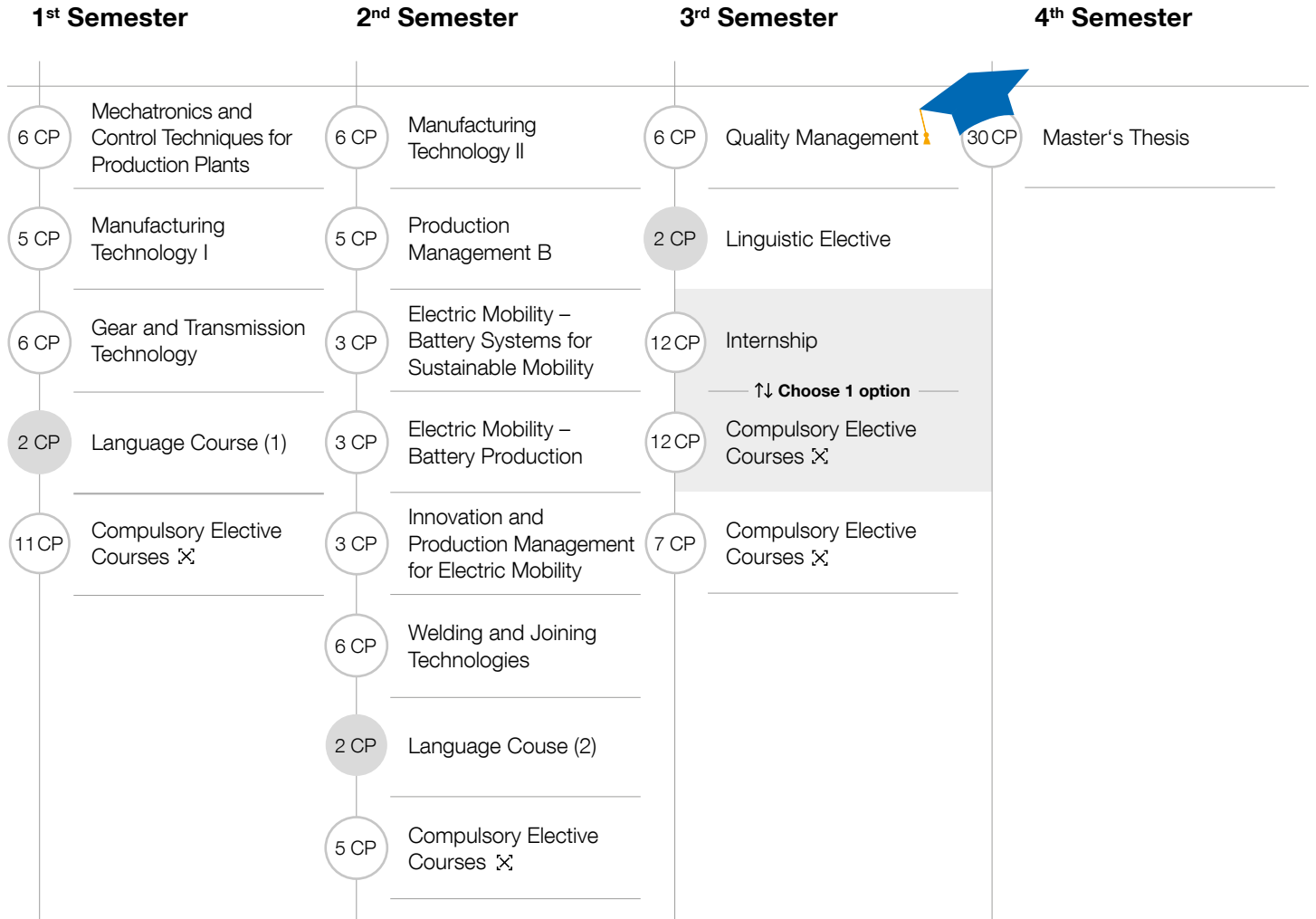


Master of Science (M.Sc.) SPE I Smart Production Engineering

Track: Electric Mobility Production



☒ Compulsory Elective Courses

Winter Semester

Advanced Software Engineering	5 CP
High Precision Glass Optics Manufacturing	6 CP
Laser Applications	6 CP
Linear Control Systems	3 CP
Modeling, Model Reduction and Simulation in Laser Processing – Applications	5 CP
Principles of Power Electronics	4 CP
Process Analysis in Manufacturing Technology	5 CP
Simulation Techniques in Manufacturing Technology	6 CP
Tribology	5 CP

Summer Semester

International Factory Planning	6 CP
Intelligent Monitoring of Engineering Systems	5 CP
Modeling, Model Reduction and Simulation in Laser Processing – Design	5 CP
Modeling, Model Reduction and Simulation in Laser Processing – Laser	5 CP
Multibody Dynamics	6 CP