

## Course list for students in Tsinghua-Aachen Double Degree

### Program at IE Department

This course list is applicable to the German students enrolled in the Tsinghua-Aachen Double Master Degree Program after 2016-2017 Autumn Semester. The German students, who enrolled this program before that time, can adopt this curriculum after obtaining the approval of the IE Department.

#### 3.1 Required Courses (6 credits)

Course	Course ID	Credits	Exam /Inspection	Semster	Venue
● Elementary Chinese <sup>1</sup>	60610162	2	Exam	Autumn/Sp ring	Tsinghua
● Chinese Culture and Society <sup>2</sup>	60610082	2	Exam	Autumn/Sp ring	Tsinghua
● Academic activities	69990031	1	Inspection		Tsinghua
● Literature review and opening report for the small thesis	69990021	1	Inspection		Tsinghua

#### 3.2 General Courses (6 credits)

Course	Course ID	Credits	Exam /Inspection	Semster	Venue
● Manufacturing Technology I	70120223	3	Exam	Autumn	Tsinghua/Aa chen
● Production Management I	70160033	3	Exam	Autumn	Tsinghua/Aa chen

#### 3.3 Elective Courses for Industrial Engineering (15 credits)

Course	Course ID	Credits	Exam /Inspection	Semster	Venue
● Ergonomics (RWTH title: Industrial Engineering and Ergonomics)	70160613	3	Exam	Autumn	Tsinghua / Aachen
● Introduction to Decision Making	70160513	3	Exam	Autumn	Tsinghua
● Logistics and Supply Chain Management	80160223	3	Exam	Spring	Tsinghua

<sup>1</sup> The student can apply for exemption of the course on condition that one of the corresponding requirements in the students' handbook is satisfied, refer to Page 93;

<sup>2</sup> This course can be replaced by the courses from the same group in the student's handbook, refer to Page 93;

● Quality Engineering	70160023	3	Exam	Autumn	Tsinghua/Aachen
● Production Metrology		3	Exam		Aachen
● Manufacturing Technology II	80120723	3	Exam	Spring	Tsinghua/Aachen
● Industrial Logistics		3	Exam		Aachen
● Production Management II		3	Exam		Aachen
● Engineering and Technology Management	80160363	3	Exam	Spring	Tsinghua
● Systematic Product Design and Development	80160283	3	Exam	Autumn	Tsinghua
● Enterprise Information and Integration	80160033	3	Exam	Spring	Tsinghua
● Manufacturing in China	80160423	3	Exam	Spring	Tsinghua
● China study: industry, society & culture	80160433	3	Inspection	Spring	Tsinghua
● Quantitative analysis	80160393	3	Exam	Autumn	Tsinghua
● Mechatronics and Control Techniques of Production Plants		3	Exam		Aachen