

Work-integrated study programme **Industrial Engineering** on Gütersloh Campus (PIE) - DRAFT

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7
Principles of Economics	Accounting and Finance	Cost and Investment Accounting	Lean Production & Industrial Engineering	Controlling	Marketing and Technical Sales	Human Resources Management
Future Technologies & Sustainability	Procurement, Production & Logistics	Basics of Electrical Engineering	Basics of Mechanical Design	Industrial Automation Technology	Control Technology	Industrial Communication
Introduction to German Culture & Language	Physics	Engineering Mechanics – Statics and Strength of Materials	Business Process Modelling and IT Systems	Materials Engineering	Microcontroller Programming	Quality Management
Basics of Programming	Innovation & Project Management	Databases	Operations Research	Production Planning and Control	Supply Chain Management	Bachelor - Thesis
Mathematics I	Mathematics II	Statistics				
			Work-related project (180 h)	Work-related project (180 h)	Work-related project (180 h)	
(25 CP / 20 SWS)	(25 CP / 20 SWS)	(25 CP / 20SWS)	(26 CP / 16 SWS)	(26 CP / 16 SWS)	(26 CP / 16 SWS)	(27 CP / 12SWS)

Legend: **Engineering**, **Business Administration**, **Computer Science**, **Mathematics**, interdisciplinary module