

MECHANICS and MACHINE BUILDING (W10-MBMP-000A-OSIW7) specjalność: MECHANICAL ENGINEERING DESIGN

program obowiązuje od roku akad. 2025/2026

Block of humanistic courses I					Block of humanistic courses II				
Introduction to Philosophy (Wstęp do filozofii)					Inventive Law and Copyright Law (Prawo wynalazcze i autorskie)				
08MBM0-	2				08MBM0-	1			
25S101W02375	30				25S102W02389	15			
Military Technology in Armed Conflicts (Techn.wojsk.w konfliktach zbroinnych)					Intellectual Property Law (Ochrona własności intelektualnej)				
10MBM0-	2				10MBM0-	1			
25S101W02376	30				25S102W02388	15			

10MBM0-25S105W02414
 10MBM0-25S105W02415
 10MBM0-25S105W02416
 10MBM0-25S105W02417
 10MBM0-25S105W02418
 10MBM0-25S105W02419
 10MBM0-25S105W02420
 10MBM0-25S105W02421
 10MBM0-25S105W02422
 10MBM0-25S105W02423
 10MBM0-25S105W02424
 10MBM0-25S105W02425
 10MBM0-25S105W02426
 10MBM0-25S105W02427
 10MBM0-25S105W02431
 10MBM0-25S105W02430
 10MBM0-25S105W02431
 10MBM0-25S105W02432

Selectable Courses I - sem.5

FEM Analysis of Strongly Nonlinear Applications in the MSC.MARC
 3D Engineering Graphics - SolidWorks
 Three-Dimensional Shapes Inspection Using GOM Inspect and SolidWorks
 Computer-Aided Manufacturing in the CAD-CAM-CATIA V5 System
 Solid and Surface Modeling in CATIA
 Numerical Modelling
 Engineering Calculations with Usage of Spreadsheet
 Fundamentals of Geometry Modelling and Documentation Generation Using PTC Creo Parametric Software
 Programming High-Speed Machining in Inventor HSM
 Designing Injection and Casting Molds in SolidWorks
 Design of Working Machines Assemblies in CAD Systems (Inventor, AutoCAD)
 Solving Problems of Mechanics in the ABAQUS
 Design Techniques - SolidWorks
 Technical Drawing with SolidWorks
 Advanced Modeling and Analysis Methods in CAD / FEM Systems
 Configurations Management and Building Parameterised CAD Data Libraries Using SolidWorks and Microsoft Excel
 Advanced Computer-Aided Design in the CATIA System
 Computer Analysis of Measurement Data

Selectable Courses II				
Biomedical Engineering (Biomechanika inżynierska)				
10MBM0-	2			
25S107W02451	15			
Technique in Medicine (Technika w medycynie)				
10MBM0-	2			
25S107W02452	15			