Leistungsspiegel von: Yumao Liu

M.Sc. 2014 Maschinenbau - Mechanical and Process Engineering

		Datum	Credits	Angerechnet	Note	Status
Maschinenbau - Mechanical and Process Engineering						
Master Thesis						
16-mm-5000/30	Master Thesis Maschinenbau					
Summe Master Thesis						
In diesem Bereich sind 30,0 Credits einzubringen.						
Pflichtbereich						
16-25-5060	Höhere Maschinendynamik					
Summe Pflichtbereich						
In diesem Bereich sind 6,0 Credits einzubringen.						
Tutorium						
Summe Tutorium						
In diesem Bereich sind 4,0 Credits einzubringen.						
Projektarbeit						
16-07-a061	ADP (6 CP) Datenverarbeitung in der Konstruktion		6,0	6,0	1,3	✓
16-27-a061	ADP (6 CP) Fahrzeugtechnik		6,0	6,0	1,3	✓
Summe Projektarbeit			12,0	12,0		✓
In diesem Bereich sind mindestens 1 und maximal 2 Module zu belegen.						
In diesem Bereich sind 12,0 Credits einzubringen.						
Wahlpflichtbereich I						
Summe Wahlpflichtbereich I						
Es sind mindestens 6,0 Credits einzubringen.						
Wahlpflichtbereich II (Kernlehrveranstaltungen aus dem Maschinenbau)						
16-09-5030	Automatisierung der Fertigung		4,0	4,0	2,7	✓
16-13-5110	Laser Measurement Technology		4,0	4,0	2,7	✓
16-17-3284	Biofabrication und 3D-Bioprinting		4,0	4,0	2,3	✓
16-24-3124	Robotics in Industry: Fundamentals and Applications		4,0	4,0	3,0	✓
16-24-5020	Mechatronic Systems I		4,0	4,0	2,0	✓
16-73-5030	Introduction to the Finite Element Method		6,0	6,0	1,3	✓
Summe Wahlpflichtbereich II (Kernlehrveranstaltungen aus dem Maschinenbau)			26,0	26,0		✓
Es sind mindestens 20,0 Credits einzubringen.						
Wahlpflichtbereich III (Wahlfächer aus Natur- und Ingenieurwissenschaft)						
16-13-3264	Grundlagen der Messtechnik und Datenerfassung mit LabVIEW		6,0	6,0	1,3	✓
16-98-4174	Machine Learning Applications		6,0	6,0	2,0	✓
Summe Wahlpflichtbereich III (Wahlfächer aus Natur- und Ingenieurwissenschaft)			12,0	12,0		✓
Studium Generale						
Summe Studium Generale						
In diesem Bereich sind 12,0 Credits einzubringen.						
Extracurricular zu erbringende Leistung						
16-pp-mm12	Industriepraktikum M.Sc. MPE (12 Wochen)					
Summe Extracurricular zu erbringende Leistung						
Auflagen						
16-19-5010	Numerische Berechnungsverfahren		4,0		1,7	✓
16-23-5010	Systemtheorie und Regelungstechnik		6,0		3,0	✓
Summe Auflagen			10,0			✓
Summe Maschinenbau - Mechanical and Process Engineering			60,0	50,0		
Erforderliche Credits für Abschluss: 120,0						
Gesamt-GPA						**1,880**
Hauptfach-GPA						**1,880**

Transcript of: Yumao Liu

M. Sc. 2014 Mechanical Engineering - Mechanical and Process Engineering

	Credits	credited	Grade	Status
Mechanical Engineering - Mechanical and Process Engineering				
Master Thesis				
16-mm-5000/30 Master Thesis Mechanical Engineering				
Sum of Master Thesis				
30 credits to earn				
Mandatory courses				
16-25-5060 Higher Machine Dynamics				
Sum of Mandatory courses				
6 credits to earn				
Tutorial				
Sum of Tutorial				
4 credits to earn				
Projects				
Advanced Design Project (ADP) Institute Data Processing in Construction 6 CP	6	6	1.3	√
Advanced Design Project (ADP) Institute of Automotive Engineering 6 CP	6	6	1.3	√
Sum of Projects	12	12		√
12 credits are to earn in this field.				
Compulsory Elective Courses I				
Sum of Compulsory Elective Courses I				
6 credits to earn				
Compulsory Elective Courses II (core courses from mechanical engineering)				
16-09-5030 Automation of Production	4	4	2.7	√
16-13-5110 Laser Measurement Technology	4	4	2.7	√
16-17-3284 Biofabrication and 3D Bioprinting	4	4	2.3	√
16-24-3124 Robotics in Industry: Fundamentals and Applications	4	4	3.0	√
16-24-5020 Mechatronic Systems I	4	4	2.0	√
16-73-5030 Introduction to the Finite Element Method	6	6	1.3	√
Sum Compulsory Elective Courses II (core courses in mechanical engineering)	26	26		√
At least 20.0 credits must be earned.				
Compulsory Elective Courses III (elective courses from natural sciences and engineering)				
16-13-3264 Fundamentals of Metrology and Data Acquisition with LabVIEW	6	6	1.3	√
16-98-4174 Machine Learning Applications	6	6	2.0	√
Sum elective courses III (elective courses from natural sciences and engineering)	12	12		√
Study Generals				
Sum study generals				
12.0 credits must be earned in this field.				
Achievement to be performed extracurricularly				
16-pp-mm12 industrial internship M.Sc. MPE (12 weeks)				
Sum Achievement to be performed extracurricularly				
Condition modules from Bachelor				
16-19-5010 Numerical calculation methods	4		1.7	√
16-23-5010 Systems Theory and Control Engineering	6		3.0	√
Sum of Condition modules from Bachelor	10			
Sum Mechanical Engineering - Mechanical and Process Engineering	60	50		
Credits Required for Completion: 120.0				
Overall GPA				1.88
Major GPA				1.88