

Code	AMN 501
Name	Materials Science and Engineering
Hour per week	3 (3+0)
Credit	3
ECTS	10
Level/Year	Graduate
Semester	Fall, Spring
Type	Compulsory (for AMN MSc Program)
Prerequisites	None
Content	<ul style="list-style-type: none">• Introduction of types of materials and their application areas,• Introduction of chemical structure of materials,• Introduction of effects of processing parameters on materials' structure,• Introduction of characteristics mechanical properties of materials,• Introduction of characterization methods for ceramic materials,• Introduction of characteristic properties of metal, polymer and ceramic materials