an overground reinforced concrete sludge tank with 5 chambers. Design of a reinforced concrete structure for a residential and commercial building with an underground parking lot. Design of a reinforced concrete structure of a multi-storey car park. Structural design of selected reinforced concrete elements for an administration building. Architectural and structural design of a multi-family residential building. Structural design of selected reinforced concrete elements of a governmental administration building.	The topic and detailed scope of diploma should be agreed with the diploma supervisor.	CES
dr inż. Rafał Ostromecki	Design of the ribbed-shell covered building (ie. concert hall) Design of the ribbed-shell covered industrial bay Design of the ribbed silo for coal/wheat/cement/gravel storage Design of the ribbed water tower structure Design of the multichamber tank structure of rectangular projection Design of the multichamber bunker-silo structure for coal/gravel storage Design of the hoist tower structure Design of the ski jump structure Design of the industrial house located in the area of mining damages	Subjects refer to ribbed-shell structure objects, municipal/ industrial/storage buildings. The detailed work scope to be agreed with the supervisor	CES