List of Topics for master Theses - Structural Engineering (English)
2026-2027

Topic No.	Topic Title	Supervisor (Title, Last Name, First Name)
1	Performance evaluation of structures for storm events	Conferentiar universitar dr. ing. Iancovici Mihail
2	Seismic performance evaluation of base isolated structures	Conferentiar universitar dr. ing. Iancovici Mihail
3	Seismic- and wind-induced collapse risk evaluation of structures	Conferentiar universitar dr. ing. Iancovici Mihail
4	Input ground motion selection for advanced Performance-Based Earthquake Engineering	Conferentiar universitar dr. ing. Iancovici Mihail
5	Structural damage evaluation based on real-time vibration monitoring	Conferentiar universitar dr. ing. Iancovici Mihail
6	Seismic fragility of a pre-1977 reinforced concrete structure	Conferentiar universitar dr. ing. Pavel Florin
7	Seismic evaluation of a pre-1977 reinforced concrete structure	Conferentiar universitar dr. ing. Pavel Florin
8	Modelling the Shear Behaviour of RC Beams with Inadequately Anchored Transverse Reinforcement	Sef lucrari dr. ing. Trandafir Alexandru
9	Research on optimization of steel slender silos	Sef lucrari dr. ing. Voiculescu Dragos
10	Research for establishing the optimal geometry for steel silos funnel	Sef lucrari dr. ing. Voiculescu Dragos
11	Seismic response of buildings based on instrumental data	Profesor universitar dr. ing. Aldea Alexandru
12	Influence of seismic action directionality on the behavior of multi-story RC structures	Conferentiar universitar dr. ing. Köber Dietlinde
13	Design of irregular structures in seismic areas	Conferentiar universitar dr. ing. Köber Dietlinde
14	Seismic performance assessment of a tall RC structural wall structure using nonlinear analysis	Conferentiar universitar dr. ing. Zamfirescu Dan
15	Nonlinear dynamic analysis: Altering the vector of loads in Force Analogy Method to account for real crack propagation of RC beams.	Sef lucrari dr. ing. Nica George-Bogdan