

**Universität zu Köln**  
Supply Chain Management

# **Master Business Administration – Supply Chain Management**

Master-Begrüßung, 06.10.2016

# AGENDA

- Supply Chain Management an der Universität zu Köln  
Supply Chain Management at the University of Cologne
  
- Welche Themen werden behandelt?  
Which topics are covered?
  
- Welche Vorlesungen und Seminare werden angeboten?  
Which lectures and seminars are offered?
  
- Welche internationalen Programme werden angeboten?  
What kinds of international programs are offered?
  
- In welchen Berufsfeldern werde Jobs angeboten?  
What jobs are available?
  
- Welche Voraussetzungen müssen erfüllt werden?  
What are the prerequisites?
  
- Weitere Informationen ...  
And if you should have any questions ...

# SCM AN DER UNIVERSITÄT ZU KÖLN

## SCM AT UNIVERSITY OF COLOGNE

- 280 Master Studierende in sechs Areas / Master students in six areas  
Areas: SCM, Accounting and Taxation, Corporate Development, Finance, Marketing,  
Media and Technology Management
  - + Gesundheitsökonomie
- + Information Systems
- + CEMS-MIM
  
- SCM
  - 50 Studierende pro Studienjahr / Students per year
  - 5 Senior Faculty (Full Professors / Acad. Dir.)
  - 12 Junior-Faculty / Visiting Lecturers
  - 17 wissenschaftliche Mitarbeiter / scientific staff

Seit 2008 sehr erfolgreiche Master-Ausbildung im Bereich SCM /  
Since 2008 highly successful SCM Master-Program

# SCM AN DER UNIVERSITÄT ZU KÖLN

## SCM AT UNIVERSITY OF COLOGNE

- Besonderheiten der AREA

- Differentiating factors

- Größte SCM-AREA in Deutschland  
Largest SCM-department in Germany
    - Herausragendes Austauschprogramm  
Excellent international exchange program  
(Double Degree, STAP...)
    - Viele Veranstaltungen in englischer Sprache  
Majority of program in English
    - Breites Fächerangebot  
Broad coverage  
(Strategy, controlling, planning, operations, execution, optimization, ...)
    - Große und exzellente Fakultät (Angebot an Minor-Bereichen)  
Excellent faculty (different Minor)
    - Enge Zusammenarbeit mit der Industrie  
Close interaction with industry
    - Interaktives Lernen in kleinen Arbeitsgruppen  
Interactive learning environment with small classes
    - Universität zu Köln ist Exzellenzuniversität  
UoC is Excellence University

# TEAM (SENIOR FACULTY)



**Prof. Dr. Dr. Werner Delfmann**  
Business Policy and Logistics



**Prof. Dr. Fabian Sting**  
Operations Strategy & Innovation



**Prof. Dr. Horst Tempelmeier**  
Supply Chain Management & Production  
(Chairman, Prüfungsausschüsse)



**Prof. Dr. Ulrich Thonemann**  
Supply Chain Management & Management Science  
(Vicedean, Managing Director of the Business School of the University of Cologne)



**Akad. Dir. Dr. Johannes Antweiler**  
Supply Chain Management &  
Production  
(Academic Program Director (Master BA), Managing Director WiSo-Anrechnungszentrum)

# TEAM (JUNIOR-FACULTY)



**Dr. Michael Becker-Peth**  
Behavioral Operations



**Dr. Ni Fang**  
Operations Strategy and Innovation



**Jun.-Prof. Dr. Andreas Fügener**  
Supply Chain Management &  
Management Science



**AR Dr. Timo Hilger**  
Supply Chain Management &  
Production



**Jun.-Prof. Dr. Margarita  
Protopappa-Sieke**  
Supply Chain Finance



**Jun.-Prof. Dr. Anna-Lena Sachs**  
Logistics and  
Operations Management



**Jun.-Prof. Dr. Yingshuai Zhao**  
Supply Chain Management &  
Management Science

# TEAM (LEHRBEAUFTRAGTE/VISITING LECTURERS)



**Prof. Dr. Elisabeth Fröhlich-Glatschnig**  
Supply Management



**Prof. Dr. Sascha Albers**  
Business Policy and Logistics



**Prof. Dr.-Ing. Knut Alicke**  
McKinsey & Company



**Prof. Dr. Markus Reihlen**  
Business Policy and Logistics



**Dr. Thomas Maindl**  
Consulting  
SAP APO

# TEAM (WISSENSCHAFTLICHE MITARBEITER/INNEN / SCIENTIFIC STAFF )



**Stefanie  
Dorn**



**Christiane  
Haubitz**



**Jan Philipp  
Harmes**



**Thilo  
Heyer**



**Simon  
Höller**



**Michael  
Kirste**



**Simon  
Krapp**



**Julia  
Mindlina**



**Lisa  
Scheele**



**Tobias  
Mandt**



**Daniel  
Piersing**



**Christian  
Rählmann**



**Tobias  
Stangl**



**Paul  
Schneider**



**Simon von  
Danwitz**

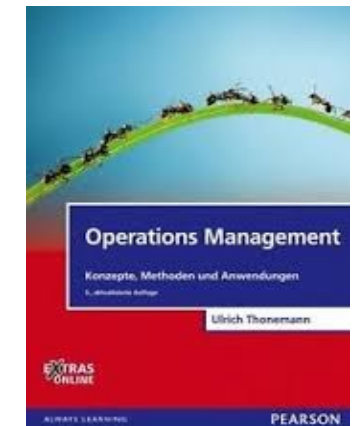
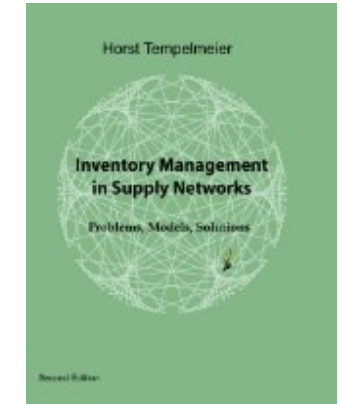
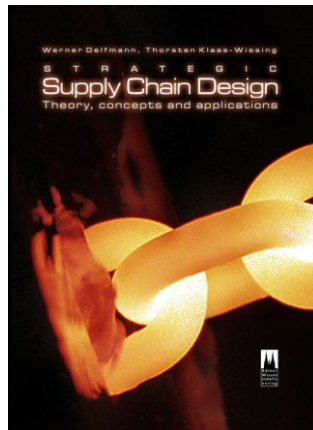
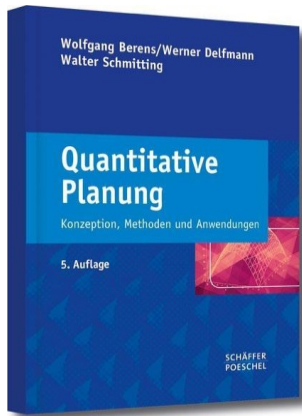


**Michael A.  
Völkel**



**Felix  
Wagener**





# INDUSTRIEPARTNER (Auswahl) CORPORATE PARTNERS



THE BOSTON CONSULTING GROUP



BOSCH AND SIEMENS HOME APPLIANCES GROUP



Intelligently Designed Processes AG



# SUPPLY CHAIN MASTER CHALLENGE

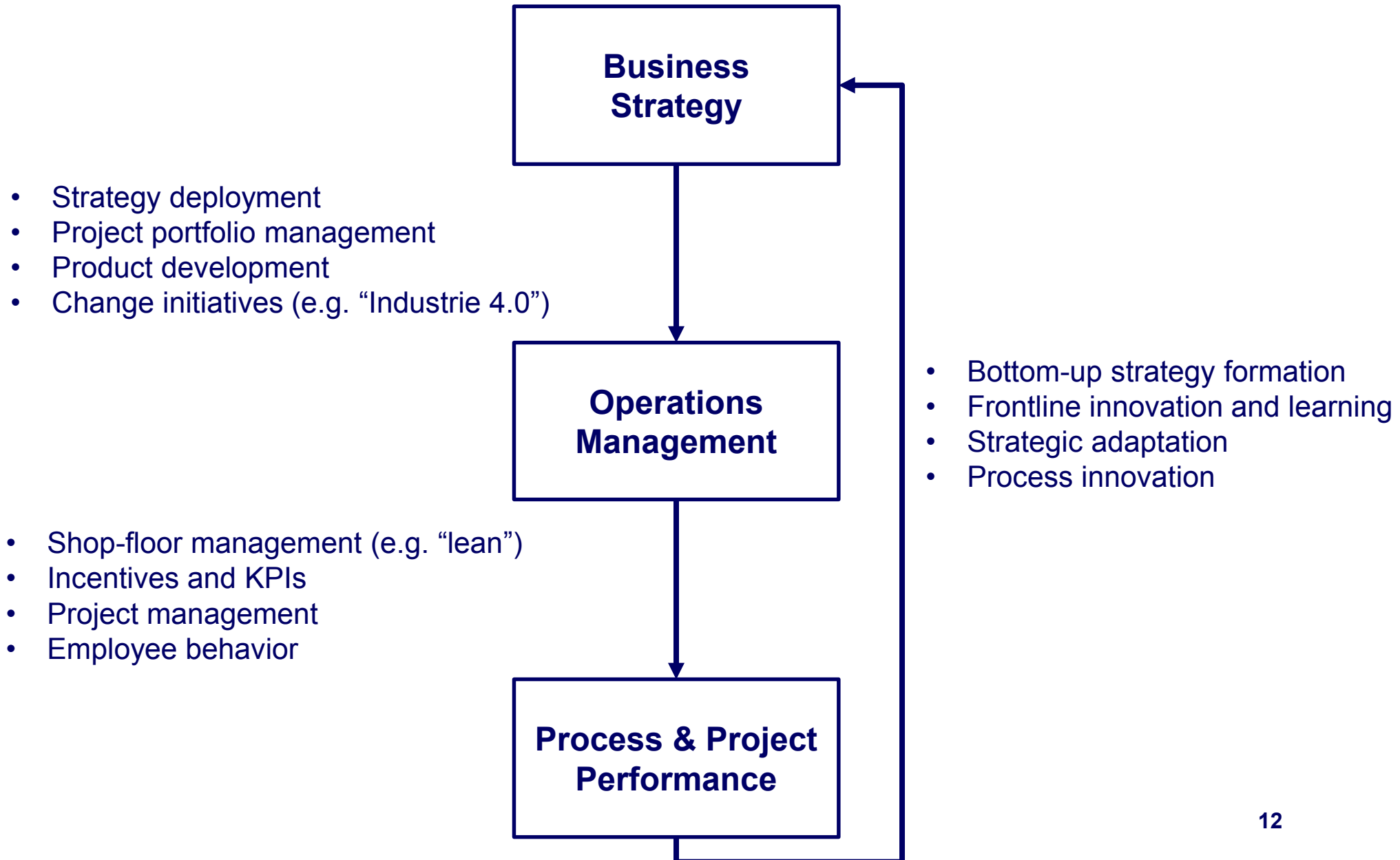
## Supply Chain Masters Challenge 2009



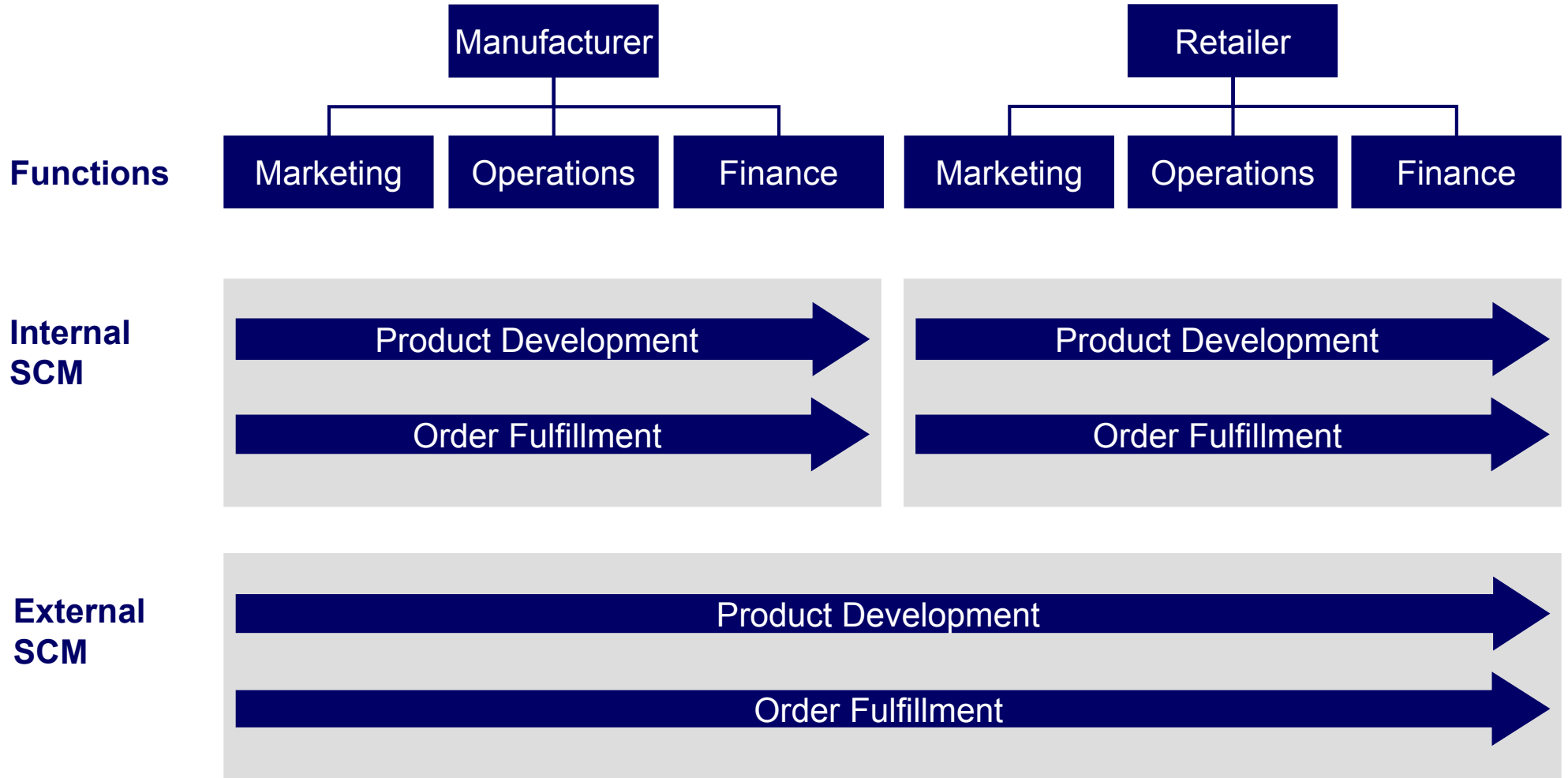
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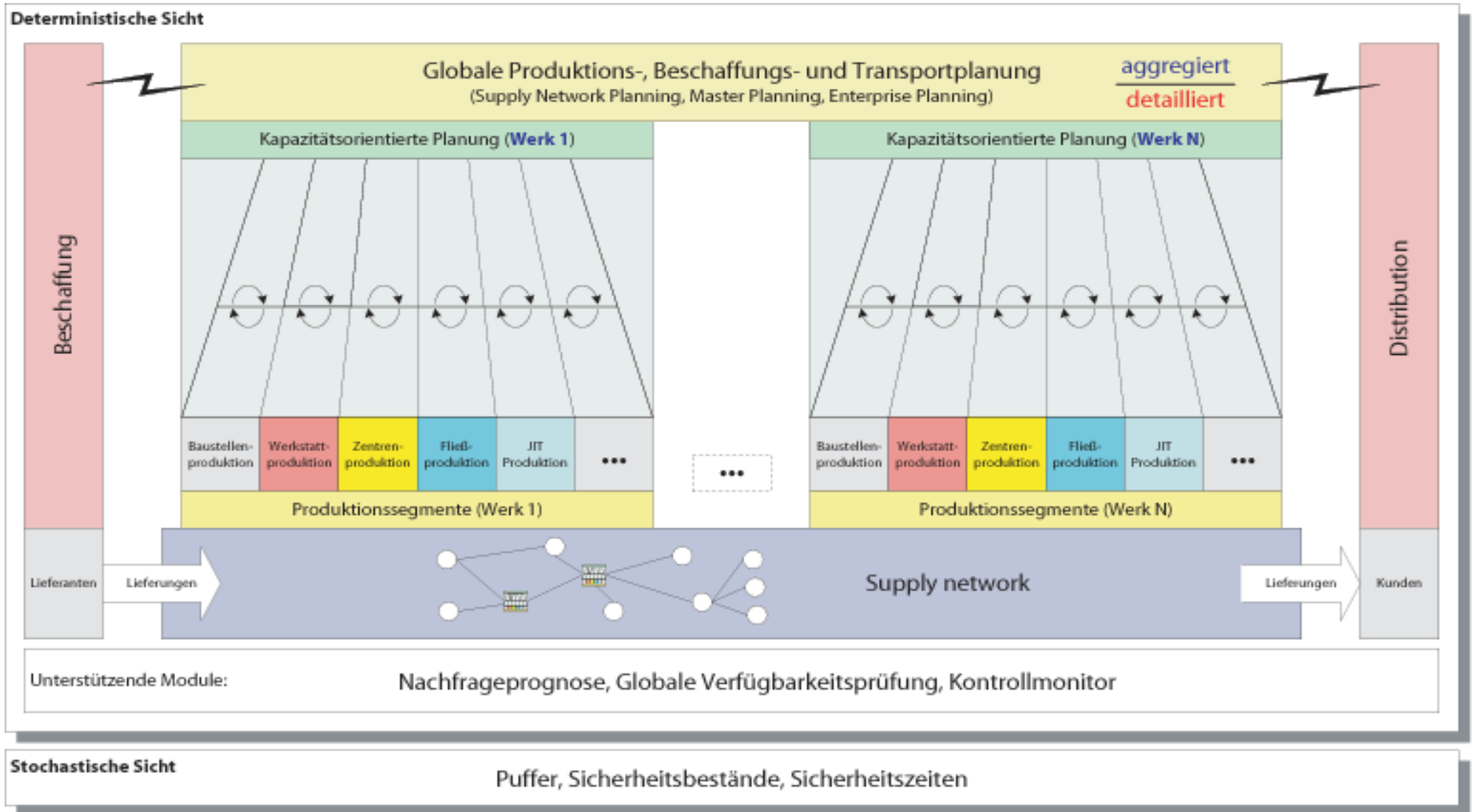
# SUPPLY CHAIN MANAGEMENT



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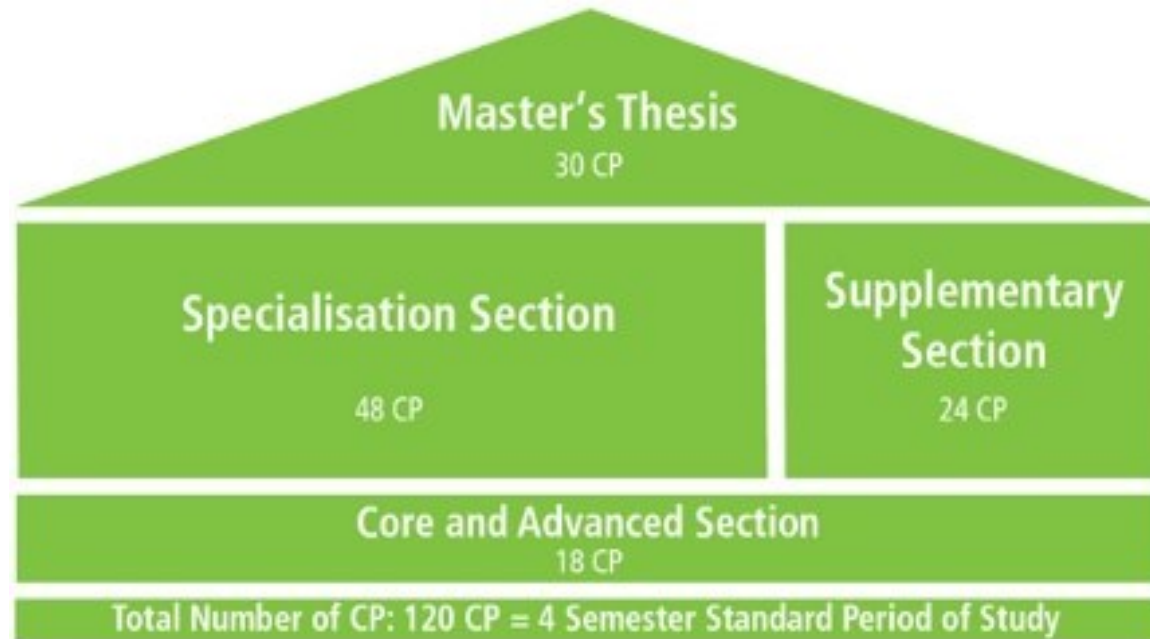


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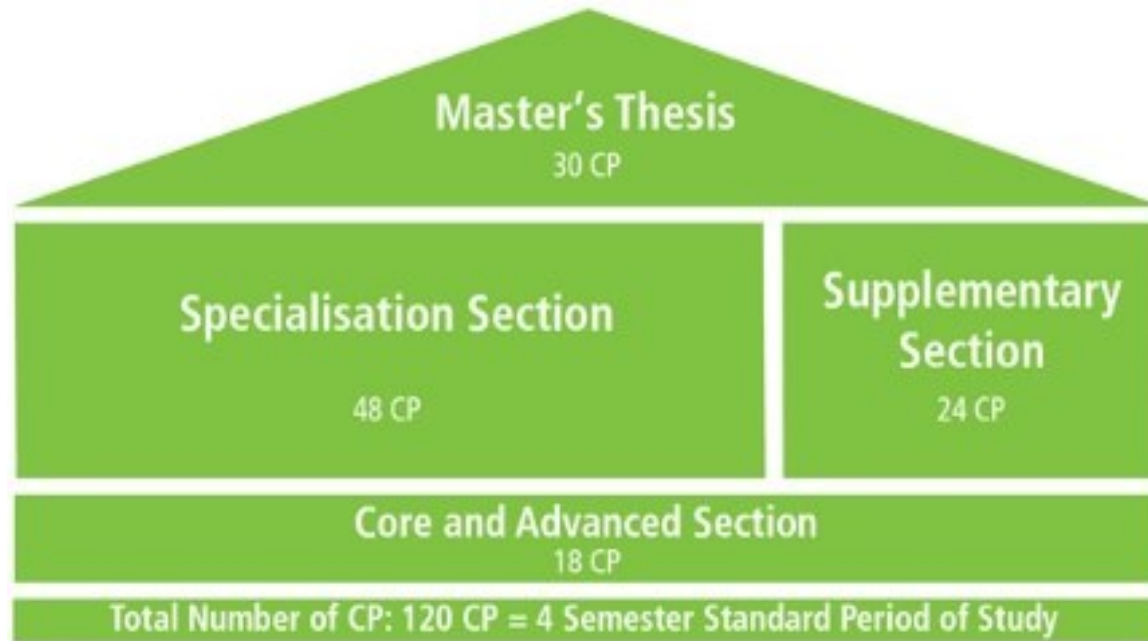
# STUDIENPROGRAMM (INSGESAMT 120 KREDITPUNKTE) PROGRAM STRUCTURE (TOTAL OF 120 CREDITS REQUIRED)



## Find important information and documents

- **Download** the M.Sc. Business Administration – Supply Chain Management **Module Catalogue** at: <https://www.wiso.uni-koeln.de/en/studies/downloads/master/master-po-2015/>
- Contact the **WiSo Student Service** at <https://www.wiso.uni-koeln.de/en/studies/guidance/wiso-student-service/> or the **WiSo Programme Management**
- Contact the involved departments for detailed information on the individual courses

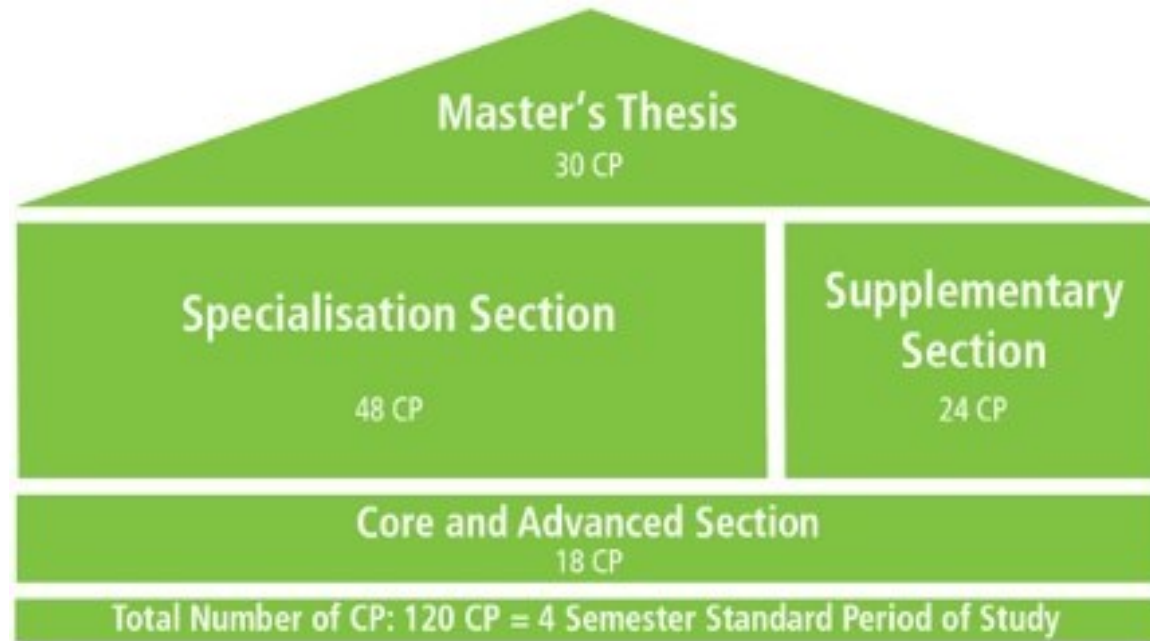
# STUDIENPROGRAMM (INSGESAMT 120 KREDITPUNKTE) PROGRAM STRUCTURE (TOTAL OF 120 CREDITS REQUIRED)



## Curriculum and module description: General information

- The Master in Business Administration programme comprises 120 CP
- Lasts four terms as the standard period of study
- Consists of the 4 categories:
  - Core and Advanced Section (18 CP)
  - Specialization Section (48 CP)
  - Supplementary Section (24 CP)
  - Master's Thesis (30 CP)
- Categories are subdivided into modules and can consist of lectures, exercises, tutorials (see master catalogue)

# STUDIENPROGRAMM (INSGESAMT 120 KREDITPUNKTE) PROGRAM STRUCTURE (TOTAL OF 120 CREDITS REQUIRED)



## Curriculum and module description: Core and Advanced Section (18 CP)

- Obligatory management skill course (6 CP)
- hand tailored modules to provide you SCM Methods, like Optimization & Simulation

# STUDIENPROGRAMM (INSGESAMT 120 KREDITPUNKTE) PROGRAM STRUCTURE (TOTAL OF 120 CREDITS REQUIRED)

## Basis- und Aufbaubereich/Core and Advanced Section (18 Credits points)

|                            |                       |                  |                |                              |                                      |
|----------------------------|-----------------------|------------------|----------------|------------------------------|--------------------------------------|
| <b>SCM Methods</b><br>(18) | Management Skills (6) | Optimization (6) | Simulation (6) | Selected Methods for SCM (6) | Econometrics or Economics or ... (6) |
|----------------------------|-----------------------|------------------|----------------|------------------------------|--------------------------------------|

## Schwerpunktbereich /Specialization Section (48 Credits points)

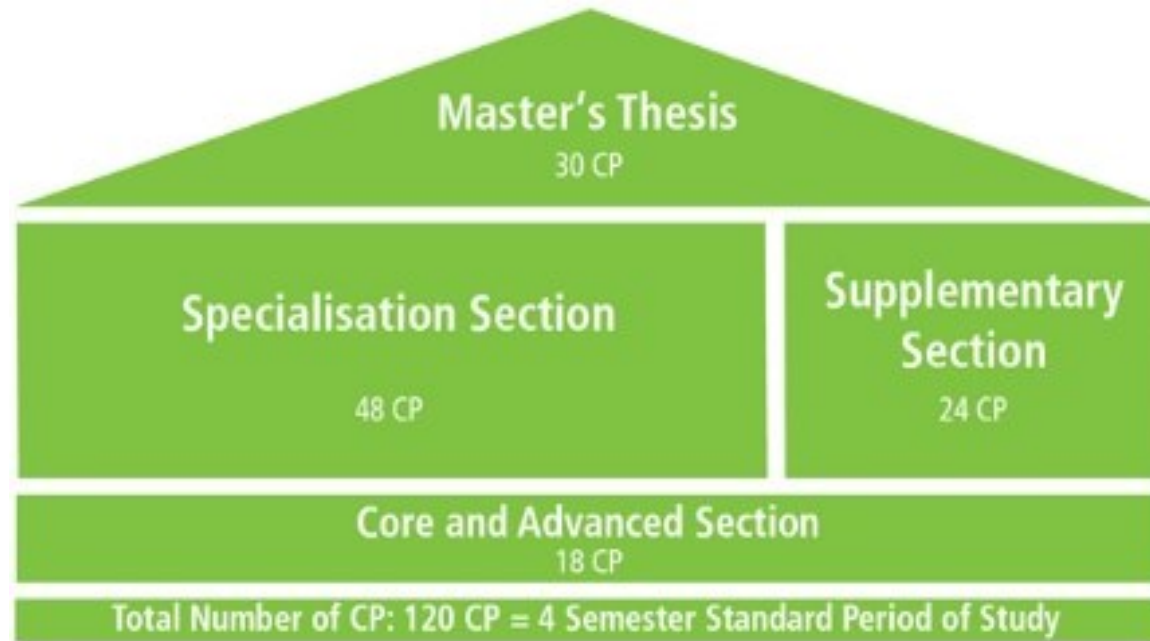
|                                  |                            |                             |                              |                            |                              |                                |                     |
|----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|------------------------------|--------------------------------|---------------------|
| <b>SCM Basics</b><br>(min. 24)   | Supply Chain Strategy (6)  | Logistics Management (6)    | Supply Chain Operations (12) | Production Management (12) |                              |                                |                     |
| <b>SCM Advanced</b><br>(max. 18) | Inventory Management (6)   | Service Management (6)      | Strategic Networks (12)      | SCM Project (12)           | Selected Issues in SCM I (6) | Selected Issues in SCM II (12) | Research in SCM (6) |
| <b>SCM Seminars</b><br>(min. 6)  | Supply Chain Seminar I (6) | Supply Chain Seminar II (6) |                              |                            |                              |                                |                     |

## Ergänzungsbereich/Supplementary Section (4 Kurse/4 courses, 24 credits, wähle 1 aus 9/choose 1 of 9)

- Business Research
- Markets & Institutions
- Controlling
- Energy Economics
- Corporate Development
- Marketing
- Design & Behavior
- Finance
- Studies Abroad

## Masterarbeit/Master Thesis (6 Monate/6 months, 30 Credits)

# STUDIENPROGRAMM (INSGESAMT 120 KREDITPUNKTE) PROGRAM STRUCTURE (TOTAL OF 120 CREDITS REQUIRED)



## Curriculum and module description: Specialization Section (48 CP)

- SCM Basics: min. 24 CP
- SCM Advanced: max. 18 CP
- SCM Seminars: min. 6 CP

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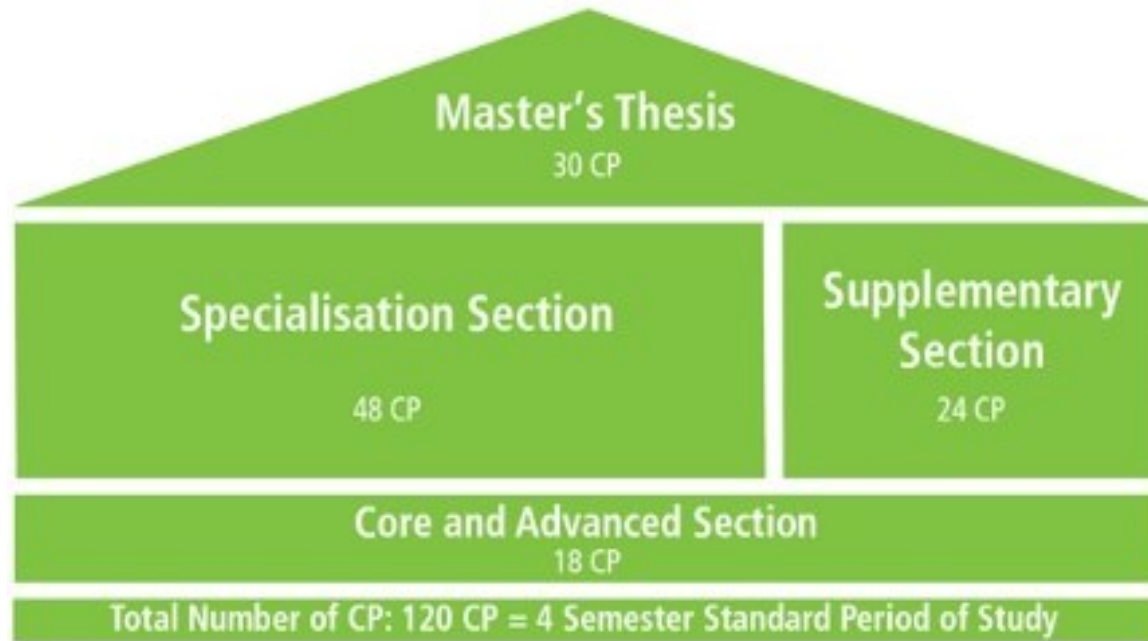
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## Masterarbeit/Master Thesis (6 Monate/6 months, 30 Credits)



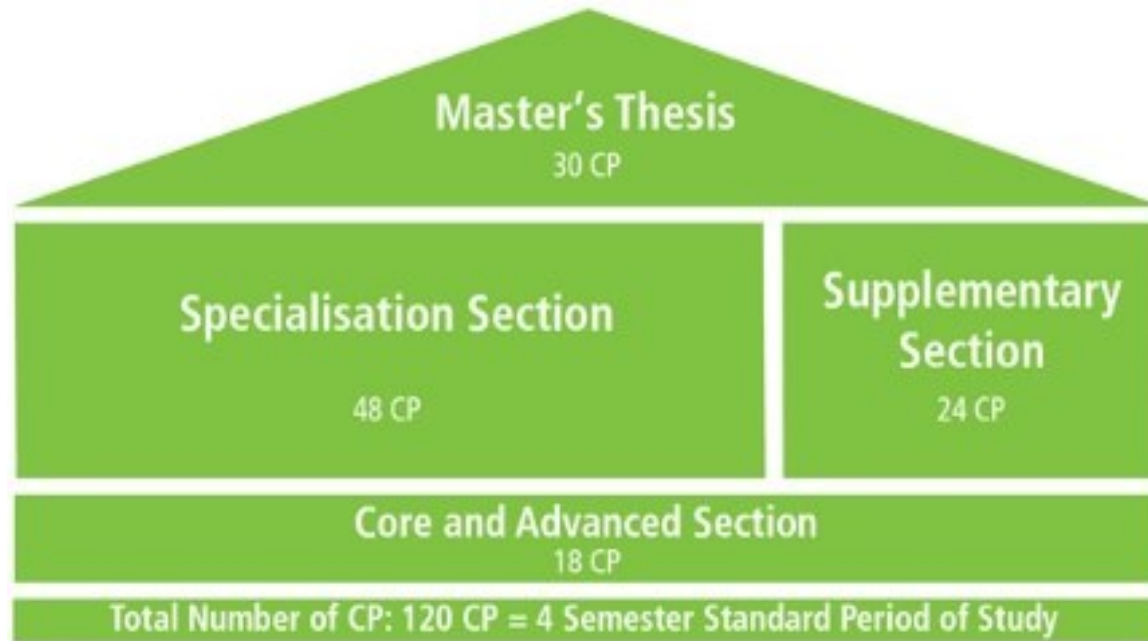
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## Curriculum and module description: Supplementary Section (24 CP)

- you can choose from among a wide range of possibilities in the fields of business administration, economics and social sciences (one out of nine)
  - Business Research
  - Markets & Institutions
  - Controlling
  - Energy Economics
  - Corporate Development
  - Marketing
  - Design & Behavior
  - Finance
  - Studies Abroad

# STUDIENPROGRAMM (INSGESAMT 120 KREDITPUNKTE) PROGRAM STRUCTURE (TOTAL OF 120 CREDITS REQUIRED)



## Curriculum and module description: Master's Thesis (30 CP)

- Topic of the master's thesis must come from the specialization section or from the subject group taken by the candidate in the supplementary section (candidate must already have accumulated 18 CP)
- register to do their master's thesis, students must have accumulated a minimum of 60 CP
- duration: no longer than six months

# DIDAKTISCHER ANSPRUCH/APPROACH

Sage es mir, und ich vergesse es.  
Zeige es mir, und ich erinnere mich.  
Lass es mich tun, und ich behalte es.

What I hear, I forget.  
What I see, I remember.  
What I do, I understand.

*Confucius*



# DIDAKTISCHER ANSPRUCH/APPROACH

## Wie setzen wir das um?/What does this mean for us?

---

- Denken/Think!
  - Probleme lösen, Ergebnisse verfassen und diese während der Veranstaltungen vorstellen/  
Writing and problem solving during lecture!
  - Aufgaben und Case Studies eigenständig lösen!  
Solving problem sets!
  - Lösungen diskutieren!  
Discussing solutions!
  - Aktives Lehren und Lernen!  
Active teaching and learning!
  - Softwareeinsatz/Software use:  
Arena, Lingo, Vensim, AMPL/OPL, Cplex, ...
  - Optimierungsübungen/Optimization Exercises:  
Catapult, Modem, ...
  - Unternehmensbesichtigung/Company visits:  
McKinsey, Bain, BCG, Henkel, Ford, Bayer, ...
-

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# AUSTAUSCHPROGRAMME/INTERNATIONAL PROGRAMS

## Study Abroad Program

### Degrees

- Master of Science of the University of Cologne

### Elements

- One semester at one out of 100 of the leading universities
- Partner universities include most of the CEMS members and many of the PIM members, including
  - Duke University
  - Kelly School of Business
  - Manchester University
  - Stern/New York University
  - Tsinghua Chinaand many more (see ZIB-website)
- Placement rate of > 90 %

### Requirements

- Attractive CV
- Good initial grades in Cologne

## Double Master Program

### Degrees

- Master of Science of the University of Cologne
- Second Master of Science degree

### Elements

- One year studies at University of Cologne
- One year studies at partner university
  - Helsinki
  - Louvain
  - Warsaw
- Extensive international experience

### Requirements

- GMAT of at least 600
- Attractive CV
- Interview

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# TYPISCHE JOBS FÜR ABSOLVENTEN/ TYPICAL JOBS OF SCM-GRADUATES

## Management

- Beratung/Consulting
  - Strategie/Strategic (McKinsey, Bain, BCG, ...)
  - Operational (A.T. Kearney, Camelot, ...)
  - IT (Accenture, BearingPoint, SAP, ...)
- „Vorstandsassistentz“
- Projekt/Project+Produkt/Product Management
  - Automotive (Audi, BMW, Ford, VW, ...)
  - Konsumgüter/Consumer Goods (Henkel, Procter, Zentis, ...)
  - Telekommunikation/Telecommunications (T-Mobile, Vodafone, ...)
  - High Tech (HP, Infineon, ...)

## Funktionen/Functions

- Logistik/Logistics
  - Service Provider (DHL, Lufthansa, UPS, ...)
  - Companies (Amazon, Metro, Tchibo, ...)
- Produktion/Production (Apple, Bosch, Siemens, ...)
- Einkauf/Purchasing (ABB, Porsche, ...)
- „Supply Chain Management“

## Sonstige/Others

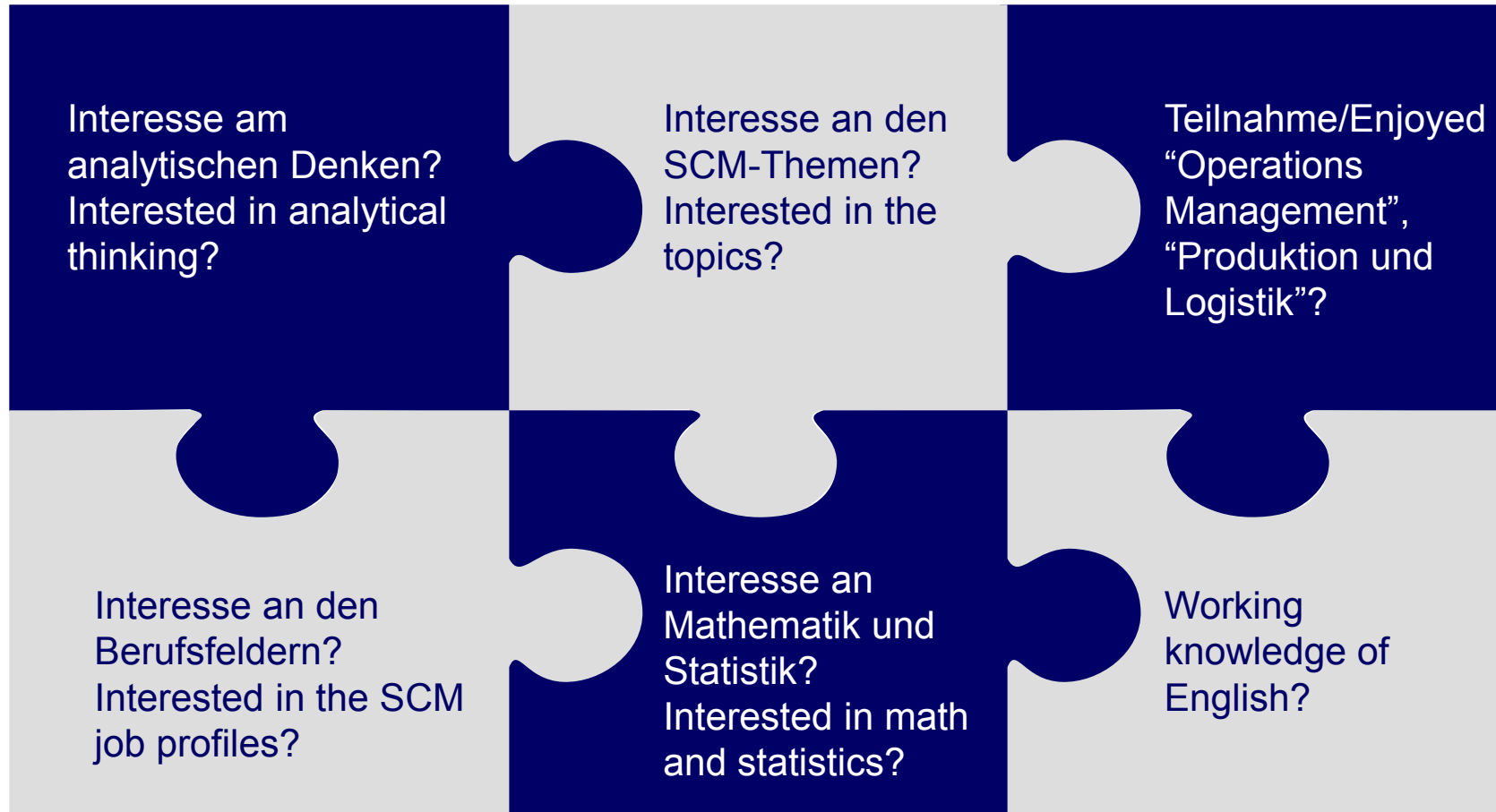
- Start-Ups
- Wissenschaft/Academia



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# VORAUSSETZUNGEN/PREREQUISITES



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## **WEITERE INFORMATIONEN FINDEN SIE .../ FURTHER INFORMATION CAN BE FOUND AT ...**

<https://www.wiso.uni-koeln.de/de/fakultaet/fakultaetsbereiche/supply-chain-management/>

[www.spl.uni-koeln.de](http://www.spl.uni-koeln.de) (Seminar für Unternehmensführung und Logistik)

[www.uni-koeln.de/scmms](http://www.uni-koeln.de/scmms) (Seminar für SCM und Management Science)

[www.scmp.uni-koeln.de](http://www.scmp.uni-koeln.de) (Seminar für SCM und Produktion)

[www.wiso.uni-koeln.de](http://www.wiso.uni-koeln.de) (Seminar für Operations Strategy & Innovation)

<https://www.wiso.uni-koeln.de/en/faculty/managing-board/student-and-career-services> (WiSo Student Service)

# Meet & Greet

**Wir laden Sie zu einem informellen Meet & Greet ein, bei welchem Sie bei „Kölsch“ Kontakt zu Ihren neuen Kommilitonen aufnehmen und sich mit den Lehrenden und Mitarbeitern der Area SCM unterhalten können.**

**Donnerstag, 27. Oktober, 18 Uhr**

**Im Innenhof, gegenüber von Raum 20 im WiSo-Trakt.**

**We invite you to an informal Meet & Greet, where you can socialize over some „Kölsch“ with your new fellow students and have a chat with the faculty and staff of the SCM area.**

**Thursday, October 27 / 6 PM**

**In the inner yard, opposite of room 20 in the WiSo-Trakt.**