Mechanical Enigneering – Master

Hochschule
Albstadt-Sigmaringen
Albstadt-Sigmaringen University

personal, practical, innovative

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Master Thesis

Engineering

Finite Element Methode (FEM), Control of Mechanical Systems, Fatigue of Materials, Structural Optimization

Digitalization

Introduction to Industry 4.0, Robotics, Graphical Simulation, Production Simulation, MATLAB-Simulink , Industry 4.0 und Digitalization

Sustainability

Life Cycle Assessment (LCA), Eco-Design, Circular Management, Environmental Risk Management, Sustainable Business Models, Environmental Guidelines

Production Informatics, Production Automation, Product Data Management (PDM), Applied Finite Element Methode (FEM), Smart Materials

Core Modules

Green Technologies, Compulsory Elective Modules,
Practical Project (AI- Application, Production Technologies, Control Technology Lab)