

1	<p>Computer Based Measurement Technology</p> <p>6 ECTS 4 SWS</p>	<p>Sensor Technology</p> <p>6 ECTS 4 SWS</p>	<p>Mathematical Data Analysis</p> <p>6 ECTS 4 SWS</p>	<p>Chinese/ German</p> <p>6 ECTS 4 SWS</p>	<p>Electives, e.g.</p> <ul style="list-style-type: none"> • Flow Measurement in Waste Water Systems • Chemical Sensors • Methods of Instrumental Analysis • Image processing • Microoptical Sensors • Acoustic Measurement Techniques <p>6 ECTS 4 SWS</p>	<p>Summer school on Novel Applications</p> <p>6 ECTS</p>
2	<p>Photoelectric Detection</p> <p>6 ECTS 4 SWS</p>	<p>Nanometrology</p> <p>6 ECTS 4 SWS</p>	<p>Digital Signal Processing</p> <p>6 ECTS 4 SWS</p>	<p>Chinese/ German</p> <p>6 ECTS 4 SWS</p>	<p>Electives, e.g.</p> <ul style="list-style-type: none"> • Automotive Electronics • Medical Imaging Technology • Interferometric Testing <p>6 ECTS 4 SWS</p>	
3	<p>Practical Internship</p> <p>18 ECTS</p>				<p>Electives, e.g.</p> <ul style="list-style-type: none"> • Computer Simulation of Sensors • Scientific Documentation and Reporting • Design of Experiments <p>6 ECTS 4 SWS</p>	
4	<p>Project Work and Master Thesis</p> <p>30 ECTS</p>					