

English-taught work-integrated study-programme **Industrial Engineering (PIE)**

Campus Gütersloh

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

¹ For German-speaking students

² Work-related project at a company