

# Studiengang Zukunftstechnologien/Emerging Technologies, B.Eng – Start Sommersemester

<b>1</b> 33	<b>MINT-Brückenkurs (WPF)</b> 6 ECTS, 4 SWS	Orientierungskolloquium 2 ECTS 2 SWS	<b>Chemie</b> 8 ECTS 6 SWS	<b>Integrale u. gew. DGL</b> 5 ECTS 4 SWS	<b>PMI-Wsp 2</b> (physikal. Probleme mit math. Meth. u. Prog. lösen) 4 ECTS 4 SWS	<b>Mechanik, Schwingungen u. Wellen</b> 8 ECTS 6 SWS	
<b>2</b> 30	<b>Informatik</b> 8 ECTS 6 SWS	<b>Differentialrechnung u. Lineare Algebra</b> 8 ECTS 6 SWS	<b>PMI-Workshop 1</b> (stat. Verfahren, Informatik und Mathematik an physik. Beispielen) 6 ECTS 6 SWS	<b>Elektrizitätslehre u. Strahlenoptik</b> 8 ECTS 6 SWS			
<b>3</b> 30	<b>Technology Electives at the Partner University according to individual Learning Agreement</b> 30 ECTS ~24 SWS						
<b>4</b> 30	<b>Technology Electives at the Partner University according to individual Learning Agreement</b> 30 ECTS ~24 SWS						
<b>5</b> 30	<b>Int. Sci. Comm.</b> 3 ECTS 2 SWS	<b>Practical internship</b> 25 ECTS				<b>Practice rel. module</b> 2 ECTS 1 SWS	
<b>6</b> 33	<b>Partial Diff. Eq. and Integral Transform</b> 8 ECTS 6 SWS	<b>Advanced Solid State</b> 5 ECTS 4 SWS	<b>Quantum Mech., Atomic Physics</b> 5 ECTS 4 SWS	<b>Materials Science</b> 5 ECTS 4 SWS	<b>Comp. Based Meas. Technol.</b> 5 ECTS 4 SWS	<b>Language / Stud. Gen.</b> 2 ECTS 2 SWS	<b>Industrial Skills</b> 3 ECTS 2 SWS
<b>7</b> 24	<b>Electives / Project</b> 6 ECTS 4 SWS		<b>Bachelorseminar</b>		<b>Bachelormodule</b> 18 ECTS Bachelorthesis		