

Studiengang Zukunftstechnologien/Emerging Technologies, B.Eng - Start Wintersemester

1 30	Informatik 8 ECTS 6 SWS	Differentialrechnung u. Lineare Algebra 8 ECTS 6 SWS	PMI-Workshop 1 (stat. Verfahren, Informatik und Mathematik an physik. Beispielen) 6 ECTS 6 SWS	Elektrizitätslehre u. Strahlenoptik 8 ECTS 6 SWS			
2 30	Orientierungs kolloquium 2 ECTS 2 SWS	Int.Sci.Comm. 3 ECTS 2 SWS	Chemie 8 ECTS 6 SWS	Integrale u. gew. DGL 5 ECTS 4 SWS	PMI-Wsp 2 (physikal.Probleme mit math. Meth. u. Prog. lösen) 4 ECTS 4 SWS	Mechanik, Schwingungen u. Wellen 8 ECTS 6 SWS	
3 30	Technology Electives at the Partner University according to individual Learning Agreement 30 ECTS ~24 SWS						
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5 33	Partial Diff. Eq. and Integral Transform 8 ECTS 6 SWS	Advanced Solid State 5 ECTS 4 SWS	Quantum Mech., Atomic Physics 5 ECTS 4 SWS	Materials Science 5 ECTS 4 SWS	Comp. Based Meas.Technol. 5 ECTS 4 SWS	Language / Stud. Gen. 2 ECTS 2 SWS	Industrial Skills 3 ECTS 2 SWS
6 27	Practical internship 25 ECTS						Practice rel. module 2 ECTS 1 SWS
7 30	Electives / Project 12 ECTS 8 SWS			Bachelorseminar Bachelormodule Bachelorthesis 18 ECTS			