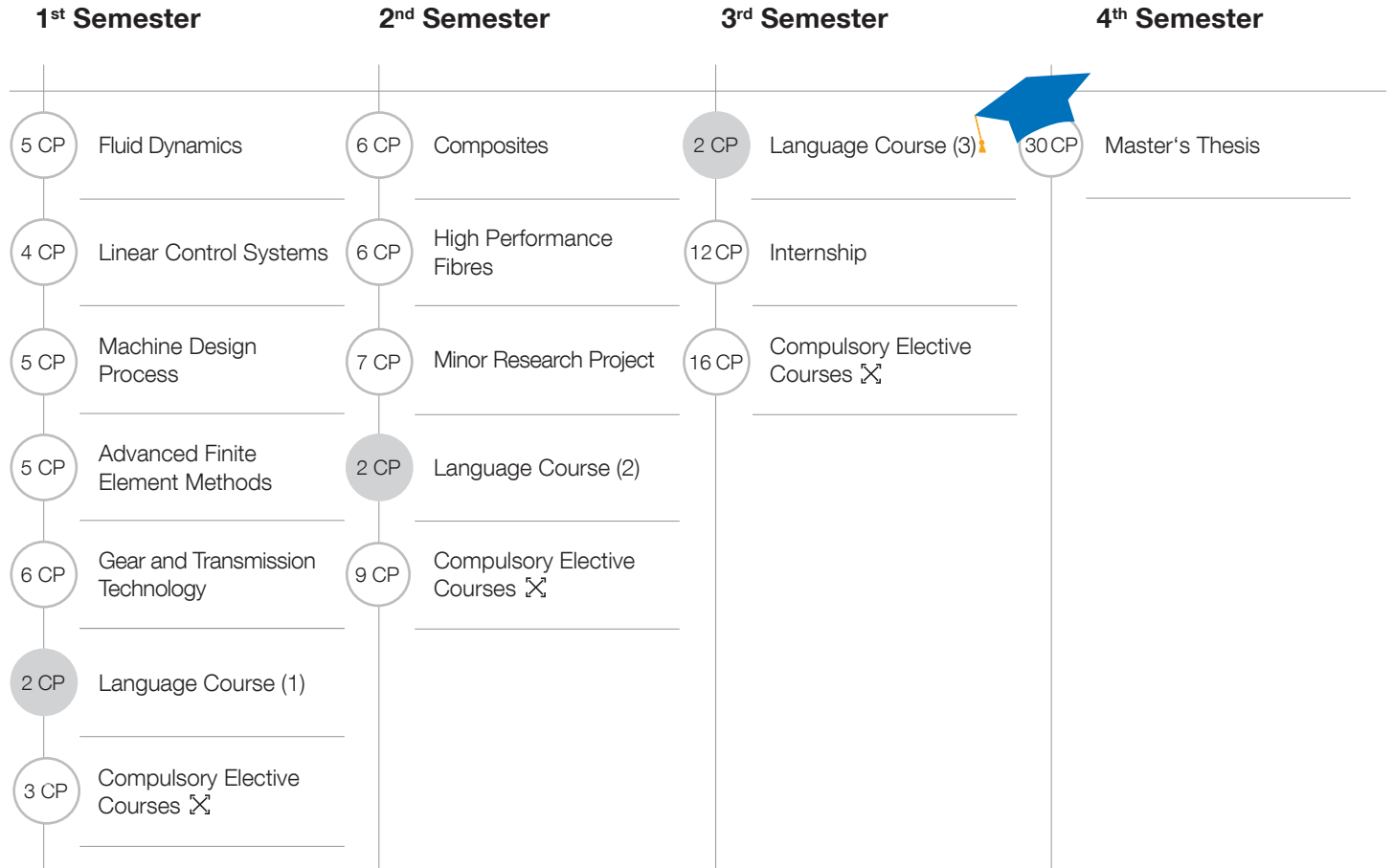


Master of Science (M.Sc.) Textile Engineering

Track: Coursework



\otimes Compulsory Elective Courses

Winter Semester

Artificial Neural Networks in Structural Mechanics
 Ausgewählte Themen der Textiltechnik
 Computational Intelligence in Engineering
 Faserstoffe 1 (natural fibres)
 Fundamentals of Lightweight Design
 Management and Engineering Perspectives
 Numerical Methods in Mech. Eng.
 Practical Introduction to FEM Software I
 Textiltechnik 3 (fabrics finishing)
 Quality Management

6 CP
 ● 6 CP
 5 CP
 ● 3 CP
 4 CP
 5 CP
 7 CP
 ● 5 CP
 6 CP
 6 CP

Summer Semester

Ausgewählte Themen der Textiltechnik ● 6 CP
 Computational Fluid Dynamics I 4 CP
 Faserstoffe 2 (synthetic fibres) ● 3 CP
 Industrial Logistics 5 CP
 Intelligent Monitoring of Engineering Systems 5 CP
 International Factory Planning 6 CP
 Modellbildung und Simulation in der Kunststoff- und Textiltechnik ● 6 CP
 Reliable Simulation in the Mechanics of Materials and Structures 6 CP
 Technische Textilien (technical textiles) ● 6 CP
 Textiltechnik 2 (yarns) ● 6 CP

● textile related (choose at least 12 CP of the highlighted modules)