

Transilvania University of Braşov  
Faculty of Mechanical Engineering  
Department of Mechanical Engineering

## **Topics for the Admission Examination to Doctoral Studies**

September 2019

Scientific supervisor Prof.dr.ing. Horatiu Teodorescu-Draghicescu

- 1. Contributions to the study of composite structures with various applications**
- 2. Contributions to the mechanics of fibre-reinforced composite materials**

References\*:

1. L. Tong, A.P. Mouritz, M.K. Bannister – 3D Fibre Reinforced Polymer Composites, Elsevier, 2002, ISBN 0-08-043938-1
2. D. Zenkert – The Handbook of Sandwich Construction, EMAS Publishing, 1997, ISBN 978-0-947817-96-1
3. H. Teodorescu – Fundamentele și mecanica materialelor compozite polimerice, Editura Universității Transilvania din Braşov, 2007, ISBN 978-973-635-878-4

\* The references can be provided on request by the scientific supervisor

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