

Universität zu Köln
Supply Chain Management

Master Business Administration – Supply Chain Management

Master-Welcome September 20, 2023
Master-Begrüßung 20.09.2023

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

- 250 Master Studierende in Business Administration in fünf Areas /
Master Business Administration students in five areas
Areas: SCM, Accounting and Taxation, Corporate Development, Finance, Marketing
- + Gesundheitsökonomie / Health Economics
- + Information Systems
- + CEMS-MIM

- SCM
 - 50 Studierende pro Studienjahr / Students per year
 - 5 Senior Faculty (Professors / Acad. Dir.)
 - 10 Adjunct-Faculty / Junior-Faculty / Post-Docs / Visiting Lecturers
 - 14 wissenschaftliche MitarbeiterInnen / 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 programs in English
- Breites Fächerangebot
Broad coverage
(Strategy, controlling, planning, operations, execution, optimization, ...)
- Große und exzellente Fakultät (Angebot an Ergänzungs-Bereichen)
Large and excellent faculty (different Minors)
- Enge Zusammenarbeit mit der Industrie
Close interaction with industry
- Interaktives Lernen in kleinen Arbeitsgruppen
Interactive learning environment with small classes
- Universität zu Köln WiSo Teil des Exzellenzclusters
UoC WiSo Faculty part of Excellence Cluster

TEAM (SENIOR FACULTY)



Prof. Dr. Fabian Sting

Supply Chain Management – Strategy and Innovation
Academic Program Director (Master BA - SCM)



Acad. Dir. Dr. Johannes Antweiler

Supply Chain Management & Production
(Managing Director SCM, Program Director (Master BA, Bachelor BWL),
Managing Director WiSo-credit transfer center)



Prof. Dr. Andreas Fügener

Digital Supply Chain Management
Program Director (Bachelor Management, Economics and Social Sciences)



Prof. Dr. Nicolas Fugger

Behavioral Supply Chain Management



Prof. Ulrich Thonemann, PhD

Supply Chain Management & Management Science
(Dean)

TEAM (ADJUNCT/SENIOR FACULTY)



Prof. Dr. Ludwig Kuntz

Health Economics

(Academic Program Director (Master Health Economics), Vice-Rector for Planning and Finance)



Prof. Dr. Daniel Wiesen

Health Economics, Behavioral and Experimental Economics



Prof. em. Dr. Dr. h.c. Werner Delfmann

Business Policy and Logistics



Prof. Dr. Horst Tempelmeier

Supply Chain Management & Production

TEAM (JUNIOR-FACULTY / POST-DOCS)



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



Jun.-Prof. Dr. Henrik Franke
Supply Chain Innovation



Jun.-Prof. Dr. Florian Sachs
Supply Chain Management



Dr. Monika Westphal
Supply Chain Management

TEAM (LEHRBEAUFTRAGTE/VISITING LECTURERS)



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



Dr. Bernhard Düttmann
Abacus eWall

TEAM (WISSENSCHAFTLICHE MITARBEITER*INNEN/SCIENTIFIC STAFF)



**Sabrina
Bonzelet, M.Sc.**



**Dylan Gellert,
M.Sc.**



**Timo Kalmes,
M.Sc.**



**Chantale
Köster, M.Sc.**



**Matthias
Lehmann, M.Sc.**



**Felix Mosner,
M.Sc.**



**Dipl.-Vw. Daniel
Piersing**



**Laura Maria
Poreschack,
M.Sc., M.A.St.**



**Robin Reiners,
M.Sc.**



**Johannes
Schleef, M.Sc.**



**Anne
Schönhofen,
M.Sc.**



**Jeffrey Starck,
M.Sc.**



**Dominik
Walzner, M.Sc.**



Zhi Zhu

ASSISTENZ/ASSISTANTS



**Dipl.-oec.
Stephanie Rauscher**

Für Fragen betreffend/For questions related to:

**Prof. Dr. Ulrich Thonemann
Prof. Dr. Andreas Fügener
Prof. Dr. Nicolas Fugger
AD Dr. Johannes Antweiler
Jun.-Prof. Dr. Yingshuai Zhao
Jun. Prof. Dr. Henrik Franke
Jun.-Prof. Dr. Florian Sachs
Kooperationen
Supply Chain Master Challenge**

Email: stephanie.rauscher@uni-koeln.de

Tel.: 0221 470 7935



Manuela Pioch

Für Fragen betreffend/For questions related to:

**Prof. Dr. Fabian Sting
Jun. Prof. Dr. Henrik Franke**

Email: pioch@wiso.uni-koeln.de

Tel.: 0221 470 5762

Exzellente Forschung mit Praxisbezug Excellent Research with Relevance

**Harvard
Business
Review**



MIT Sloan
Management Review

INNOVATION

How to Overcome the Bias We Have Toward Our Own Ideas

by Fabian J. Sting, Christoph Fuchs, Maik Schlickel, and Oliver Alexy

MAY 14, 2019

Summary Save Share Comment Text Size Print \$5.95 Buy Copies



The Globe



How BMW Is Defusing the Demographic Time Bomb

The German car company has redesigned its factory for—and with—older workers. by Christoph H. Loch, Fabian J. Sting, Nikolaus Bauer, and Helmut Mauermann

from 39 to 47 by 2017. Because older workers tend to call in sick for longer periods and in general must work harder to maintain their output, bearing the full brunt of

INDUSTRIEPARTNER (Auswahl) CORPORATE PARTNERS



THE BOSTON CONSULTING GROUP



BOSCH AND SIEMENS HOME APPLIANCES GROUP



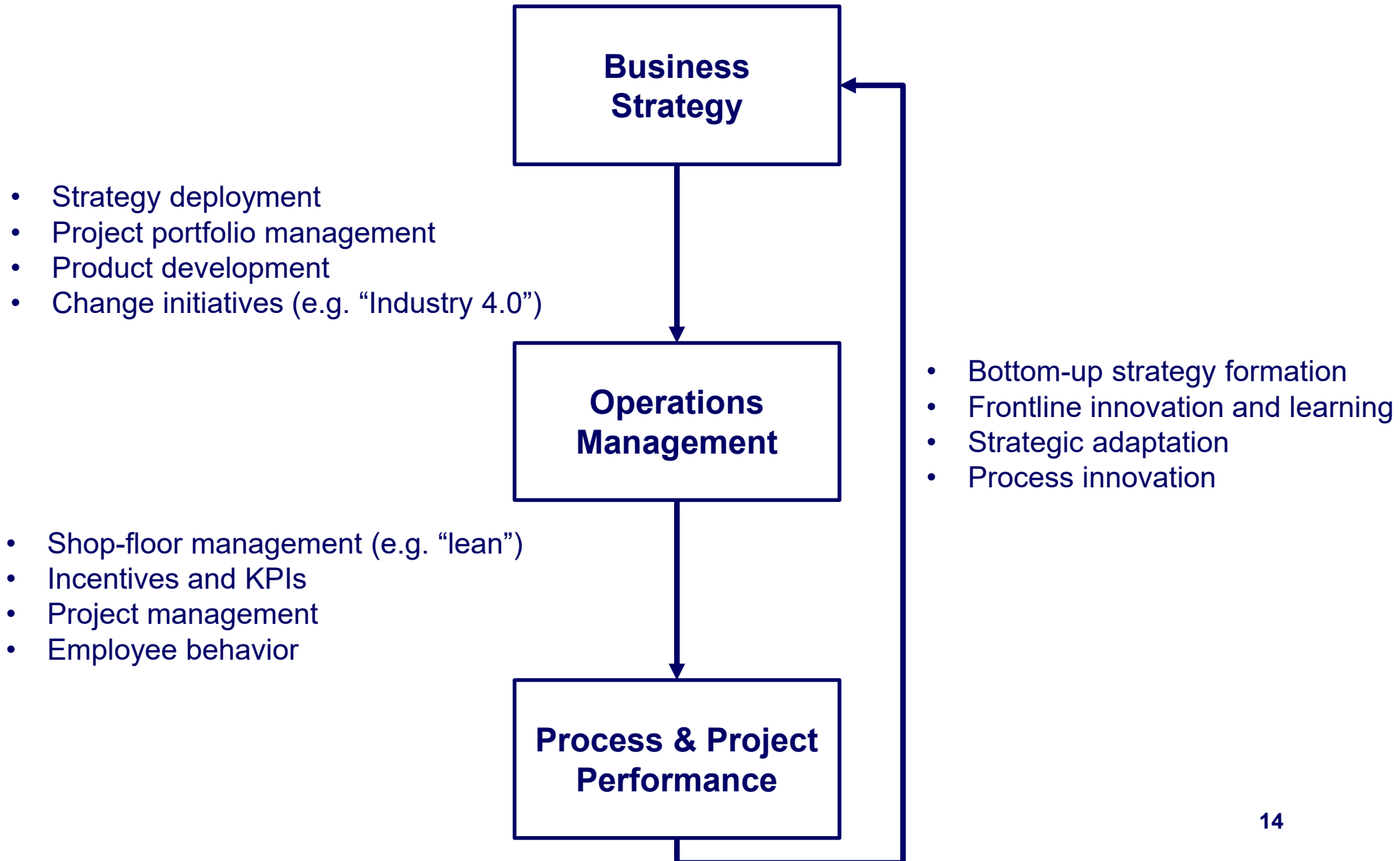
Intelligently Designed Processes AG



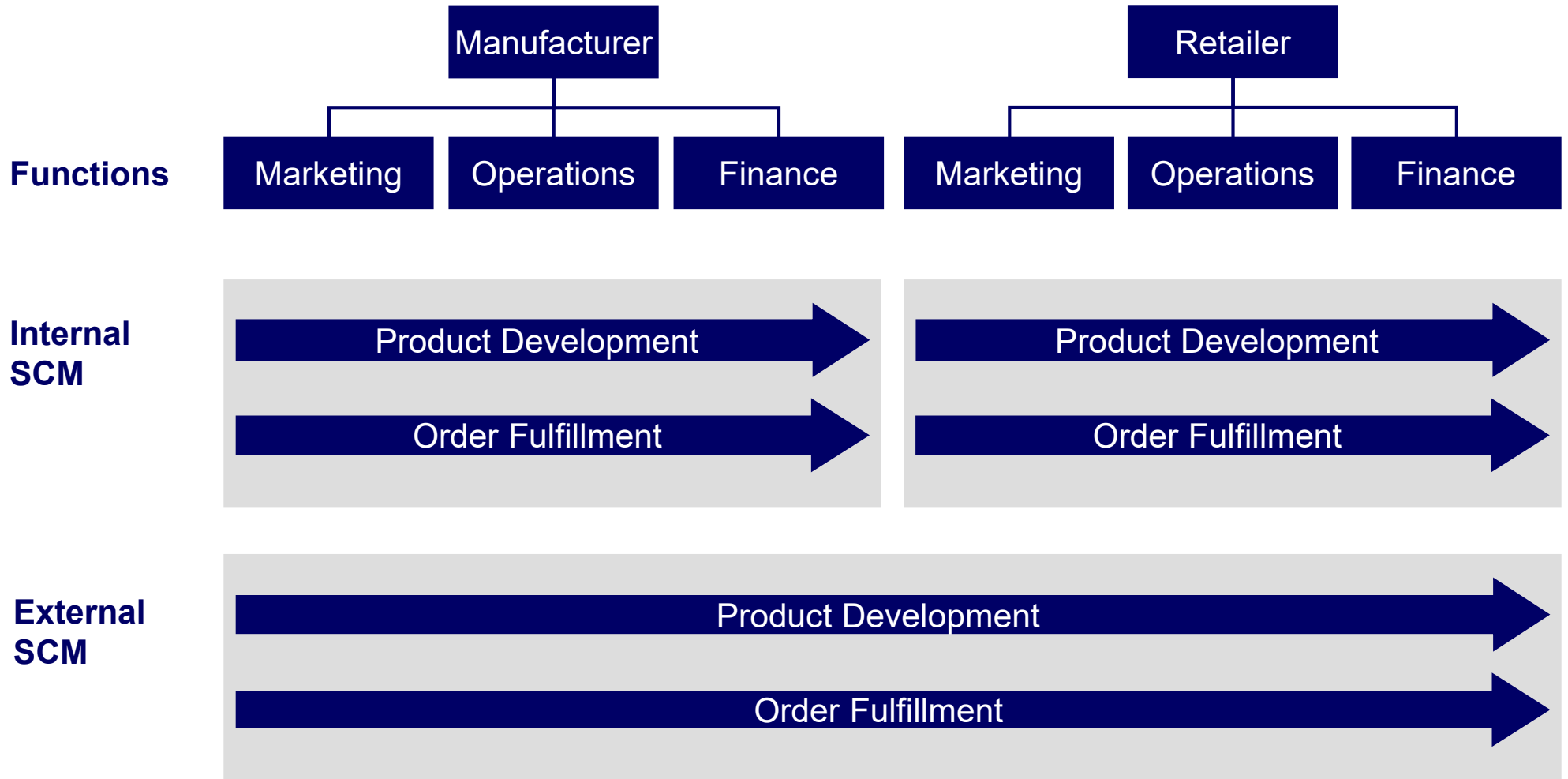
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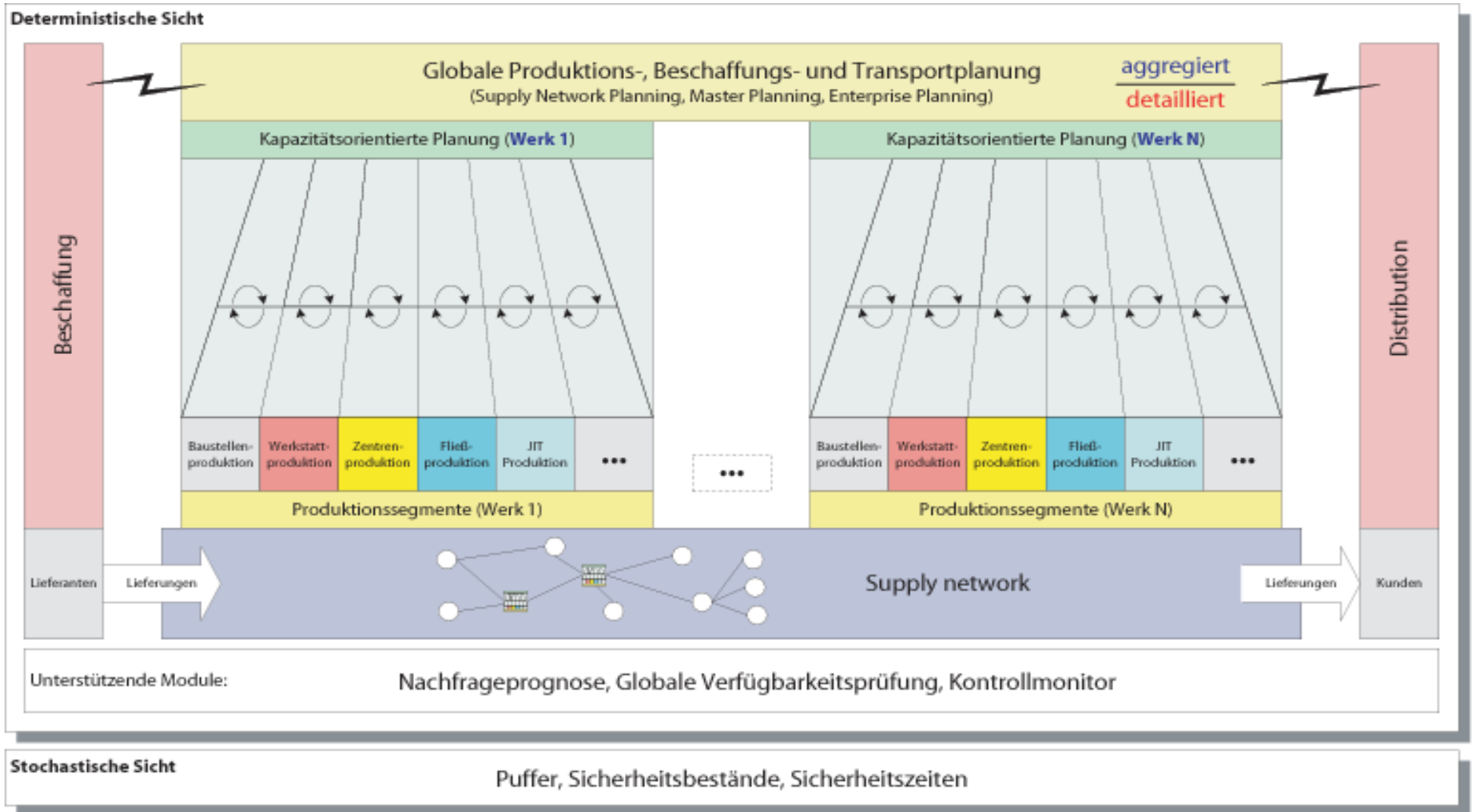
SUPPLY CHAIN MANAGEMENT – STRATEGY AND INNOVATION



SUPPLY CHAIN MANAGEMENT & MANAGEMENT SCIENCE



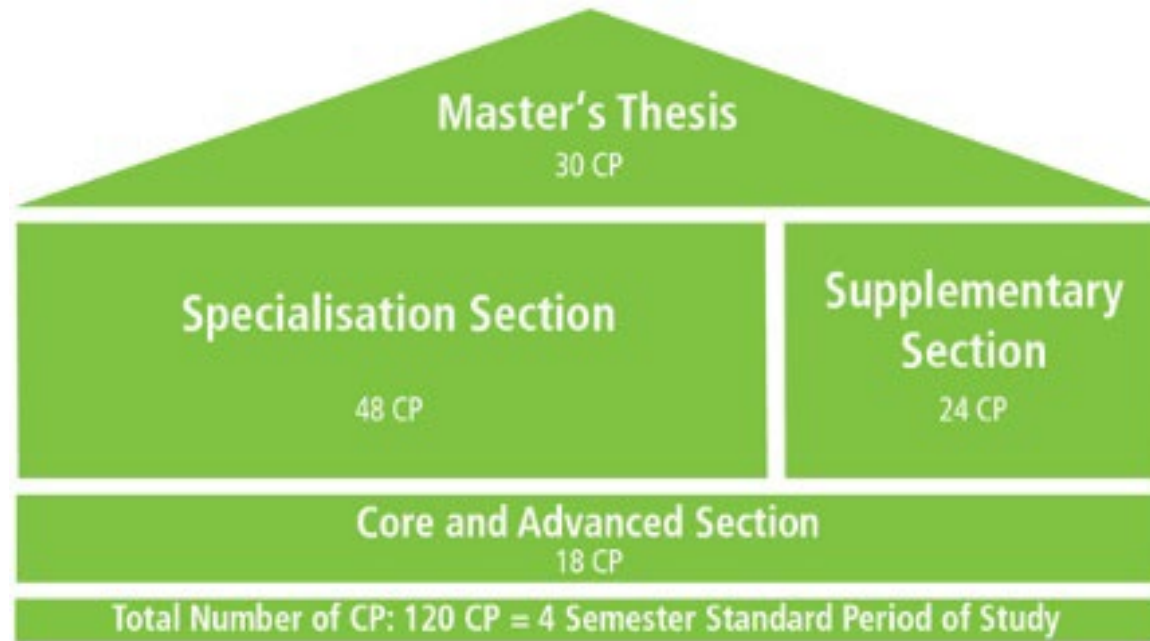
SUPPLY CHAIN MANAGEMENT & PRODUCTION



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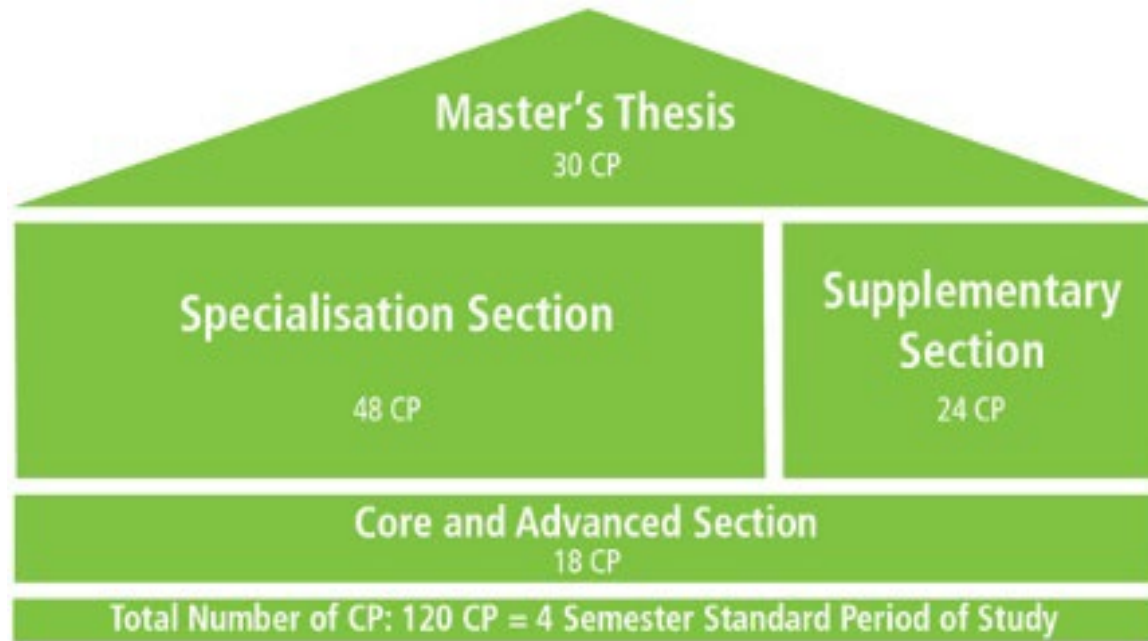
STUDIENPROGRAMM (INSGESAMT 120 KREDITPUNKTE) PROGRAM STRUCTURE (TOTAL OF 120 CREDITS REQUIRED)



Find important information and documents

- **Download** the M.Sc. Business Administration – Supply Chain Management **Module Catalogue** at: https://wiso.uni-koeln.de/sites/fakultaet/dokumente/downloads/master/m_mhb_po2021_ba_scm.pdf
- Contact the **WiSo Student Service Point**
- Contact the involved departments for detailed information on the individual courses

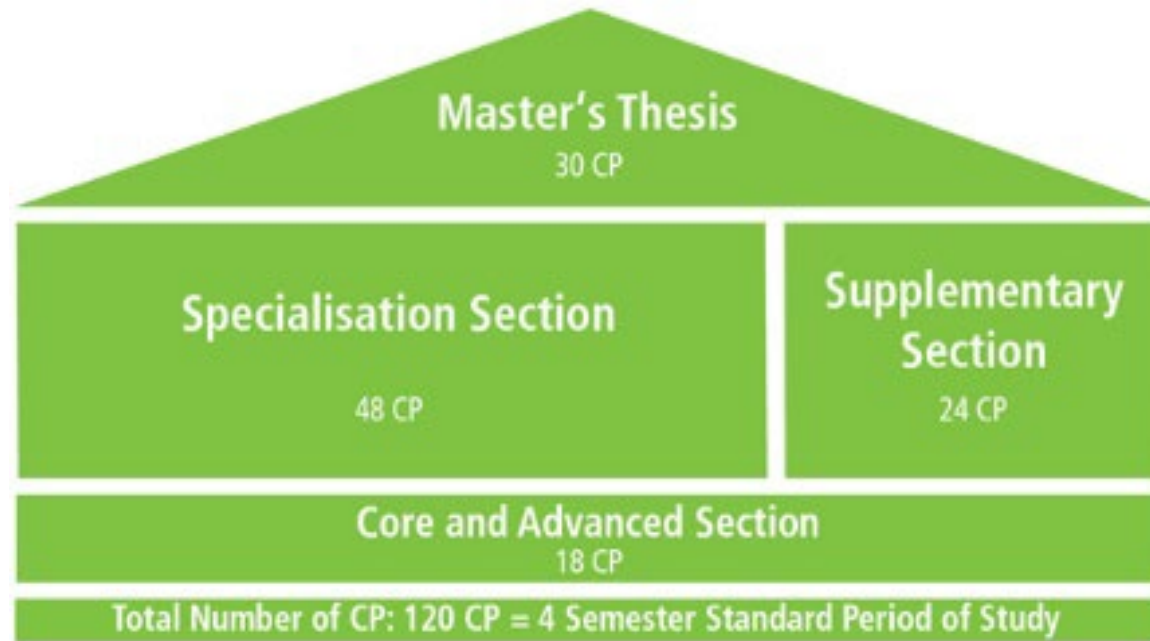
STUDIENPROGRAMM (INSGESAMT 120 KREDITPUNKTE) PROGRAM STRUCTURE (TOTAL OF 120 CREDITS REQUIRED)



Curriculum and module description: General information

- The Master in Business Administration program 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, mandatory)

- Management skill course (6 CP)
- Tailored modules offering analytical SCM Methodology: Supply Chain Analytics I and II

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

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

SCM Methods (18)	Management Skills (6), mandatory	Supply Chain Analytics I (6), mandatory	Supply Chain Analytics II (6), mandatory
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Schwerpunktbereich / Specialization Section (48 Credits points)

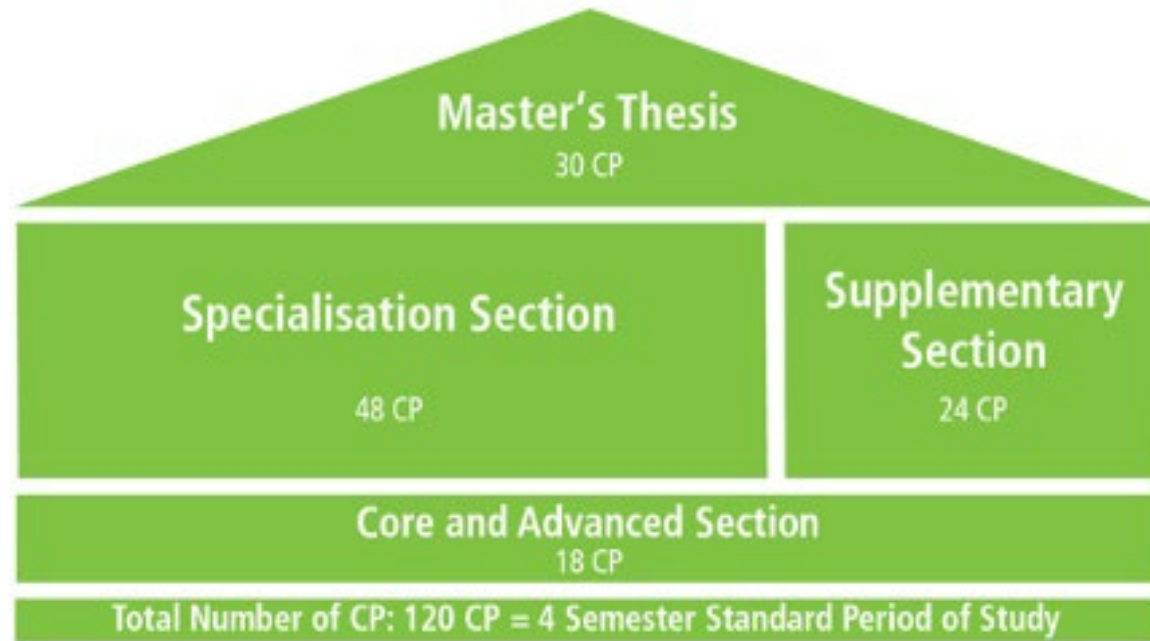
SCM Basics (12)	Supply Chain Strategy (6), mandatory	Supply Chain Operations (6), mandatory					
SCM Advanced (max. 30)	Supply Chain Innovation (6)	Supply Chain Planning (6)	Selected Issues in SCM (6)	Selected Issues in Behavioral SCM (6)	Service Management (6)	SC Business Projects (12)	Supply Chain Seminar II (6)
SCM Seminars (6)	Supply Chain Seminar I (6), mandatory						

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

- Accounting and Taxation
- Marketing
- Corporate Development
- Economic Geography
- Economics for Business Administration
- Economic Psychology
- Finance
- Studies Abroad
- Information Systems

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: 12 CP
- SCM Advanced: max. 30 CP
- SCM Seminars: 6 CP

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

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

SCM Methods (18)	Management Skills (6), mandatory	Supply Chain Analytics I (6), mandatory	Supply Chain Analytics II (6), mandatory
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Schwerpunktbereich / Specialization Section (48 Credits points)

SCM Basics (12)	Supply Chain Strategy (6), mandatory	Supply Chain Operations (6), mandatory					
SCM Advanced (max. 30)	Supply Chain Innovation (6)	Supply Chain Planning (6)	Selected Issues in SCM (6)	Selected Issues in Behavioral SCM (6)	Service Management (6)	SC Business Projects (12)	Supply Chain Seminar II (6)
SCM Seminars (6)	Supply Chain Seminar I (6), mandatory						

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

- Accounting and Taxation ▪ Corporate Development ▪ Economics for Business Administration ▪ Finance ▪ Information Systems
- Marketing ▪ Economic Geography ▪ Economic Psychology ▪ Studies Abroad

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

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

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

SCM Methods (18)

Management Skills (6), mandatory

Supply Chain Analytics I (6), mandatory

Supply Chain Analytics II (6), mandatory

Schwerpunktbereich / Specialization Section (48 Credits points)

SCM Basics (12)

Supply Chain Strategy (6), mandatory

Supply Chain Operations (6), mandatory

SCM Advanced (max. 30)

Supply Chain Innovation (6)

Supply Chain Planning (6)

Selected Issues in SCM (6)

Selected Issues in Behavioral SCM (6)

Service Management (6)

SC Business Projects (12)

Supply Chain Seminar II (6)

SCM Seminars (6)

Supply Chain Seminar I (6), mandatory

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

- Accounting and Taxation
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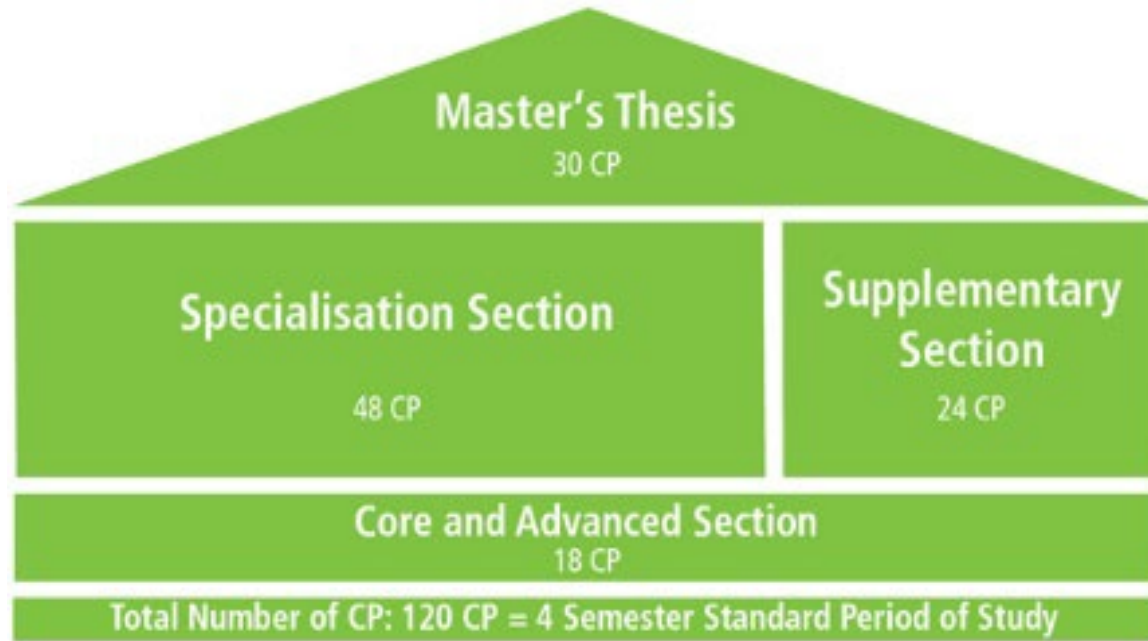
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SCM Seminars (6)	Supply Chain Seminar I (6), mandatory						

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

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

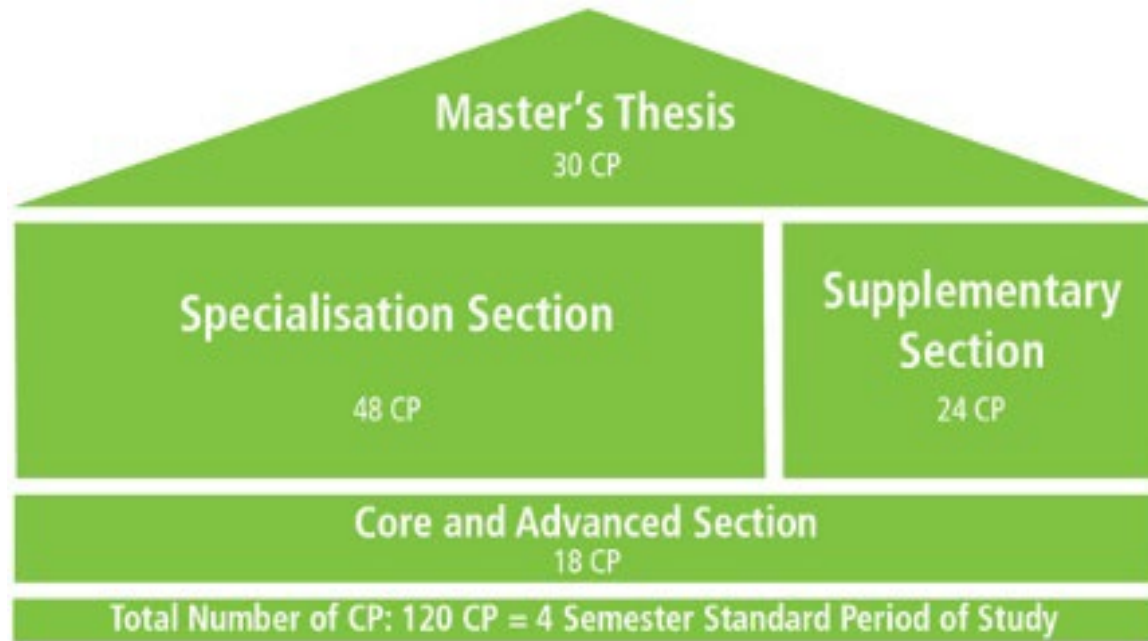
STUDIENPROGRAMM (INSGESAMT 120 KREDITPUNKTE) PROGRAM STRUCTURE (TOTAL OF 120 CREDITS REQUIRED)



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)
 - Accounting and Taxation
 - Corporate Development
 - Economics for Business Administration
 - Finance
 - Information Systems
 - Marketing
 - Economic Geography
 - Economic Psychology
 - 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 lectures!
 - 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, Python, PMT, Vensim, ...
 - Optimierungsübungen / Optimization Exercises:
Catapult, Modem, ...
 - Unternehmensbesichtigung / Company visits:
McKinsey, Bain, BCG, Henkel, Ford, Bayer, ...
-

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And if you should have any questions ...

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

- Strong 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
- Strong 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, ...)
- „Vorstandsassistenz“/Executive Assistant
- 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“

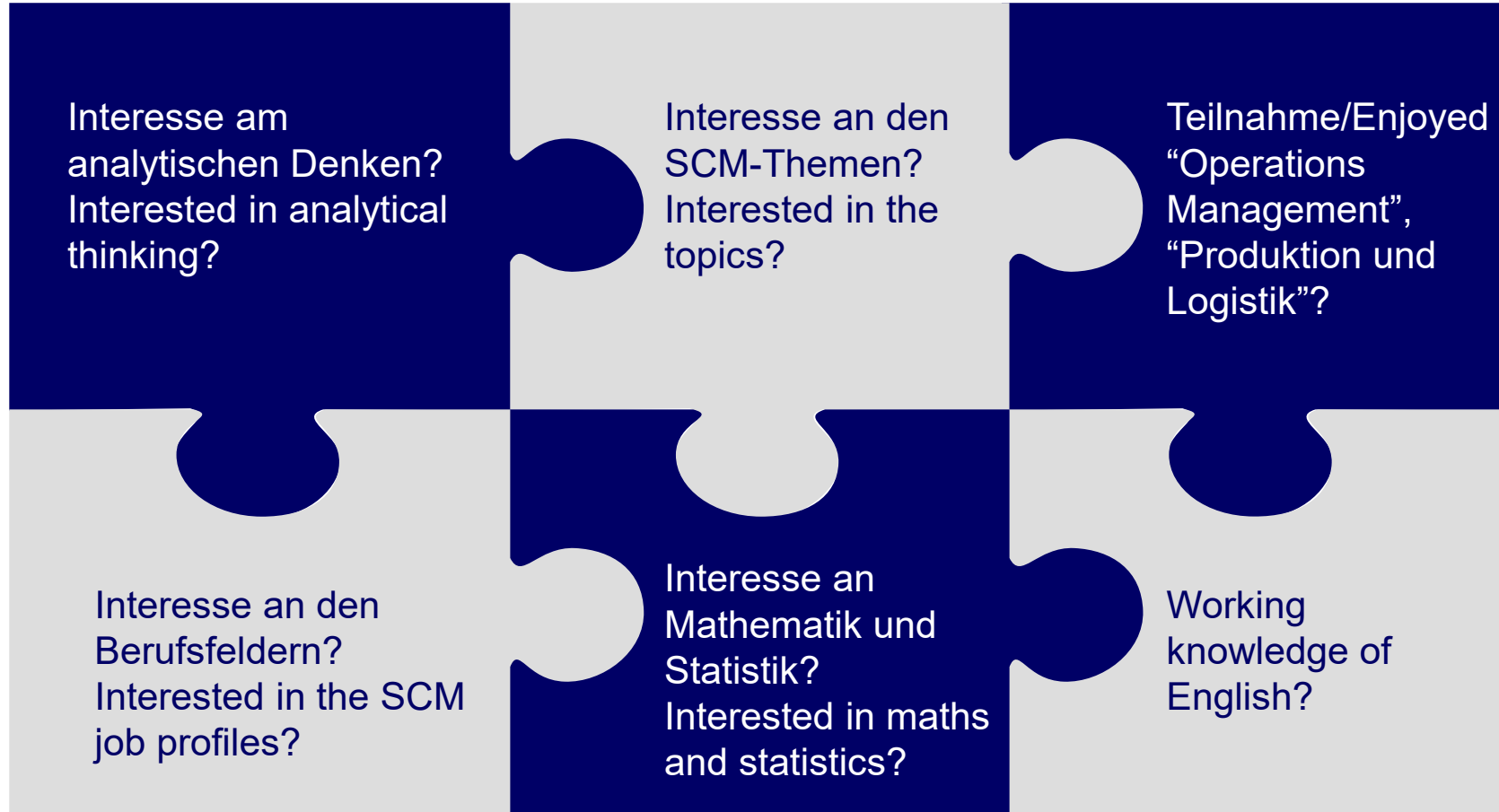
Sonstige/Others

- Start-Ups
- Wissenschaft/Academia

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VORAUSSETZUNGEN/PREREQUISITES



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Request: Please Elect MSC SCM Class Speakers

- Please chose two speakers amongst your cohort
- Speakers help channel communication between students and faculty
- Speakers-elect, please contact me under sting@wiso.uni-koeln.de

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

Area SCM

<https://www.scm.uni-koeln.de/>
<https://scm.uni-koeln.de/en/>

WiSo Student Service Point (WiSSPo)

<https://wiso.uni-koeln.de/de/studium/service-und-beratung/wiso-student-service-point>
<https://wiso.uni-koeln.de/en/studies/service-and-guidance/wiso-student-service-point>

<https://wiso.uni-koeln.de/de/studium/dokumente-und-medien>
<https://wiso.uni-koeln.de/en/studies/documents-and-media>

WiSo Prüfungsamt / WiSo Examination Office

<https://wiso.uni-koeln.de/de/fakultaet/dekanat/pruefungsaemter/startseite>
<https://wiso.uni-koeln.de/en/faculty/managing-board/examination-office/front-page>

WiSo Anrechnungszentrum / WiSo Credit Transfer Center

<https://ctc.uni-koeln.de/de/>
<https://ctc.uni-koeln.de/en/>

WiSo Career Service

<https://wiso.uni-koeln.de/de/praxis/wiso-career-service>
<https://wiso.uni-koeln.de/en/faculty/managing-board/wiso-career-service>