

Information for companies

Interdisciplinary programs
in the field of logistics and supply chain and operations management

05.01.2023

Logistics team

Faculty of Business, Economics and Law
Faculty of Automotive Systems and Production

E: logistikbereich@th-koeln.de

Seite 1

A look back: The old Cologne Commercial College from 1901

The Cologne Commercial College –

founded in 1901, building from 1907, forerunner of the TH Cologne and the University of Cologne

The cornerstone for the fruitful development of German business administration as an applied science was laid here in this building with Eugen Schmalenbach, who created business administration as an “art course”.





TH Köln - The largest University of Applied Sciences in Germany



**Technology
Arts Sciences
TH Köln**
1971–2021

Established in 1971 as „**Fachhochschule Köln**“, since 09/2015 as „Technische Hochschule Köln“ – short form: TH Köln

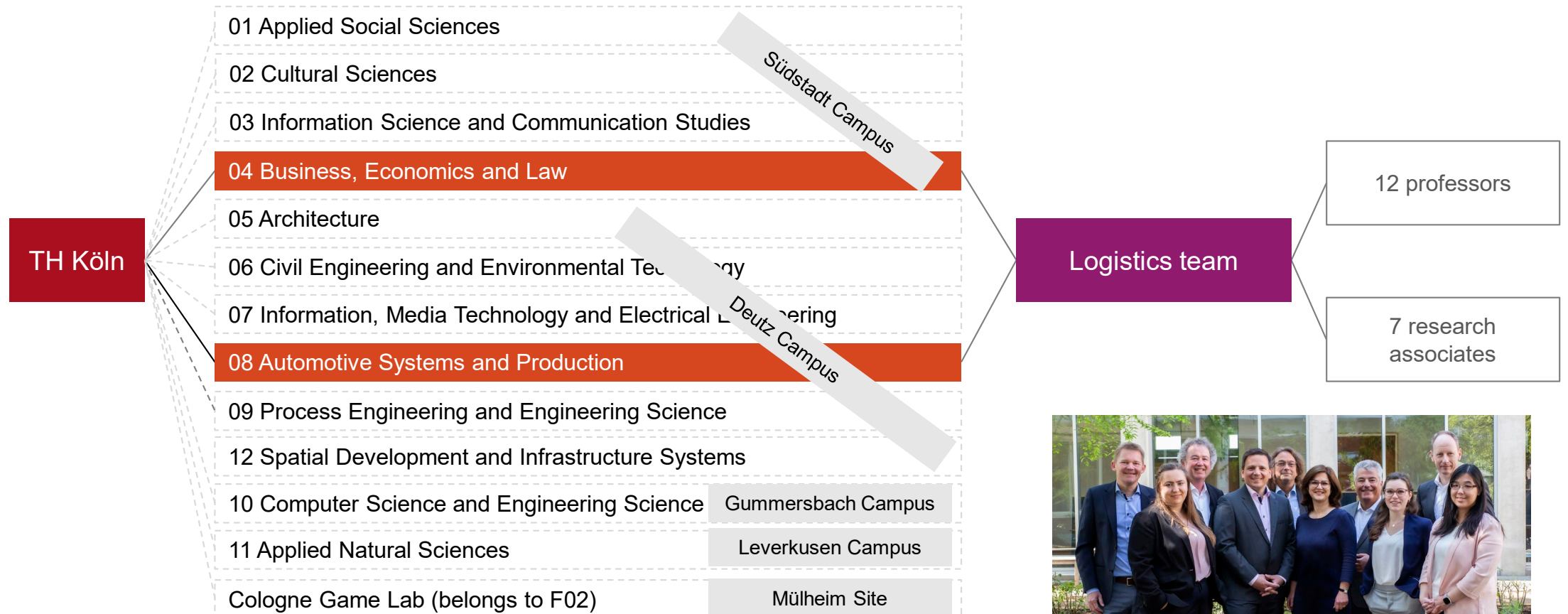
6 locations,
Cologne-Südstadt,
Cologne-Deutz,
Cologne-Mülheim,
Cologne-Kalk,
Gummersbach,
Leverkusen

12 faculties,
subdivided in
48 institutes

More than
**100 degree
programs**

More than **25.000
students**, including
4.400 foreign
students

The supply chain expertise of the faculties 04 and 08 is clustered in a logistics team



Who we are - The logistics team at TH Köln



**Prof. Dr.
Helmut Abels**



**Prof. Dr.
Michael Lorth**



Lars Harkemper, M.Sc.



**Prof. Dr.
Zelal Ates**



**Prof. Dr.
Hartmut Reinhard**



Martin Klein, B.Sc.



**Prof. Dr.
Stephan Freichel**



**Prof. Dr.
Helmut Schulte Herbrüggen**



Anni Jieying Luu, M.Sc.



**Prof. Dr.
Kathrin Hesse**



**Prof. Dr.
Tom Tiltmann**



Marc Petrovic, Dipl.-Ing. (FH)



**Prof. Dr.
Marc Kastner**



**Prof. Dr.
Franz Josef Weiper**



Pia Rütten, M.Sc.



**Prof. Dr.
Thomas Krupp**



**Prof. Dr.
Sebastian C. Zoller**



Andrea Vialaneix, B.Sc.



Anke Vollmer, M.A.



University prize for freight transport and logistics for the logistics department of the TH Köln

In December 2020, the interdisciplinary logistics team at TH Köln was awarded with the University Prize for Goods Transport and Logistics by the *Federal Ministry of Transport and Digital Infrastructure*. The prize honors outstanding courses and the motto for 2020 was "Artificial Intelligence in Logistics".

https://www.th-koeln.de/hochschule/hochschulpreis-gueterverkehr-und-logistik-fuer-die-th-koeln_80130.php

05.01.2023

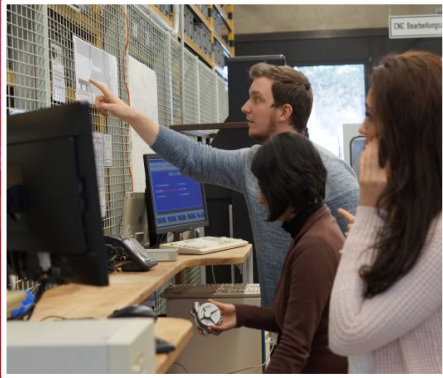
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Seite 6

Technology
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TH Köln

The logistics team manages two programs ...



Bachelor's program
Logistics



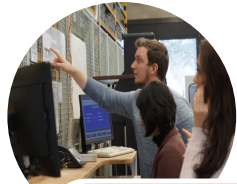
Logistics team



Master's program
**Supply Chain and
Operations Management**

... and is in constant exchange with the industry.

The degree programs at a glance



Bachelor's program Logistics

**High
practice orientation**
through

- an internship semester,
- a practical project,
- the bachelor's thesis should preferably be written in cooperation with a company ,
- inclusion of companies in teaching

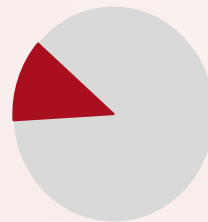
*"I forget what I was taught.
I only remember what I
have learnt."*

Patrick White (1915)

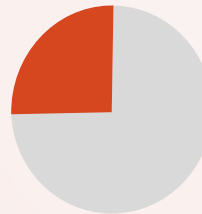
Internationality through

- logistics-oriented foreign language courses (Bachelor)
- courses in English (Bachelor and Master)
- admission requirement level B2 in English (Master)

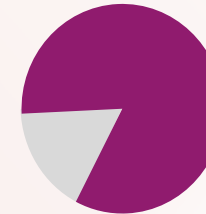
Learning effects of teaching methods



Listening
(10%)



Seeing
(25%)



Experiencing
(80%)

by focusing on the expertise

Modern didactic
teaching methods

Importance of soft skills

Master's program

Supply Chain and Operations Management



**High
research orientation**
through

- pro-seminar research methods,
- a research project,
- the master's thesis deals with a current research question and examines it based on scientific standards (also possible in cooperation with a company),
- inclusion of companies in teaching

The Bachelor's degree Logistics

An interdisciplinary course of the Faculty of Business, Economics and Law and the Faculty of Automotive Systems and Production

The bachelor's program integrates current and „timeless“ contents on logistics and supply chain management

Degree

*Bachelor of
Science
(B. Sc.)*

Start of the
program

*Each
winter
semester*

Admission
number
of students

*60
students*

Program
duration

*7 semester
with internship
semester*

Credit-
Poins

*210
Credit Points*

Language of
instruction

German

Type of
program

*Full-time
program and
on-site
instruction*

The Master's degree Supply Chain and Operations Management

An interdisciplinary course of the Faculty of Business, Economics and Law
and the Faculty of Automotive Systems and Production

Based on the relevant previous knowledge, the professional and methodical competence is intensified and extended in the Master's program

Degree

*Master of
Science
(M. Sc.)*

Start of the
program

*Each
summer
semester*

Admission
number
of students

*30
students*

Program
duration

*3
semester*

Credit-
Points

*90
Credit Points*

Language of
instruction

*German and
English*

Type of
program

*Full-time
program and
on-site
instruction*

Cooperation opportunities



**Guest lectures,
case studies**



Excursions



Practical projects



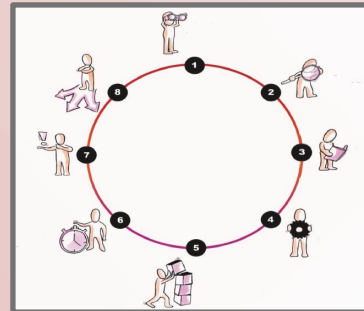
**Bachelor's or
Master's thesis**



Internships



Student workers



Research projects



**Topic evenings,
symposiums,
conferences**

Cooperation can be realized on a case-by-case basis or based on a long-term agreement.

Cooperation opportunities - descriptions

Practical projects

Realization of a practice-oriented task within a team

Result: written documentation (10 – 15 pages per participant) + presentation

Scope: 12 ECTS per participant (approx. 360 h per participant)

Group size: 2 – 4 students

Duration: max. 6 months

Internship

Skills, that are acquired at university, can be reflected and applied in a company.

Result: internship report (min. 20 pages)

Extent: 30 ECTS

Duration: 22 weeks

Topic evenings, symposiums, conferences

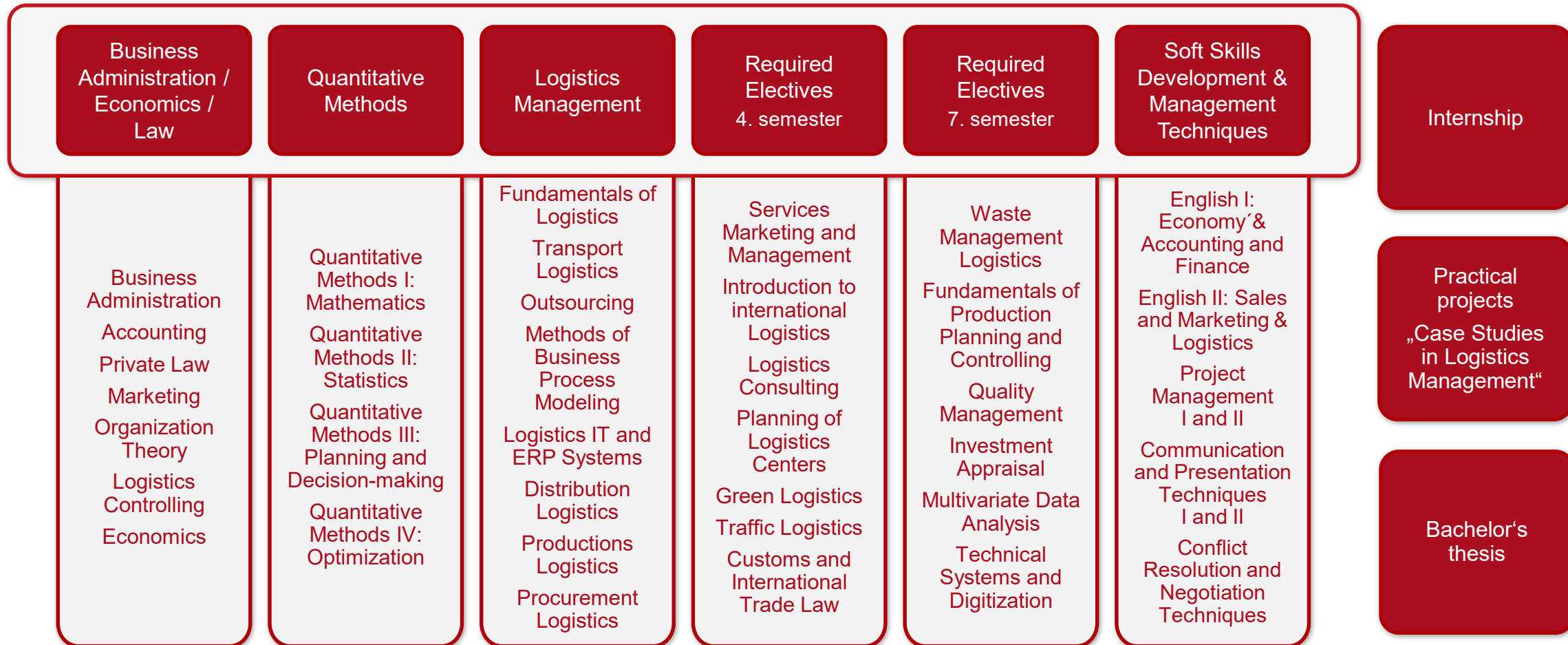
Subject-specific and personal exchange between science, economy, chambers, organizations and municipalities

For example: **VISION.LOGISTIK.** in cooperation with the „Cologne Chamber of Commerce and Industry“ (IHK zu Köln) and the expert advice by „HERZIG Marketing Kommunikation GmbH“

<http://www.vision-logistik.de/>

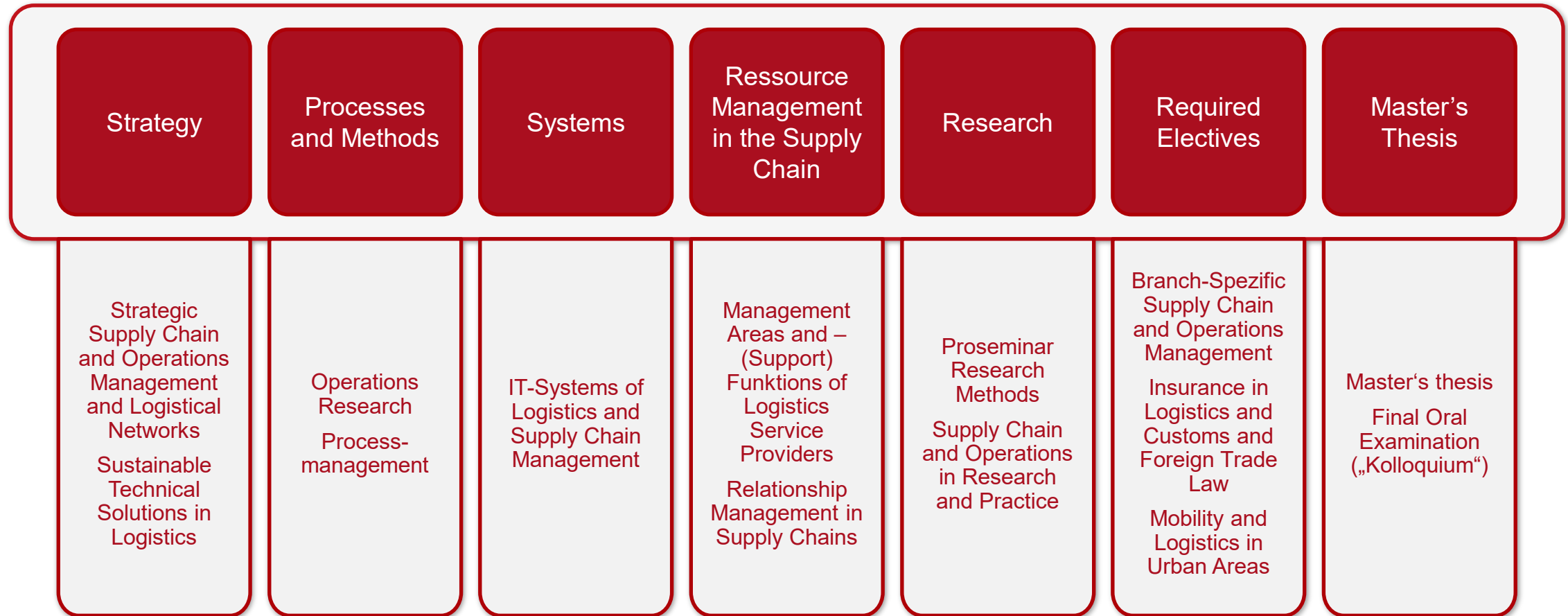
Bachelor's curriculum (PO2)

Logistics B.Sc.



Master's Curriculum

Supply Chain and Operations Management M.Sc.



Cooperation opportunities - timetable

	2023												2024												2025											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
Guest lectures/ Case Studies			4 - 6							6 - 9				4 - 6						6 - 9				4 - 6												
			2. u. 4. Sem							1.,3.,5. u. 7.				2. u. 4. Sem						1.,3.,5. u. 7.				2. u. 4. Sem												
Excursions			3 - 6							3 - 6				3 - 6						3 - 6				3 - 6												
			2. u. 4. Sem							1.,3.,5. u. 7.				2. u. 4. Sem						1.,3.,5. u. 7.				2. u. 4. Sem												
Practise projects (max. 6 months)										15 projects												15 projects												30 projects		
										5. Sem												5. Sem												5. Sem		
Bachelor thesis (max. 13 weeks)										60 theses												60 theses												60 theses		
										7. Sem												7. Sem												7. Sem		
Internship (22 weeks)			60 places											60 places													60 places									
			6. Sem											6. Sem													6. Sem									
Master thesis (max. 5 months)			30 theses											30 theses													30 theses									
			(3. Sem)											(3. Sem)													(3. Sem)									
Student workers																																				
Topic evenings/ Symposiums/ Conferences																																				
Research projects																																				

Legend:	
	Intended period in the curriculum
	Optional/individual agreement
e.g. 2 - 3	amount (expected)

Thank you for your
attention and your interest
in the field of logistics at
TH Köln.



Questions?
Contact us.



05.01.2023

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**Fakultät für
Wirtschafts- und
Rechtswissenschaften**

**Technology
Arts Sciences
TH Köln**

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