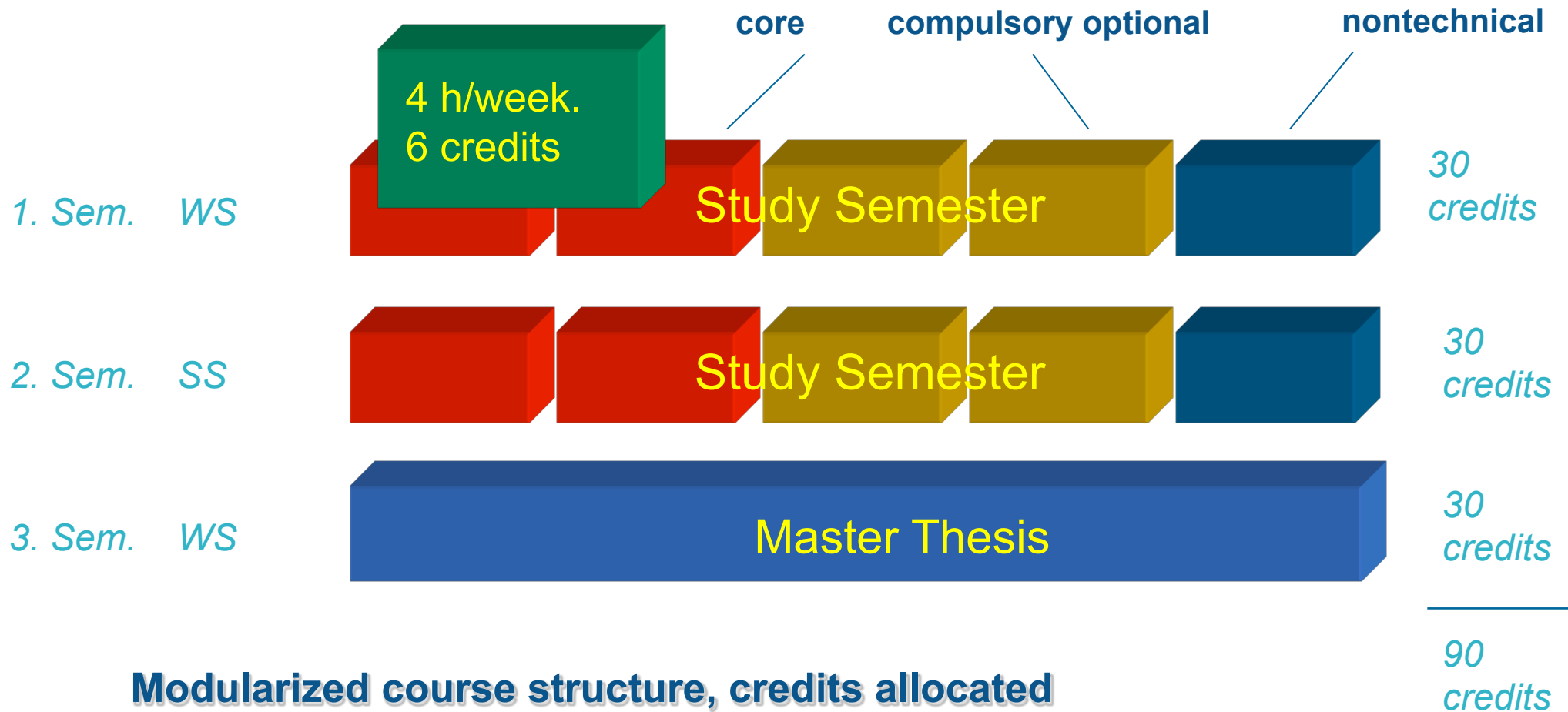


Master's Degree Course in Electronics Engineering



Curriculum Microsystems Engineering

	Engineering core modules A)	Engineering compulsory optional modules B)	Economics and language modules C)
Winter Semester	<ul style="list-style-type: none"> • Material Science (MSC) • Concept Engineering for Mixed-Technology Systems (CEMS) 	<ul style="list-style-type: none"> • Advanced Digital Signal Processing (ADSP) • Communication Networks (CNE) • Laser Systems and Applications (LSA) • Measurement and Instrumentation (MIN) • Stochastic Signals and Systems (SSS) • Image Processing and Pattern Recognition (IPPR) • Optical Communications (OCO) • Satellite Communications (SCO) • Electronics Engineering Project I (EEP I) 	<ul style="list-style-type: none"> • Operations Management I (OPM I) • Organisational Behaviour I (ORB I) • Project Management and Teambuilding I (PMT I) • Language module German (LMG)
Summer Semester	<ul style="list-style-type: none"> • Advanced Hardware Verification (AHV) • Micro-Technology and Micro-Systems (MTS) • Analogue and Mixed Signal Circuit Design (AMCD) 	<ul style="list-style-type: none"> • Computer Aided Data Acquisition (CADA) • Fiber Optic Test and Measurement (FOTM) • Microwave Circuits and Systems (MCS) • Source and Channel Coding (SCC) • Advanced Topics of Lasers (ATL) • Underwater Acoustics and Sonar Signal Proc. (USP) • Wireless Communications (WCO) • Electronics Engineering Project II (EEP II) 	<ul style="list-style-type: none"> • Operations Management II (OPM II) • Organisational Behaviour II (ORB II) • Project Management and Teambuilding II (PMT II) • Language module German (LMG)

A) min 4 core modules out of 5, B) 4 compulsory optional modules, C) nontechnical modules of 12 credits

Curriculum Measurement and Instrumentation

	Engineering core modules A)	Engineering compulsory optional modules B)	Economics and language modules C)
Winter Semester	<ul style="list-style-type: none"> • Measurement and Instrumentation (MIN) • Laser Systems and Applications (LSA) • Communication Networks (CNE) 	<ul style="list-style-type: none"> • Advanced Digital Signal Processing (ADSP) • Concept Engineering for Mixed-Technology Systems (CEMS) • Material Science (MSC) • Stochastic Signals and Systems (SSS) • Image Processing and Pattern Recognition (IPPR) • Optical Communications (OCO) • Satellite Communications (SCO) • Electronics Engineering Project I (EEP I) 	<ul style="list-style-type: none"> • Operations Management I (OPM I) • Organisational Behaviour I (ORB I) • Project Management and Teambuilding I (PMT I) • Language module German (LMG)
Summer Semester	<ul style="list-style-type: none"> • Computer Aided Data Acquisition (CADA) • Fiber Optic Test and Measurement (FOTM) 	<ul style="list-style-type: none"> • Advanced Hardware Verification (AHV) • Analogue and Mixed Signal Circuit Design (AMCD) • Micro-Technology and Micro-Systems (MTS) • Microwave Circuits and Systems (MCS) • Source and Channel Coding (SCC) • Advanced Topics of Lasers (ATL) • Underwater Acoustics and Sonar Signal Proc. (USP) • Wireless Communications (WCO) • Electronics Engineering Project II (EEP II) 	<ul style="list-style-type: none"> • Operations Management II (OPM II) • Organisational Behaviour II (ORB II) • Project Management and Teambuilding II (PMT II) • Language module German (LMG)

A) min 4 core modules out of 5, B) 4 compulsory optional modules, C) nontechnical modules of 12 credits

Curriculum Communication Systems Engineering

	Engineering core modules A)	Engineering compulsory optional modules B)	Economics and language modules C)
Winter Semester	<ul style="list-style-type: none"> Stochastic Signals and Systems (SSS) Advanced Digital Signal Processing (ADSP) Communication Networks (CNE) 	<ul style="list-style-type: none"> Concept Engineering for Mixed-Technology Systems (CEMS) Laser Systems and Applications (LSA) Material Science (MSC) Measurement and Instrumentation (MIN) Image Processing and Pattern Recognition (IPPR) Optical Communications (OCO) Satellite Communications (SCO) Electronics Engineering Project I (EEP I) 	<ul style="list-style-type: none"> Operations Management I (OPM I) Organisational Behaviour I (ORB I) Project Management and Teambuilding I (PMT I) Language module German (LMG)
Summer Semester	<ul style="list-style-type: none"> Source and Channel Coding (SCC) Microwave Circuits and Systems (MCS) 	<ul style="list-style-type: none"> Advanced Hardware Verification (AHV) Analogue and Mixed Signal Circuit Design (AMCD) Micro-Technology and Micro-Systems (MTS) Computer Aided Data Acquisition (CADA) Fiber Optic Test and Measurement (FOTM) Advanced Topics of Lasers (ATL) Underwater Acoustics and Sonar Signal Proc. (USP) Wireless Communications (WCO) Electronics Engineering Project II (EEP II) 	<ul style="list-style-type: none"> Operations Management II (OPM II) Organisational Behaviour II (ORB II) Project Management and Teambuilding II (PMT II) Language module German (LMG)

A) min 4 core modules out of 5, B) 4 compulsory optional modules, C) nontechnical modules of 12 credits