

Welcome to the Faculty of Automotive Systems and Production

Information for Exchange Students

B. Eng. Production and Logistics

(updated on 02/02/2021)



I Important Facts

| | |
|---|---|
| Official Website | www.th-koeln.de |
| Mailing address of the Faculty of Automotive Systems and Production | Fakultät für Fahrzeugsysteme und Produktion Campus Deutz Betzdorfer Str. 2 50679 Köln |
| Website of the faculty for international students | https://www.th-koeln.de/fahrzeugsysteme-und-produktion/incoming_52795.php |
| International exchange coordinator | Prof. Dr. Rainer Haas rainer.haas@th-koeln.de +49 221-8275-2342 Office: HO2 108 |
| International Office of the faculty | Yvette Gossel yvette.gossel@th-koeln.de +49 221-8275-4583 Office: HO2 106 Facebook: https://www.facebook.com/Internationales-Büro-F08-TH-Köln-122185159177171/ |
| Administrative Office (Sekretariat) of the Bachelor's program Production and Logistics (PuL) | Gabriele Kötting gabi.koetting@th-koeln.de +49 221-8275-2551 |
| Language of instruction | German / English friendly courses |
| German language proficiency | B1 (German), B2 (English) for exchange students, higher level required for degree seeking students |
| General information for exchange students | https://www.th-koeln.de/en/international_office/exchange-students_21380.php |
| Module catalog, study plan, academic calendar, schedules and timetables | https://www.th-koeln.de/en/academics/production-and-logistics-bachelors-program--for-students_71644.php |
| Student body of the degree program | https://de-de.facebook.com/produlogi/ |
| Deadline for the Final Learning Agreement | 4 weeks after the semester start the final Learning Agreement ("During the Mobility") must be uploaded on the platform Mobility Online |
| Examination Periods | There are two examination periods each semester: at the end of the lecture period and at the end of the semester break. |

II How to select your courses

Step-by-Step Guide

1. Choose the modules you would like to enrol for

The [Module Catalog](#) provides you with all the necessary information about your program and the [Study Plan](#) on page 8 gives you an overview of the offered modules and the semester in which they take place. Please note that some modules may only be offered in a certain period: 1st, 3rd, 5th and 7th semester correspond to the winter and 2nd, 4th, and 6th to the summer term. An English translation and other useful information can be found in the **Module List** on the next page. English-friendly courses are marked in blue.

2. Consult the general timetable

The timetable is published approximately one month prior to the beginning of the lectures on the learning platform ILIAS. Since you only get access to the learning platform after you have received your student ID, you may kindly ask [Mrs Kötting](#) (see list above) to send you the timetables. Please note that there might be more than one timetable with several columns corresponding to the semester numbers in the study plan. If you have difficulties recognizing the abbreviations in the timetables, you can consult the **Module List** below. As soon as you are officially enrolled at our institution, you will be able to find the timetables on the "[For students](#)" website by clicking on "to the timetable".

3. Create your own timetable

You can choose your lectures from all columns of the general timetable. On the left you see the abbreviations of the lectures, in the middle the lecturers' last name and on the right the room number. If you would like to attend courses from different columns, please make sure that they do not overlap.

In addition to the obligatory modules there are optional modules, so called electives. Please keep in mind that they are offered in a certain semester and that the number of participants is limited. Those modules are marked as *optional* in the **Module List** below. International students should enquire free capacity by contacting the lecturers via email. You can find their names in the [Module Catalog](#) and their contact details in the official [list of staff](#) of TH Köln.

If you need any further information please consult the official website of the program [B.Eng. Production and Logistics](#) or the website of the [International Office of the Faculty](#).

III Module List

Modules of B.Eng. Production and Logistics

| Chapter | German | English | Term | CP | Optional/ obligatory | Language of Instruction | | Abbr. | Lecturer | Se- mester | Module number |
|---------|--|---|-------------------|----|-------------------------|-------------------------|-----------|-----------|------------------------|---------------|------------------|
| | | | | | | Lecture | Material | | | | |
| 6.1 | 3D-CAD (Computer Aided Design) | 3D-CAD (Computer Aided Design) | summer | 5 | optional | DE | DE | CAD | Stekolschik | 6 | 3018 |
| 6.2 | Arbeitswissenschaft (inkl. REFA-Grundschein) | Work Science (incl. basic REFA license) | winter | 5 | optional | DE | DE | AW | Abels | 5 | 2050 |
| 6.3 | Automatisierung | Automation | winter | 5 | optional | DE | DE | AT | Smajic | 5 | 1228 |
| 6.4 | (Bachelorarbeit + Kolloquium) | (Bachelor's Thesis + Final Oral Examination) | winter/ summer | 15 | obligatory | DE/ EN | DE/ EN | | Smajic | | 0950 |
| 6.5 | Beschaffungslogistik | Procurement Logistics | summer | 5 | optional | DE | DE | B- LOG | Schulte- Herbrüggen | 6 | 3330 |
| 6.6 | Betriebsfestigkeit - Grundlagen | Fundamentals of Fatigue Strength | winter | 5 | optional | DE/ EN | DE/ EN | | Krug | 5 | |
| 6.7 | Betriebsorganisation | Business Theory | winter | 5 | obligatory | DE | DE | BO | Zoller | 3 | 2070 |
| 6.8 | Distributionslogistik | Distribution Logistics | winter | 5 | optional | DE | DE | D- LOG | Freichel | 5 | 3310 |
| 6.9 | English for Production Engineering and | English for Production Engineering and | winter/ summer | 5 | obligatory | EN | EN | | Vollmer | 1/2 | 1340 |
| 6.10 | Entsorgungslogistik | Waste Management Logistics | summer | 5 | optional | DE | DE | E- LOG | Hesse | 6 | 4090 |
| 6.11 | Entsorgungstechnik | Waste Management Technology | winter | 5 | optional | DE | DE | EST | Hesse | 5 | 4092 |
| 6.12 | Erstsemesterwoche | First Semester Project Week | winter | 5 | obligatory | DE/ EN | DE/ EN | | | | |
| 6.13 | Fabrikplanung | Factory Planning | summer | 5 | optional | DE | DE | FP | Mahr-Lethen | 6 | 2530 |

| | | | | | | | | | | | |
|------|--|--|-------------------|---|------------|-----------|-----------|--------|------------------------|-----|------|
| 6.14 | Fertigungsmesstechnik | Manufacturing Measurement Technology | winter | 5 | optional | DE | DE | FMT | Pusch | 5 | 1212 |
| 6.15 | Fertigungsmittel | Manufacturing Tools and Equipment | winter | 5 | obligatory | DE | DE | FM | Breede | 5 | 1330 |
| 6.16 | Fertigungssysteme | Manufacturing Systems | summer | 5 | optional | DE | DE | FS | Breede | 6 | 1222 |
| 6.17 | Fertigungsverfahren | Manufacturing Processes | winter | 5 | obligatory | DE | DE | FV | Hartl | 3 | 1080 |
| 6.18 | Grundlagen Kosten- und Investitionsrechnung | Fundamentals of Cost and Investment Accounting | winter/ summer | 5 | obligatory | DE | DE | KR | Pütz | 1/2 | 1310 |
| 6.19 | Grundlagen Logistik | Fundamentals of Logistics | summer | 5 | obligatory | DE | DE | G-Log | Freichel | 2 | 1122 |
| 6.20 | Grundlagen Produktionsplanung und -steuerung | Fundamentals of Production Planning and Controlling | winter | 5 | obligatory | DE | DE | PP | Abels | 3 | 2030 |
| 6.21 | Human Resources (Personalmanagement) | Human Resources | winter | 5 | optional | DE | DE | HR | Mahr-Lethen | 6 | 3026 |
| 6.22 | Industriebetriebswirtschaftslehre | Industrial Business Administration | winter | 5 | obligatory | DE | DE | IBWL | Mahr-Lethen | 1 | 2010 |
| 6.23 | Informationstechnologie (IT) | Information Technology (IT) | winter | 5 | obligatory | DE | DE | IT | Tiltmann/Pack | 1 | 2510 |
| 6.24 | Ingenieurmathematik I | Mathematics for Engineers I | winter | 5 | obligatory | DE | DE | MA I | Ruschitzka/ Richter | 1 | 1010 |
| 6.25 | Ingenieurmathematik II | Mathematics for Engineers II | summer | 5 | obligatory | DE | DE | MA II | Ruschitzka/ Richter | 2 | 1020 |
| 6.26 | Ingenieurmathematik III | Mathematics for Engineers III | winter | 5 | optional | DE | DE | MA III | Ruschitzka | 5 | 1214 |
| 6.27 | Interdisziplinäre Projektwoche | Interdisciplinary Project Week | winter | 1 | obligatory | DE/ EN | DE/ EN | | Hesse | 5 | 2582 |
| 6.28 | Konstruktionslehre I | Design Theory I | winter | 5 | obligatory | DE | DE | KL I | Stekolschik | 1 | 1050 |
| 6.29 | Konstruktionslehre II | Design Theory II | summer | 5 | obligatory | DE | DE | KL II | Stekolschik | 6 | 1226 |
| 6.30 | Kosten- und Investitionsrechnung | Cost and Investment Appraisal | winter | 5 | obligatory | DE | DE | KIR | Pütz | 5 | 3036 |

| | | | | | | | | | | | |
|------|---|---|-------------------|----|------------|-----------|-----------|-------|---------------------|---|------|
| 6.31 | Logistik-IT und ERP-Systeme | Logistics IT and ERP Systems | summer | 5 | optional | DE | DE | LOGIT | Weiper | 6 | 3210 |
| 6.32 | Moderation/ Verhandlungsführung | Mediation and Negotiation Skills | | 3 | optional | DE | DE | | Smajic | 7 | 2620 |
| 6.33 | Optimierung und mathematische Modellbildung (OMM) | Optimization and Mathematical Modeling | summer | 5 | optional | DE | DE | | Lenz | 6 | 3014 |
| 6.34 | Physik I | Physics I | summer | 5 | obligatory | DE | DE | PH I | Ait Tahar | 2 | 1030 |
| 6.35 | Physik II | Physics II | winter | 5 | optional | DE | DE | PH II | Ait Tahar | 5 | 1216 |
| 6.36 | Praxissemester | Internship Semester | winter/ summer | 30 | obligatory | DE | DE | | Lenz | 4 | 0942 |
| 6.37 | Präsentation und Rhetorik | Presentation and Rhetorics | | 3 | optional | DE | DE | | Smajic | 7 | 2610 |
| 6.38 | Produktionscontrolling | Production Controlling | winter | 5 | obligatory | DE | DE | PC | Pütz | 3 | 1124 |
| 6.39 | Produktionslogistik | Production Logistics | winter | 5 | optional | DE | DE | P-LOG | Zoller | 5 | 3320 |
| 6.40 | Produktionsplanung und -steuerung | Production Planning and Controlling | summer | 5 | optional | DE | DE | PP | Abels | 6 | 1232 |
| 6.43 | Projektmanagement I | Project Management I | summer | 5 | obligatory | DE | DE | PM I | Pusch/ Schreiner | 2 | 2520 |
| 6.44 | Projektmanagement II | Project Management II | summer | 5 | optional | DE | DE | PM II | Pusch/Hesse | 6 | 3028 |
| 6.41 | Projekt I (Interdisziplinäres Projekt) | Project I (Interdisciplinary Project) | winter | 5 | obligatory | DE/ EN | DE/ EN | | Smajic | 7 | 0941 |
| 6.42 | Projekt II (Individuelles Projekt) | Project II (Individual Project) | winter | 5 | obligatory | DE/ EN | DE/ EN | | Smajic | 7 | 0943 |
| 6.45 | Qualitätsmanagement | Quality Management | summer | 5 | obligatory | DE/ EN | DE/ EN | QM | Pusch | 6 | 2060 |
| 6.46 | Statistik (STAT) | Statistics | winter | 5 | obligatory | DE | DE | STAT | Lenz | 3 | 1320 |
| 6.47 | Steuerungstechnik | Control Engineering | summer | 5 | obligatory | DE | DE | ST | Smajic | 2 | 1060 |
| 6.48 | Technische Mechanik I | Technical Mechanics I | winter | 5 | obligatory | DE | DE | TM I | Blaurock | 1 | 1040 |
| 6.49 | Technische Mechanik II | Technical Mechanics II | summer | 5 | optional | DE | DE | TM II | Blaurock | 6 | 1224 |

| | | | | | | | | | | | |
|------|---------------------|-----------------------------|--------|---|------------|----|----|-------|-------|---|------|
| 6.50 | Umformtechnik | Forming Technology | summer | 5 | optional | DE | DE | UT | Hartl | 6 | 1230 |
| 6.51 | Unternehmensführung | Corporate Governance | summer | 5 | optional | DE | DE | UF | Pütz | 6 | 2040 |
| 6.52 | Werkstoffkunde I | Materials Science I | winter | 5 | obligatory | DE | DE | WK I | Krug | 3 | 1210 |
| 6.53 | Werkstoffkunde II | Materials Science II | winter | 5 | optional | DE | DE | WK II | Krug | 5 | 3020 |
| 6.54 | Wirtschaftsrecht | Business Law | winter | 5 | optional | DE | DE | WR | Beden | 5 | 2080 |