

**POLITEHNICA University of Timișoara
Faculty of Civil Engineering**

Field of study: CIVIL ENGINEERING

MSc degree: ADVANCED DESIGN OF STEEL AND COMPOSITE STRUCTURES – ADS

Language of instruction: ENGLISH

The focus of “Advanced Design of Steel and Composite Structures” Master Course is to provide attendees the engineering ability and know-how to design and construct safe steel and composite steel and concrete structures including environmental aspects, enhancing the sustainability and competitiveness of the industry.

The ADS Master Course represents an educational program that trains high-level specialists with the orientation towards the domain of steel and composite steel and concrete structures. The master program corresponds to the requirements of an international labor market, for which the master graduates can integrate activities specific to their grounding for finding the most favorable opportunities.

The program assures the continuation and completion of the bachelor degree studies through advanced analysis and design methods applied to steel and composite steel and composite structures. Robustness of structures, fire safety use of new structural materials and other topics related to safety of structures are addressed to students. The program allows the initiation of the trainees in the research activities.

**POLITEHNICA University of Timișoara
Faculty of Civil Engineering**

Field of study: CIVIL ENGINEERING

**MSc degree: PROIECTAREA AVANSATĂ A STRUCTURILOR METALICE COMPOZITE
– PAS (ADVANCED DESIGN OF STEEL AND COMPOSITE STRUCTURES)**

Language of instruction: ROMANIAN

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