



MSc in CIVIL ENGINEERING

Full-time

Topics for diploma thesis in 2026/2027

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1. Mathematical modelling for the delineation of flood hazard zones
(a thesis with the possibility of including climate scenarios, embankment failure or breach scenarios, and failure of a hydraulic structure)
2. Analysis of the operation of drainage and land-reclamation systems
(a computational thesis based on case studies from the Żuławy Elbląskie region)
3. Mathematical modelling of the operation of a damming structure with a reservoir operating in a flow-regulation mode
(the thesis concerns the development of a mathematical model of a reservoir and a damming structure regulating the outflow from a main dam operating under a hydropeaking regime)