

Program and Course Description

Retail and Consumer Management (WS 17/18)

Master of Arts

THI Business School

Study and Examination Regulation: WS 17/18

as per: Summer Semester 2023



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1 Overview of modules and hours (1–3. Semester) *

CURRICULUM RETAIL AND CONSUMER MANAGE- MENT		1. Semester Start in Winter		2. Semester Summer		3. Semester Winter/Summer	
Nr.	Module	SWS**	ECTS	SWS	ECTS	SWS	ECTS
1.1	Retail Lab: Consumer Projects and Project Management	4	5				
1.2	Retail and Consumer Management	4	5				
1.3	Electives	4	5				
2.1	Market Research and Consumer Behaviour in Retailing	4	5				
2.2	Trademark, Retail and Consumer Law	4	5				
2.3	Retail Locations and International Re-tailing	4	5				
3.1	Digital Commerce			4	5		
3.2	Retail Branding and Store Marketing			4	5		
3.3	Strategic Retail Management, Mergers and Acquisitions in Retailing			4	5		
4.1	Digital Marketing			4	5		
4.2	Sales and Customer Lifecycle Management			4	5		
4.3	Supply Chain Management in Retailing			4	5		
5	Retail and Consumer Project					4	5
6	Master Thesis						25
Total		24	30	24	30	4	30

*All further details are specified in the attachment of the respective Study and Examination Regulation (SPO Winter Semester 2017) [here](#).

** Hours per week

2 Dual Study Option

The program can also be conducted in a dual format (in close cooperation with a dual partner company). For Master programs, dual study is only possible with additional practical elements. The duration is one-and-a-half to two years (three to four semesters) in full-time and is organized in a practice-integrated way. During their master program, dual study students conduct at least 34 weeks or 8.5 months of practical work (incl. master thesis) at their partner company.

For additional information on the process and application see:

<https://www.thi.de/en/studies/degree-programmes/dual-studies/applying-for-dual-studies/>

According to the THI-wide dual system approach, the linkage between university and company in terms of learning experience is conducted threefold: legally/contractually, organizationally, and regarding the content:

1. Legal/contractual interlocking:

The specific requirements of dual studies are recognized in §17 (3) and §18 (5) der APO as well as §8b der Immatrikulationssatzung. Therefore:

- Together with matriculation at THI, the dual student has to hand in the dual contract with dual partner by the end of the first semester (master)
- In case the dual company partner is not yet a registered THI partner company, it needs to be formally admitted by submitting the "Erhebungsbogen". For further information please refer to: <https://www.thi.de/service/duales-studium-informationen-fuer-unternehmen>
- The master thesis is to be conducted at the dual partner company under scientific surveillance of the THI professor. The results of the thesis need to be presented to the partner company and the examining professor.

2. Organizational interlocking:

The organization interlocking is performed by regular contact between dual students, dual students and THI as well as THI and the dual partner companies. We institutionalized the following touchpoints:

- Information meeting in the 1st semester of all dual students conducted by the dean of education
- All-hands meeting once a year for all dual students of the study program organized and conducted by the director of study program.
- Symposium for all dual partners organized once a year by the THI Dual Career Service („Forum Dual“)

The director of study program is mentor for the dual students throughout the whole program.

3. Content interlocking:

The interlocking of contents between university and company is supposed to result in transferability from scientific methods to practice as well as reflect practical doing in the light of recent scientific context.

In M.A. Retail and Consumer Management the contextual and content-based interlocking is performed in module master thesis with a weight of overall 25 ECTS. Accord. to §18 (5) APO it needs to be conducted at the dual partner company. A scientific communication is to be conducted between the partner company and the first examiner of the thesis. Moreover, the results of the thesis need to be presented to the partner company and the examining professor.

3 Description of Modules

3.1 Compulsory Modules

Retail Lab: Consumer Projects and Project Management			
Module abbreviation:	RCM_CPPM	SPO-No.:	1.1
Curriculum:	Programme	Module type	Semester
	Retail and Consumer Management (WS 17/18)	Compulsory	1
Module attributes:	Language of instruction	Duration of module	Frequency of offer
	English	1 Semester	Winter semester
Responsible for module:	Knoppe, Marc		
Lecturers:	Knoppe, Marc		
Credit points / SWS:	5 ECTS / 4 SWS		
Workload:	Contact hours:	47 h	
	Self-study:	78 h	
	Total:	125 h	
Subjects of the module:	Retail Lab: Consumer Projects and Project Management		
Lecture types:	SC / E: seminar course with exercises		
Examinations:	LN - presentation, 15 minutes		
Usability for other study programs:	None		
Prerequisites according examination regulation:			
None			
Recommended prerequisites:			
None			
Objectives:			
<p>Students have to be prepared for a world that's changing fast. Students have to know more about disruptive retail and consumer models, about revolution in thinking and creating unexpected solutions.</p> <p>Students will learn how innovations and business models are shaping the future of retailing, shopping and consumer behaviour. Students will analyse disruptive and non-disruptive retail and consumer business models driven by internet of me, augmented reality, digitalisation or basic business. Students will learn how to apply inventive business models that drive retail and consumer business.</p> <p>Students know how to organize and manage a project. Students are prepared to handle specific assignments/projects at work.</p> <p>The students are able to apply techniques and tools they have learned in international real-life projects.</p>			
Content:			
<p>Students will discuss new technologies, innovations and disruptive business models that are changing the face of retail and enhancing customer experience. Students will learn about new digital business models and non-traditional competitors. Students will explore the key issues of retail and consumer business models. Students will learn to identify ideas, to analyse disruptive and non-disruptive businesses, to create a new strategy.</p> <p>To be prepared in project management students will have the opportunity to take an extra course in project management:</p> <p>VHB course:</p>			

Prof. Dr. Markus Westner https://kurse.vhb.org/VHBPORTAL/kursprogramm/kursprogramm.jsp?kDetail=true
Literature:
<i>Compulsory:</i> <ul style="list-style-type: none">• PINTO, Jeffrey K., 2016. <i>Project management: achieving competitive advantage</i>. 4. Edition. Harlow: Pearson Education. ISBN 978-1-292-09479-3, 1-292-09479-6• BERMAN, Barry, Joel R. EVANS und Patrali CHATTERJEE, 2018. <i>Retail management: a strategic approach</i>. T. Edition. Harlow, England: Pearson. ISBN 978-1-292-21467-2, 1-292-21467-8 <i>Recommended:</i> <ul style="list-style-type: none">• WANNENWETSCH, Helmut, 2004. <i>E-Supply-Chain-Management: Grundlagen, Strategien, Praxisanwendungen</i>. 2. Edition. Wiesbaden: Gabler. ISBN 3-409-22015-1• TAYUR, Sridhar, 2003. <i>Quantitative models for supply chain management</i>. 6. Edition. Boston [a.o.]: Kluwer Acad. Publ. ISBN 0-7923-8344-3• WILLIAMS, Luke, 2016. <i>Disrupt: Think the Unthinkable to Spark Transformation in Your Business</i>. 2. Edition.
Additional remarks:
None

Retail and Consumer Management			
Module abbreviation:	RCM_RCM	SPO-No.:	1.2
Curriculum:	Programme	Module type	Semester
	Retail and Consumer Management (WS 17/18)	Compulsory	1
Module attributes:	Language of instruction	Duration of module	Frequency of offer
	English	1 Semester	Winter semester
Responsible for module:	Knoppe, Marc		
Lecturers:	Marques, Thiago; Shamma, Hamed M.		
Credit points / SWS:	5 ECTS / 4 SWS		
Workload:	Contact hours:	47 h	
	Self-study:	78 h	
	Total:	125 h	
Subjects of the module:	Retail and Consumer Management		
Lecture types:	SC / E: seminar course with exercises		
Examinations:	schrP90 - written exam, 90 minutes		
Usability for other study programs:	None		
Prerequisites according examination regulation:			
None			
Recommended prerequisites:			
None			
Objectives:			
<ul style="list-style-type: none"> • Students know the retail and consumer management basics and its relevance to an organization. Students can apply retail and consumer principles and have practical understanding of the retail and consumer business (Hamed M. Shamma) • After passing the elective, students would know how to (Martin Bader): <ul style="list-style-type: none"> ○ Develop a business idea to a business model ○ Identify key success factors for implementation ○ Prepare implementation on basis of a minimal viable product approach ○ Prepare a business plan 			
Input von Hr. Shamma:			
The course provides students with an overview of retail management. In this course, we will explore contemporary retail management issues. In this course you will gain an understanding of retail trends, technology in retail, merchandize planning and management, location, human resource management, customer service, e-retailing among other topics. This course will give you the insight into the retailing environment that will enable you to make informed decisions. It will also help you develop an understanding and appreciation of the challenges and opportunities of starting, managing, expanding and succeeding in retail.			
Content:			
Hamed M. Shamma			
<ul style="list-style-type: none"> • Introduction to retail and consumer management and its evolution 			

- RCM before and after the digital revolution
- Creating customer value, satisfaction and loyalty
- Brand building, equity, turnover and company value driven marketing strategies
- Key Performance Indicators for successful retail marketing

Martin Bader:

- Ideation / Design Thinking
- Value Proposition Design
- Business model canvas
- Business model innovation
- Minimal viable product (MVP) and testing
- Prototyping
- Business plan
- Pitch presentations

Literature:

Compulsory:

- KAWASAKI, Guy, 2015. *The Time Tested, The art of the start 2.0: the time-tested, battle-hardened guide for anyone starting anything.* r. Edition. [London] [a.o.]: Portfolio Penguin. ISBN 978-0-241-18726-5, 978-1-59184-811-0
- RIES, Eric und Ursula BISCHOFF, 2017. *The lean startup: how today's entrepreneurs use continuous innovation to create radically successful businesses.* 2017. Edition. New York: Currency. ISBN 978-1-5247-6240-7

Recommended:

- GASSMANN, Oliver, Karolin FRANKENBERGER und Michaela CSIK, 2014. *The business model navigator: 55 models that will revolutionise your business.* Harlow [a.o.]: Pearson. ISBN 978-1-292-06581-6
- OSTERWALDER, Alexander, Trish PAPADAKOS und Gregory BERNARDA, 2014. *Value proposition design: how to create products and services customers want.* Hoboken, NJ: Wiley. ISBN 978-1-118-96805-5, 1-118-96805-0
- CROLL, Alistair und Benjamin YOSKOVITZ, 2013. *Lean analytics: use data to build a better startup faster.* 1. Edition. Beijing [a.o.]: O'Reilly. ISBN 978-1-449-33567-0, 1-449-33567-5

Additional remarks:

Martin Bader:

LN – Presentation/pitch incl. discussion (15 min.), written report (10-15 pages)

Market Research and Consumer Behaviour in Retailing			
Module abbreviation:	RCM_MRCBR	SPO-No.:	2.1
Curriculum:	Programme	Module type	Semester
	Retail and Consumer Management (WS 17/18)	Compulsory	1
Module attributes:	Language of instruction	Duration of module	Frequency of offer
	English	1 Semester	Winter semester
Responsible for module:	Knoppe, Marc		
Lecturers:	Gupta, Shipra; Shamma, Hamed M.		
Credit points / SWS:	5 ECTS / 4 SWS		
Workload:	Contact hours:	47 h	
	Self-study:	78 h	
	Total:	125 h	
Subjects of the module:	Market Research and Consumer Behaviour in Retailing		
Lecture types:	SC / E: seminar course with exercises		
Examinations:	LN - project thesis		
Usability for other study programs:	None		
Prerequisites according examination regulation:			
None			
Recommended prerequisites:			
None			
Objectives:			
<p>Market Research</p> <p>It will be illustrated the interaction between retail and consumer research and retail and consumer management decisions. A focus will be on digital research like google analytics. Students will learn a practical framework for conducting market research to highlight qualitative and quantitative retail and consumer research strategies. Students will know to use a SPSS program. Students will apply the topic by handling different cases.</p> <p>Consumer Behaviour</p> <p>Students will understand consumer behavior. Students will learn that consumer behaviour is central to the planning, development, and implementation of successful marketing strategies. Students are able to evaluate the consumer behaviour of all target groups along all touchpoints shown by a customer journey. Students will apply the topic by handling different cases.</p> <p>Students will learn how new technology is influencing retail and consumer behaviour.</p> <p>Input von Hr. Shamma:</p> <p>The course provides students with the framework for conducting marketing research. During this module, students will be introduced to the marketing research tools which aid marketing managers in marketing decisions. Students will also be introduced to the marketing research process and explain how it is used to collect and analyze information to solve practical marketing problems using examples from real world contexts. The course offers hands-on experience in marketing research-based data analysis.</p>			

The course provides students with an overview of consumer behavior. This will involve analyzing the consumer buying decision process and the factors affecting this process. Issues such as the shifting in values of the German, European and multinational societies, how to appeal to different markets and how we can change attitudes will be tackled. We will often take the perspective of a marketing manager who needs knowledge of consumer behavior in order to develop, evaluate, and implement effective marketing strategies.

Content:

Market Research

- Introduction
- Defining the Marketing Research
- Research Design
- On- and Offline Research
- Interpretation of results
- Consumer Decision-Making, Marketing Ethics
- Consumer Research

Consumer Behaviour

- Consumers, Marketers, and Technology
- Technology-Driven Consumer Behavior
- Segmentation, Targeting, and Positioning
- Consumer Motivation and Personality
- Consumer Perception
- From Print and Broadcast Advertising to Social and Mobile Media
- Reference Groups and Word-of-Mouth
- Consumers in their Social and Cultural Settings
- New technology is influencing retail and consumer behaviour

Literature:*Compulsory:*

- MALHOTRA, Naresh K., 2010. *Marketing research: an applied orientation*. 6. Edition. Boston [a.o.]: Pearson. ISBN 978-0-13-609423-4, 0-13-609423-6
- SCHIFFMAN, Leon G. und Joseph WISENBLIT, 2015. *Consumer behavior*. 11. Edition. Boston [a.o.]: Pearson. ISBN 978-0-273-78713-6, 0-273-78713-6

Additional remarks:

None

Trademark, Retail and Consumer Law			
Module abbreviation:	RCM_TRCL	SPO-No.:	2.2
Curriculum:	Programme	Module type	Semester
	Retail and Consumer Management (WS 17/18)	Compulsory	1
Module attributes:	Language of instruction	Duration of module	Frequency of offer
	English	1 Semester	Winter semester
Responsible for module:	Wanning, Benjamin		
Lecturers:	Wanning, Benjamin; Wappner, Celina		
Credit points / SWS:	5 ECTS / 4 SWS		
Workload:	Contact hours:	47 h	
	Self-study:	78 h	
	Total:	125 h	
Subjects of the module:	Trademark, Retail and Consumer Law		
Lecture types:	SC / E: seminar course with exercises		
Examinations:	schrP90 - written exam, 90 minutes		
Usability for other study programs:	None		
Prerequisites according examination regulation:			
None			
Recommended prerequisites:			
None			
Objectives:			
Students learn the basics of the European legislative process and the most important European and German company forms. They receive an introduction to German Civil Law and compare the German provisions to those in the Angloamerican law. In addition, they take a first look at Patent and Trademark Law. Students get an overview of the most important European data protection rules.			
Content:			
European Law Corporate Law Civil law Data Protection Tax			
Literature:			
Will be announced at the beginning			
Additional remarks:			
None			

Retail Locations and International Retailing			
Module abbreviation:	RCM_RLIR	SPO-No.:	2.3
Curriculum:	Programme	Module type	Semester
	Retail and Consumer Management (WS 17/18)	Compulsory	1
Module attributes:	Language of instruction	Duration of module	Frequency of offer
	English	1 Semester	Winter semester
Responsible for module:	Knoppe, Marc		
Lecturers:	Potten, Jens; Vogler, Thomas		
Credit points / SWS:	5 ECTS / 4 SWS		
Workload:	Contact hours:	47 h	
	Self-study:	78 h	
	Total:	125 h	
Subjects of the module:	Retail Locations and International Retailing		
Lecture types:	SC / E: seminar course with exercises		
Examinations:	mdlP - oral exam, 15 minutes		
Usability for other study programs:	None		
Prerequisites according examination regulation:			
None			
Recommended prerequisites:			
None			
Objectives:			
<p>The students shall be able to develop solutions in critical situations that can occur in international retailing - they shall get a feeling of the complexity of retailing esp. in different countries and under consideration of real estate issues.</p> <p>They shall be able to understand what is essential in buying real estate with a retail store or buying a retail chain.</p> <p>They should be able to develop their own opinion about future in retail - esp. brick and mortar retail.</p> <p>They shall get an understanding of sustainability esp. in real estate for retail.</p> <p>They shall get acquainted with different methods of turnover prediction- their weaknesses and strength.</p>			
Content:			
<p>Nearly every lesson starts with a role play - students have to discuss and find a solution for a given situation that is real estate and retail related. The different solutions will be discussed.</p> <p>Following issues will be presented and discussed:</p> <p>Internationalisation and growth- implications for brick and mortar retailer</p> <p>WalMart in Germany - why did they fail?</p> <p>Real Estate in different legal systems</p> <p>Case buying a retail store (real estate with store) with financial implications</p>			

<p>Sustainability in retail- esp for Real Estate</p> <p>Trade Areas</p> <p>Different Turnover estimation methodes</p> <p>Future of real estate in retail</p> <p>Assett management in retail</p> <p>Strategic support of retail by real estate</p> <p>The students have to read beside the books down what will be supplied from my side in moodle.</p>
<p>Literature:</p> <p><i>Compulsory:</i></p> <ul style="list-style-type: none"> • LEVY, Michael und Barton WEITZ, <i>Retailing Management - chapter 7 and 8</i>. 8. Edition. ISBN 987-0-07-122098-9 • ZENTES, J., 2017. <i>Strategic Retail Management chapter 8</i>. • BARKHAM, Richard, 2012. <i>Real estate and globalisation, chapter 1,2,.5</i>. Hoboken, N.J.: Wiley-Blackwell. ISBN 978-0-470-65597-9, 978-1-118-35167-3 <p><i>Recommended:</i></p> <ul style="list-style-type: none"> • THRALL, Grant Ian, <i>Business Geography and new real estate market analysis chapter 1 and 7</i>. • NOZEMAN, Ed F., 2014. <i>European metropolitan commercial real estate markets: Ed F. Nozeman ... (ed.)</i> [online]. Berlin [a.o.]: Springer PDF e-Book. ISBN 978-3-642-37851-5, 978-3-642-37852-2. Verfügbar unter: https://doi.org/10.1007/978-3-642-37852-2. • ELLISON, Louise und Victoria EDWARDS, 2004. <i>Corporate Property management aligning real estate with business strategy</i>. • SQUIRES, Graham, <i>Routledge Companion to Real Estate Development chapter 5, 8, 14, 15, 17, 18, 20</i>. • TOSHIHARA, Ishikawa, 2016. <i>Dynamic Locational Phases of Economic Activity in the Globalized World Part 1</i>.
<p>Additional remarks:</p> <p>None</p>

Digital Commerce			
Module abbreviation:	RCM_DC	SPO-No.:	3.1
Curriculum:	Programme	Module type	Semester
	Retail and Consumer Management (WS 17/18)	Compulsory	2
Module attributes:	Language of instruction	Duration of module	Frequency of offer
	English	1 Semester	Summer semester
Responsible for module:	Stummeyer, Christian		
Lecturers:	Stummeyer, Christian		
Credit points / SWS:	5 ECTS / 4 SWS		
Workload:	Contact hours:	47 h	
	Self-study:	78 h	
	Total:	125 h	
Subjects of the module:	Digital Commerce		
Lecture types:	SC / E: seminar course with exercises		
Examinations:	LN - Project thesis		
Usability for other study programs:	None		
Prerequisites according examination regulation:			
None			
Recommended prerequisites:			
None			
Objectives:			
<p>The students acquire application- and practice-oriented in-depth knowledge of innovative concepts, processes and applications in Digital Commerce:</p> <ul style="list-style-type: none"> • They understand the most important developments around the digitalization of society and retail and the future of commerce. • They acquire the basic knowledge and skills for entering digital commerce. • They know the essential elements of the value chain in digital commerce. • They are able to apply the acquired knowledge within the framework of a practical project. <p>The students also train their analytical skills, presentation techniques and communication skills.</p>			
Content:			
<p>Introduction: Digitalization of society and retail</p> <p>Digital Basics</p> <ul style="list-style-type: none"> • Target groups and targeting • Usability, User Experience and Customer Experience • Conversion Rate Optimization • Website Check • KPIs and Web Analytics 			

Digital Commerce

- The future of retail
- The digital channel within different channel concepts
- Driver tree in e-commerce
- Basics of Digital Commerce Systems
- Processes in E-Commerce
- Digital Commerce Scenarios in Retail
- Digital PoS
- Artificial Intelligence in Digital Commerce
- Success factors of digital business models

Literature:*Compulsory:*

- ZENTES, Joachim, Dirk MORSCHEIT und Hanna SCHRAMM-KLEIN, 2017. *Strategic Retail Management - Text and International Cases*. 3. edition. Wiesbaden: Springer Gabler. ISBN 3-658-10182-2, 978-3-658-10182-4
- CHAFFEY, Dave, 2015. *Digital business and E-commerce management: strategy, implementation and practice*. S. edition. Harlow: Pearson Education Limited. ISBN 978-0-273-78657-3, 0-273-78657-1

Additional remarks:

Besides the lecture, the students will also work with an E-Commerce System to get practical experience.

Retail Branding and Store Marketing			
Module abbreviation:	RCM_RBSM	SPO-No.:	3.2
Curriculum:	Programme	Module type	Semester
	Retail and Consumer Management (WS 17/18)	Compulsory	2
Module attributes:	Language of instruction	Duration of module	Frequency of offer
	English	1 Semester	Summer semester
Responsible for module:	Hackl, Oliver		
Lecturers:	Petroll, Martin		
Credit points / SWS:	5 ECTS / 4 SWS		
Workload:	Contact hours:	47 h	
	Self-study:	78 h	
	Total:	125 h	
Subjects of the module:	Retail Branding and Store Marketing		
Lecture types:	SC / E: seminar course with exercises		
Examinations:	LN - Project thesis		
Usability for other study programs:	None		
Prerequisites according examination regulation:			
None			
Recommended prerequisites:			
None			
Objectives:			
Students understand the need of retailers become a memorable brand in consumer's mind. In times of digitization retailers more than ever before have to develop a strong brand image that influence consumers positively. Students learn how to carefully construct and maintain a retail brand.			
Content:			
<ul style="list-style-type: none"> • Basic theoretical concepts of retail branding • Understanding the sources of brand richness • Identifying and understanding relevant brand touchpoints • Branding customer's access to a retail brand • Branding in-store personalities and atmospheres • Branding price, promotion and assortment • Creating rich brand experience by digital technologies 			
Literature:			
Will be announced at the beginning			
Additional remarks:			
None			

Strategic Retail Management, Merger and Acquisitions in Retailing			
Module abbreviation:	RCM_SRMMAR	SPO-No.:	3.3
Curriculum:	Programme	Module type	Semester
	Retail and Consumer Management (WS 17/18)	Compulsory	2
Module attributes:	Language of instruction	Duration of module	Frequency of offer
	English	1 Semester	Summer semester
Responsible for module:	Knoppe, Marc		
Lecturers:	Specht, Oliver		
Credit points / SWS:	5 ECTS / 4 SWS		
Workload:	Contact hours:	47 h	
	Self-study:	78 h	
	Total:	125 h	
Subjects of the module:	Strategic Retail Management, Merger and Acquisitions in Retailing		
Lecture types:	SC / E: seminar course with exercises		
Examinations:	LN - presentation, 15 minutes		
Usability for other study programs:	None		
Prerequisites according examination regulation:			
None			
Recommended prerequisites:			
None			
Objectives:			
At the end of this module the students should be able to apply strategic analysis, understand strategic management tools & methods and conduct strategic value evaluations.			
Content:			
<p>The module strategic retail management and M&A covers the strategic process end to end, starting with customer and market analytics and ending with the execution of the strategy.</p> <p>Customer orientation and centrality are important pillars in the retail industry and a significant part of retail strategic management. Therefore market intelligence and analytics (chapter 1) are the starting point for strategic positioning and shaping. The module will describe the methods and processes in order to understand customer needs, market participants/competitors and future developments/trends.</p> <p>The strategic target positioning (chapter 2) is the base for strategic formulation (how to reach the target position). The process begins with the understanding of the future operating model. After a detailed specification of the target position (vision, mission statement, strategic goals), the strategy formulation outlines the way how to get to the target position coming from the status-quo.</p> <p>The chapter 3 "strategic management" describes the implementation of the strategic measures to execute the strategy. Methods of strategic project management and portfolio management are important parts of the execution process: target setting, resource allocation and monitoring.</p>			

The last topic M&A describes one important measure to execute strategies with either growth or skill improvement priorities. Starting with screening of targets and evaluation of economic value, the chapter also shows the M&A process (strategic management) along case examples.

Literature:

Compulsory:

- KIM, W. Chan and Renée A. MAUBORGNE, 2017. *The W. Chan Kim and Renée Mauborgne Blue Ocean Strategy Reader: The iconic articles by bestselling authors W. Chan Kim and Renée Mauborgne*. Boston: Harvard Business Review Press. ISBN 978-1-63369-275-6
- WUNDER, Thomas, 2019. *Rethinking strategic management: sustainable strategizing for positive impact*. Cham, Switzerland: Springer. ISBN 3-030-06012-8, 978-3-030-06012-1

Recommended:

- KAPLAN, Robert S. und David P. NORTON, 2009. *Strategy maps: converting intangible assets into tangible outcomes*. [1. Edition. Boston, Mass.: Harvard Business School Press. ISBN 1-59139-134-2, 978-1-59139-134-0
- PORTER, Michael E., 2004. *Competitive strategy: techniques for analyzing industries and competitors*. 1. Edition. New York, NY [a.o.]: Free Press. ISBN 0-7432-6088-0, 978-0-7432-6088-6
- RAWORTH, Kate, 2018. *Doughnut economics: seven ways to think like a 21st-century economist*. P. edition. London: Random House Business Books. ISBN 978-1-847-94139-8
- ROCKSTRÖM, Johan, Mattias KLUM und Peter MILLER, 2015. *Big world, small planet: abundance within planetary boundaries*. New Haven; London: Yale University Press. ISBN 978-0-300-21931-9, 0-300-21931-8

Additional remarks:

Seminar paper (15 pages) and presentation (15min)

Digital Marketing			
Module abbreviation:	RCM_DM	SPO-No.:	4.1
Curriculum:	Programme	Module type	Semester
	Retail and Consumer Management (WS 17/18)	Compulsory	2
Module attributes:	Language of instruction	Duration of module	Frequency of offer
	English	1 Semester	Summer semester
Responsible for module:	Knoppe, Marc		
Lecturers:	Knoppe, Marc		
Credit points / SWS:	5 ECTS / 4 SWS		
Workload:	Contact hours:	47 h	
	Self-study:	78 h	
	Total:	125 h	
Subjects of the module:	Digital Marketing		
Lecture types:	SC / E: seminar course with exercises		
Examinations:	LN - Project thesis		
Usability for other study programs:	None		
Prerequisites according examination regulation:			
None			
Recommended prerequisites:			
None			
Objectives:			
<p>Students learn strategic fundamentals of Digital Marketing.</p> <p>Students learn how digital marketing is part of a comprehensive marketing and corporate strategy. Students learn how digital marketing is optimized and integrated in the marketing mix. Established approaches in marketing planning are combined with the creative use of modern digital models and tools.</p>			
Content:			
<p>Digital Marketing</p> <ul style="list-style-type: none"> • draw up digital marketing plans • apply digital marketing principals • integrate online and offline communications • customer driven digital marketing • reduce costly trial and error • learn best practices • develop marketing strategies 			

Literature:*Compulsory:*

- CHAFFEY, Dave, Paul R. SMITH and P. R. SMITH, 2017. *Digital marketing excellence: planning, optimizing and integrating online marketing*. F. edition. London ; New York: Routledge. ISBN 978-1-138-19168-6, 978-1-138-19170-9

Additional remarks:

Interactive teaching style with case studies and practical insights.

Students are required to work on a paper which are graded and presented in class.

Sales and Customer Lifecycle Management			
Module abbreviation:	RCM_SCLM	SPO-No.:	4.2
Curriculum:	Programme	Module type	Semester
	Retail and Consumer Management (WS 17/18)	Compulsory	2
Module attributes:	Language of instruction	Duration of module	Frequency of offer
	English	1 Semester	Summer semester
Responsible for module:	Vogler, Thomas		
Lecturers:	Vogler, Thomas		
Credit points / SWS:	5 ECTS / 4 SWS		
Workload:	Contact hours:	47 h	
	Self-study:	78 h	
	Total:	125 h	
Subjects of the module:	Sales and Customer Lifecycle Management		
Lecture types:	SC / E: seminar course with exercises		
Examinations:	schrP90 - written exam, 90 minutes		
Usability for other study programs:	None		
Prerequisites according examination regulation:			
None			
Recommended prerequisites:			
None			
Objectives:			
The students are able to understand the details of the selling process. Regarding the customers they know how to assess customer value and how to create a long term customer relationship. They also have deep knowledge about the relevance of Service Management. They also know how they can use big data to forecast consumer behaviour.			
Content:			
<ul style="list-style-type: none"> • Sales Management • Sales Organization • Sales Force Management • Personal Selling • Customer Relationship Management • Consumer Behaviour and Big Data 			
Literature:			
<i>Compulsory:</i>			
<ul style="list-style-type: none"> • WAYSHAK, Marc, 2018. <i>The High-Velocity Sales Organization</i>. ISBN 0985411333 • SOLOMON, Michael R., Søren ASKEGAARD und Margaret HOGG, 2019. 7. Edition. ISBN 978-1292245423 			

- WEINBERG, Mike, 2015. *Sales management. Simplified.: The Straight Truth about Getting Exceptional Results from Your Sales Team*. F. Edition. New York: Amacom -- American Management Association. ISBN 9780814436431

Additional remarks:

None

Supply Chain Management in Retailing			
Module abbreviation:	RCM_SCMR	SPO-No.:	4.3
Curriculum:	Programme	Module type	Semester
	Retail and Consumer Management (WS 17/18)	Compulsory	2
Module attributes:	Language of instruction	Duration of module	Frequency of offer
	English	1 Semester	Summer semester
Responsible for module:	Sternbeck, Michael		
Lecturers:	Sternbeck, Michael		
Credit points / SWS:	5 ECTS / 4 SWS		
Workload:	Contact hours:	47 h	
	Self-study:	78 h	
	Total:	125 h	
Subjects of the module:	Supply Chain Management in Retailing		
Lecture types:	SC / E: seminar course with exercises		
Examinations:	schrP90 - written exam, 90 minutes		
Usability for other study programs:	None		
Prerequisites according examination regulation:			
None			
Recommended prerequisites:			
None			
Objectives:			
Goal of the course is to understand supply chain planning and logistics execution in the retail and consumer goods industries. Motivated by practical challenges, we look at different logistics tasks on the strategic, tactical and operational planning level.			
Content:			
Main content of the course is:			
<ul style="list-style-type: none"> - Relevance of supply chain management in the retail context - Strategic supply network configuration - Distribution concepts and delivery mode planning - Warehouse management - Transportation management - Instore operations management - Omnichannel operations 			
Literature:			
<i>Compulsory:</i>			
<ul style="list-style-type: none"> • BOZARTH, Cecil B. und Robert B. HANDFIELD, 2016. <i>Introduction to Operations and Supply Chain Management</i>. 4. Edition. Harlow: Pearson. ISBN 9781292093420 			

- CHRISTOPHER, Martin, 2016. *Logistics and Supply Chain Management*. 5. Edition. Harlow: Pearson Education. ISBN 9781292083797
- HÜBNER, Alexander, KUHN, Heinrich, STERNBECK, Michael, 2013. Demand and Supply Chain Planning in Grocery Retail: An Operations Planning Framework. In: *International Journal of Retail & Distribution Management*. **41**(7)

Recommended:

- CHOPRA, Sunil und Peter MEINDL, 2013. *Supply Chain Management*. 5. Edition. Harlow: Pearson. ISBN 9780273765226
- FERNIE, John und Leigh SPARKS, 2019. *Logistics and retail Management*. 5. Edition. London: Kogan Page. ISBN 9780749481605

Additional remarks:

There will be a final exam of 90 minutes. You are allowed to use a non-programmable pocket calculator during the exam.

Retail and Consumer Project			
Module abbreviation:	RCM_RCP	SPO-No.:	5
Curriculum:	Programme	Module type	Semester
	Retail and Consumer Management (WS 17/18)	Compulsory	2
Module attributes:	Language of instruction	Duration of module	Frequency of offer
	English	1 Semester	Winter and summer semester
Responsible for module:	Knoppe, Marc		
Lecturers:	Knoppe, Marc		
Credit points / SWS:	5 ECTS / 4 SWS		
Workload:	Contact hours:	47 h	
	Self-study:	78 h	
	Total:	125 h	
Subjects of the module:	Retail and Consumer Project		
Lecture types:	S / PT: seminar / project thesis		
Examinations:	LN - Project thesis		
Usability for other study programs:	None		
Prerequisites according examination regulation:			
None			
Recommended prerequisites:			
None			
Objectives:			
<p>The objective of the Retail and Consumer Project is to carry out a personal retail project in a professional way. This gives students the opportunity to put into practice the methodological and technical competences acquired during their studies and to show their ability to work independently. The Retail and Consumer Project offers students professional work experience and the possibility to familiarize themselves with retail business processes.</p>			
Content:			
<p>The Retail and Consumer Project is based on the Retail Lab: Consumer Projects and Project Management. A project might be for instance a retail start-up, a multinational retail project, a retail business case or a special retail project in cooperation with a well-known retailer.</p> <p>Students will have 1-2 supervisors for their Retail and Consumer Project:</p> <ol style="list-style-type: none"> 1. An academic supervisor: a THI professor who will follow the project. 2. Maybe also a company supervisor: a representative of a company who will follow the student's work <p>Typical project phases:</p> <ul style="list-style-type: none"> • problem definition • analysis and market research • design phase • project documentation 			

<ul style="list-style-type: none">• project implementation• presentation of the project results
Literature:
Will be announced at the beginning.
Additional remarks:
None

Master Thesis			
Module abbreviation:	RCM_MT	SPO-No.:	6
Curriculum:	Programme	Module type	Semester
	Retail and Consumer Management (WS 17/18)	Compulsory	3
Module attributes:	Language of instruction	Duration of module	Frequency of offer
	English	1 semester	Winter and summer term
Responsible for module:	Knoppe, Marc		
Lecturers:	Knoppe, Marc; Hackl, Oliver; Vogler, Thomas; Stummeyer, Christian; Fend Lars; Jungbluth, Michael		
Credit points / SWS:	25 ECTS / 0 SWS		
Workload:	Contact hours:	23 h	
	Self-study:	602 h	
	Total:	625 h	
Subjects of the module:	Master Thesis		
Lecture types:	Tutorial		
Examinations:	Colloquium		
Usability for other study programs:	None		
Prerequisites according examination regulation:			
Release of the Master Thesis subject assumes the successful completion of credits and examinations totaling at least 30 ECTS. There is a six-month preparation period for the Master Thesis. The regulations on the issuance of the thesis in the general examination regulation of the Technische Hochschule Ingolstadt are also applicable.			
Recommended prerequisites:			
None			
Objectives:			
Students will show their scientific competence and knowledge. For Dual Students: According to §18 (5) APO, dual study students are required to conduct their master thesis at the dual study partner under scientific surveillance of the THI professor. The results of the thesis need to be presented to the partner company and the examining professor.			
Content:			
The master's thesis seminar will support students in planning and preparing their master thesis. Furthermore, they get an early feedback on their master thesis idea. The seminar is designed for comprehensive preparation (e.g. short presentation of master's thesis proposals, discussion of results and methodological problems). General basics like APA style, literature research and management will be prepared and discussed. The seminar offers a great opportunity for reflection of student's research projects and questions: - Support in choosing a topic for a master's thesis - Understanding and practical implementation of the guidelines for the preparation of a master thesis proposal			

- Developing an understanding of the structure and style requirements of a master's thesis
The Master's Thesis will be coached and evaluated by a professor and the students choose their topics individually.

Literature:Compulsory:

- Depends on the topic of the Master's Thesis

Recommended:

- GLASMAN-DEAL, 2010. *Science Research Writing for Non-Native Speakers of English*. ICP, ISBN 1-84816-310_X
- GHOURI, P, and K. GRONHAUG, 2010. *Research methods in Business Studies*. 4. Edition. ISBN 0273712047

Additional remarks:

- Deadline winter semester: January 15th
- Deadline summer semester: July 15th

According to §18 (5) APO the following requirements apply **only for students with dual study option**:

- Dual students conduct the final thesis in cooperation with their partner company under THI's academic supervision
- The academic supervisor stays in contact with the partner company and conducts at least one scientific discussion
- The dual students present the basic outcomes of the thesis to the partner company and the supervising professor

3.2 Elective Modules

Consumer Experience Management			
Module abbreviation:	RCM_CEM 1.3. Ind. Elective	SPO-No.:	1.3.2
Curriculum:	Programme	Module type	Semester
	Retail and Consumer Management (WS 17/18)	Elective	1
Module attributes:	Language of instruction	Duration of module	Frequency of offer
	English	1 Semester	Winter semester
Responsible for module:	Fend, Lars		
Lecturers:	Fend, Lars		
Credit points / SWS:	5 ECTS / 4 SWS		
Workload:	Contact hours:	47 h	
	Self-study:	78 h	
	Total:	125 h	
Subjects of the module:	Consumer Experience Management		
Lecture types:	SC / E: lecture with integrated exercises		
Examinations:	PA - Project thesis. Written composition (10 pages) with presentation (30 mins)		
Usability for other study programs:	None		
Prerequisites according examination regulation:			
None			
Recommended prerequisites:			
None			
Objectives:			
<p>The students have an overview of the current state of knowledge in the field of Consumer Experience Management.</p> <p>Participants will understand the philosophy, language, planning and essential frameworks and instruments of Consumer Experience Management in a national and international context. Finally, students will be able to select the appropriate CXM instruments and apply them to their specific business tasks.</p>			
Content:			
<ul style="list-style-type: none"> • The term and concept of consumer experience management • Consumer relationship versus consumer experience management • Consumer experience management (CXM) and business transformation • Digital consumer experience • Consumer experience frameworks • Consumer personas • The importance of empathy • Creating and measuring the consumer journey • Consumer journey management and improvement 			

Literature:*Compulsory:*

- ROBRA-BISSANTZ, Susanne, LATTEMANN, Christoph, 2019. *Digital Customer Experience: mit digitalen Diensten Kunden gewinnen und halten* [online]. Wiesbaden: Springer Vieweg PDF e-Book. ISBN 978-3-658-22542-1. Available under: <https://doi.org/10.1007/978-3-658-22542-1>.
- BRUHN, Manfred, 2012. *Customer experience* [online]. Wiesbaden: Springer Gabler PDF e-Book. ISBN 978-3-8349-4000-1, 978-3-8349-4001-8. Verfügbar unter: <https://doi.org/10.1007/978-3-8349-4001-8>.
- MEYER, Christopher, SCHWAGER, Andre, Understanding Customer Experience. In: *Harvard Business Review*. **2007**

Recommended:

- RUSNJAK, Andreas, SCHALLMO, Daniel, 2018. *Customer Experience im Zeitalter des Kunden: best Practices, Lessons Learned und Forschungsergebnisse* [online]. Wiesbaden: Springer Gabler PDF e-Book. ISBN 978-3-658-18961-7. Available under: <https://doi.org/10.1007/978-3-658-18961-7>.
- WALDEN, Steven, 2017. *Customer Experience Management Rebooted: Are you an Experience brand or an Efficiency brand?* [online]. London: Palgrave Macmillan PDF e-Book. ISBN 978-1-349-94905-2. Available under: <https://doi.org/10.1057/978-1-349-94905-2>.

Additional remarks:

None

Managing Customer Experience			
Module abbreviation:	RCM_MCE 1.3. Ind. Elective	SPO-No.:	1.3.4
Curriculum:	Programme	Module type	Semester
	Retail and Consumer Management (WS 17/18)	Elective	1
Module attributes:	Language of instruction	Duration of module	Frequency of offer
	English	1 Semester	Winter semester
Responsible for module:	Petroll, Martin		
Lecturers:	Petroll, Martin		
Credit points / SWS:	5 ECTS / 4 SWS		
Workload:	Attendance:	47 h	
	Self-study:	78 h	
	Total:	125 h	
Subjects of the module:	Managing Customer Experience		
Lecture types:	SC/E - lecture with integrated exercises		
Examinations:	PT - practical work (to be performed during the semester, written composition of a topic with practical relevance, approx. 10-15 pages, with presentation at the event (15-30 minutes))		
Usability for other study programs:	The module is offered as an elective subject in the Master's Program 'Entrepreneurship and Digital Business' as well.		
Prerequisites according examination regulation:			
None			
Recommended prerequisites:			
None			
Objectives:			
<p>Master students will learn about customer experience and customer experience management by reading and knowing from books, academic articles, reports and case studies. Students will also have an understanding about customer experience abroad with examples given in class. Finally, students will have to do a practical work and present it in the last class about the subject. Details will be given in class by the professor.</p>			
Content:			
<p>Overview of the following topics:</p> <ul style="list-style-type: none"> - Class #1: Customer Experience: Some basics; - Class #2: Customer Experience: The 5 Senses and hybrid/holistic Experience; - Class #3: Brick-and-mortar stores & Customer Experience; - Class #4: Online stores & Customer Experience; - Class #5: Multi/cross/omnichannel & Customer Experience; - Class #6: Customer Centricity & IDIC (Identify, Differentiate, Interact, Customize) Implementation Process; - Class #7: Measuring Customer Experience; - Class #8: Managing Customer Experience; 			

- Class #9: Practical work to be written and presented in the last class.

Literature:

Compulsory:

- (1) CALDEIRA, C. (2021). Customer Experience Management: Gestão Prática da Experiência do Cliente. Alta Books, 213 p.
- (2) KOTLER, P.; KARTAJAYA, H.; SETIAWAN, I. (2017). Marketing 4.0: moving from traditional to digital. New Jersey: Wiley. 208 p. ISBN-13: 978-1119341208
- (3) KOTLER, P.; KARTAJAYA, H.; SETIAWAN, I. (2021). Marketing 5.0: technology for humanity. New Jersey: Wiley. 224 p. ISBN-13: 978-1119668510
- (4) MALHOTRA, N. (2013). Design de loja e merchandising visual – Criando um ambiente que convida a comprar. São Paulo: Saraiva. 232 p. ISBN-13: 978-8502210387
- (5) SCHMITT, B. (1999). Experiential Marketing: How to Get Customers to Sense, Feel, Think, Act, Relate to Your Brand. 304 p. ISBN-13: 978-0684854236
- (6) SMITH, S.; WHEELER, J. (2002). Managing the Customer Experience. Financial Times/ Prentice Hall. 272 p. ISBN-13: 978-0273661955
- (7) SOLOMON, M. R. (2018). Consumer behavior: buying, having, and being. Boston: Pearson. ISBN 978-1-292-15310-0, 1-292-15310-5
- (8) PEPPERS, D.; RODGERS, M. (2016). Managing Customer Experience and Relationships: A Strategic Framework. New Jersey: Wiley. 624 p. ISBN-13: 978-1119236252

Recommended:

Class #1:

- Books **(3) (5) (7)**
- HAMILTON, R. et al. Traveling with companions: the social customer journey. Journal of Marketing, v. 85, n. 1, p. 68-92, 2021.
- [Harvard Business Review](#) - The Value of Customer Experience, Quantified, 2014.
- Lemon KN, Verhoef PC. Understanding Customer Experience Throughout the Customer Journey. Journal of Marketing. 2016;80(6):69-96. doi:[10.1509/jm.15.0420](#)
- PINE, B. J.; GILMORE, J. H. The experience economy: past, present and future. Handbook on the experience economy, p. 21-44, 2013.

Class #2:

- Books **(5) (7)**
- [Harvard Business Review](#) – The Science of Sensory Marketing, 2015.
- [Harvard Business Review](#) - When Sensory Marketing Works and When it Backfires, 2016.
- [Harvard Business Review](#) – Please Touch the Merchandise, 2011.
- [Wharton University of Pennsylvania](#) – Emotional Connections in Retailing

Class #3:

- Books **(4) (5) (6) (7)**
- Abhari, Kaveh & Sanavi, Arsham & Ly, Jennifer & Wright, Marina. (2021). 'Employees First': The Relationship between Employee Experience Management Systems and Customer Experience Management.
- [Harvard Business Review](#) - Future of brick and mortar retailing: how will it survive and thrive? 2021.
- Shankar, V. et al (2021). How Technology is Changing Retail. Journal of Retailing, v. 97, n. 1, p. 13–27.
- Purdy, M. (2021). The Future of Contactless Commerce, Harvard Business Review.

Class #4:

- Bascur, C. & Rusu, C. (2020). Customer Experience in Retail: A Systematic Literature Review. Applied Sciences. v. 10, p. 1-18.
- Bhattacharya, A., Srivastava, M., & Verma, S. (2018). Customer Experience in Online Shopping: A Structural Modeling Approach. Journal of Global Marketing. v. 32. p. 1-14.
- Bilgihan, A., Kandampully, J. and Zhang, T.(C). (2016), "Towards a unified customer experience in online shopping environments: Antecedents and outcomes", International Journal of Quality and Service Sciences, v. 8, n. 1, p. 102-119.
- Clark, M. K. & Rose, S. (2011). Online Customer Experience: A Review of the Business-to-Consumer Online Purchase Context. International Journal of Management Reviews, v. 13, p. 24-39.
- [Maryville University](#) - Future of Online Shopping_ Evolving E-Commerce Trends
- Rose, S., et al. (2012). Online Customer Experience in e-Retailing: An empirical model of Antecedents and Outcomes. Journal of Retailing. v. 88, p. 308–322.

Class #5:

- Books (2)
- Aw, E. C. (2019). Understanding the webrooming phenomenon: shopping motivation, channel-related benefits and costs, International Journal of Retail & Distribution Management, v. 53.
- Briel, F. (2018). The future of omnichannel retail: A four-stage Delphi study. Technological Forecasting & Social Change, v. 132, p. 217–229.
- Gensler, S., Scott A. N., & Verhoef, p. c. (2017). The showrooming phenomenon: it's more than just about price, Journal of Interactive Marketing, v. 38, p. 29-43.
- [Harvard Business Review](#) - A Study of 46000 Shoppers Shows That Omnichannel Retailing Works, 2017.
- [Harvard Business School](#) – Case Study Magazine Luiza, 2018.

Class #6:

- Books (8)
- [Harvard Business Review](#) – The Four Faces of Mass Customization, 1997.
- [GfK](#) - Decoding the Personalization Paradox.
- Zhou, F., Yangjian, J., & Jiao, R. J. Affective and cognitive design for mass personalization: status and prospect. Journal of Intelligent Manufacturing, v. 24, n. 5, p. 1047-1069, 2013.

Class #7:

- Books (8)
- Peppers, D., Rogers, M. Return on Customer: A new metric of value creation — Return on investment by itself is not good enough. Journal of Direct, Data and Digital Marketing Practice, v. 7, p. 318–331, 2006.
- [PWC](#) – Global Consumer Insights Survey, 2019.

Class #8:

- Books (1) (8)
- [Harvard Business Review](#) - Design Your Employee Experience as Thoughtfully as You Design Your Customer Experience, 2016.
- [Harvard Business School](#) – Case Study UBER, 2020.

Additional remarks:

Innovation & Innovation Management			
Module abbreviation:	RCM_IIM 1.3. Ind. Elective	SPO-No.:	1.3.5
Curriculum:	Programme	Module type	Semester
	Retail and Consumer Management (WS 17/18)	Elective	1
Module attributes:	Language of instruction	Duration of module	Frequency of offer
	English	1 Semester	Winter semester
Responsible for module:	N.N.		
Lecturers:	N.N.		
Credit points / SWS:	5 ECTS / 4 SWS		
Workload:	Contact hours:	47 h	
	Self-study:	78 h	
	Total:	125 h	
Subjects of the module:	Innovation & Innovation Management		
Lecture types:	SU/Ü - lecture with integrated exercises		
Examinations:	PA - Project report. Seminar work. Written composition approx. 10-15 pages with presentation 15-30 minutes.		
Usability for other study programs:	None		
Prerequisites according examination regulation:			
None			
Recommended prerequisites:			
None			
Objectives:			
<p>The course provides the theory and tools required to understand and apply innovation practices within startup and corporate context. During the course, the student will deliver:</p> <ul style="list-style-type: none"> • a startup project, using the principles of Lean Startup in order to provide a innovative solution to the market • a corporate innovation project, using management tools to provide innovation cycles within established companies <p>This discipline uses the project-based learning method, which allow students to learn through the application of the basic theory behind innovation management in real management contexts.</p>			
Content:			
<ul style="list-style-type: none"> • Ideation / Design Thinking • Value Proposition Design • Business model canvas • Business model innovation • Minimal viable product (MVP) and testing • Prototyping • Business plan 			

<ul style="list-style-type: none">• Pitch presentations• Corporate Innovation• Innovation cycles and product development
Literature:
<p><i>Compulsory:</i></p> <ul style="list-style-type: none">• RIES, Eric, 2017. <i>The lean startup: how today's entrepreneurs use continuous innovation to create radically successful businesses</i>. 2017. Edition. New York: Currency. ISBN 978-1-5247-6240-7• OSTERWALDER, Alexander und Yves PIGNEUR, 2010. <i>Business model generation: a handbook for visionaries, game changers, and challengers</i>. Hoboken, NJ: Wiley. ISBN 978-0-470-87641-1, 0-470-87641-7 <p><i>Recommended:</i></p> <ul style="list-style-type: none">• GASSMANN, Oliver, Karolin FRANKENBERGER und Michaela CHOUDURY, 2014. <i>The business model navigator: 55 models that will revolutionise your business</i>. Harlow [a.o.]: Pearson. ISBN 978-1-292-06581-6• OSTERWALDER, Alexander und Trish PAPADAKOS, 2014. <i>Value proposition design: how to create products and services customers want</i>. Hoboken, NJ: Wiley. ISBN 978-1-118-96805-5, 1-118-96805-0• CROLL, Alistair und Benjamin YOSKOVITZ, 2013. <i>Lean analytics: use data to build a better startup faster</i>. 1. Edition. Beijing [a.o.]: O'Reilly. ISBN 978-1-449-33567-0, 1-449-33567-5
Additional remarks:
None

Digital Analytics and Artificial Intelligence in Retailing			
Module abbreviation:	RCM_DA&AIR_1.3 Ind. Elective	SPO-No.:	1.3.6
Curriculum:	Programme	Module type	Semester
	Retail and Consumer Management (WS 17/18)	Elective	1
Module attributes:	Language of instruction	Duration of module	Frequency of offer
	English	1 Semester	Winter semester
Responsible for module:	Jungbluth, Michael		
Lecturers:	Jungbluth, Michael		
Credit points / SWS:	5 ECTS / 4 SWS		
Workload:	Contact hours:	47 h	
	Self-study:	78 h	
	Total:	125 h	
Subjects of the module:	Digital Analytics and Artificial Intelligence in Retailing		
Lecture types:	SU/Ü - lecture with integrated exercises		
Examinations:	PA - Project report. Seminar work. Written composition approx. 10-15 pages with presentation 15-30 minutes.		
Usability for other study programs:	The module is offered as an elective subject in the Master's Program 'Entrepreneurship and Digital Business' as well.		
Prerequisites according examination regulation:			
None			
Recommended prerequisites:			
None			
Objectives:			
<ul style="list-style-type: none"> As defined by the Digital Analytics Association, the analysis of digital data refers to information collected in interactive channels (online, mobile, social, etc.). Digital Analytics has become an integral part of core business strategies and maintaining a competitive edge. Students will learn essential contributions of applied data science, modern technology and artificial intelligence in retail and consumer commerce. Students will receive a profound overview on essential data science methodologies (descriptive, predictive, prescriptive), each within a dedicated retail business context. The course enables students to later act as cross-functional analytics "translators", not as functional experts. Analytics "translators" draw on their domain-, analytics- and technology know-how to help business leaders identify and prioritize their business problems while working closely with multiple functional experts and stakeholders. Students will understand, how predominantly digital challenges can be addressed and automated through analytics and AI to augment retail value chains for sustainable competitive advantages. 			
Content:			
<ul style="list-style-type: none"> Approximately 1/3 of each lesson will be devoted to the underlying analytics theory, to selected use cases within the field of retailing and to hands-on problem solving with open source software. 			

- We cover methods of data exploration, inference and hypothesis testing, clustering and segmentation, visualization and storytelling, regression, decision trees, experiments, testing and causation, recommendation engines, big data, machine learning and AI.
- Google Analytics will be introduced as the current market dominating digital analytics tool. Utilizing Google Analytics, students will learn how to use Digital Analytic software technology in the context of analytical, exploratory and reporting capabilities. Students will learn by doing: that is, guided by the instructor and using software, they will focus on data discovery and communicating insights.
- Open source code will be provided as Google Collaboratory notebooks for best traceability and learning support for IT-savvy as well as non-IT-savvy students.

Literature:*Compulsory:*

- KUMAR, U Dinesh, 2017. *Business Analytics: The Science of Data-Driven Decision Making*. India: Wiley. ISBN 9788126568772
- KAMKI, Jumin, 2017. *Digital Analytics: Data Driven Decision Making in Digital World*. 1. Edition. ISBN 978-1946556196

Recommended:

- SPONDER, Marshall und Gohar F. KHAN, 2018. *Digital analytics for marketing*. New York and London: Routledge, Taylor & Francis Group. ISBN 978-1-138-19067-2, 978-1-138-19068-9
- MOKALIS, Alexa L. und Joel J. DAVIS, 2018. *Google Analytics Demystified*. 4. Edition. ISBN 978-1545486917
- WHEELAN, Charles J., 2013. *Naked statistics: stripping the dread from the data*. 1. Edition. New York [a.o.]: Norton & Company. ISBN 978-0-393-07195-5, 978-0-393-34777-7
- KAHN, Barbara E., 2021. *The Shopping Revolution, Updated and Expanded Edition: How Retailers Succeed in an Era of Endless Disruption Accelerated by COVID-19*. ISBN 978-1613631140
- SCHMARZO, Bill, 2020. *The Economics of Data, Analytics and Digital Transformation: The theorems, laws and empowerments to guide your organization's digital transformation*. 1. Edition. Birmingham - Mumbai: Packt Publishing. ISBN 978-1800561410

Additional remarks:

None

3.3 Voluntary Elective Subjects

The following modules can be taken voluntarily. There is no crediting of ECTS.

Science Skills in Retailing			
Module abbreviation:	RCM_SSR	SPO-No.:	N/A
Curriculum:	Programme	Module type	Semester
	Retail and Consumer Management (SPO WS 17/18)	Voluntary elective subject	2
Module attributes:	Language of instruction	Duration of module	Frequency of offer
	English	1 Semester	Only summer term
Responsible for module:	Jungbluth, Michael		
Lecturers:	Jungbluth, Michael		
Credit points / SWS:	0 ECTS / 2 SWS		
Workload:	Contact hours:	24 h	
	Self-study:	24 h	
	Total:	48 h	
Subjects of the module:	Science Skills in Retailing (RCM_SSR)		
Lecture types:	SU/Ü - lecture with integrated exercises		
Examinations:	Without performance record		
Usability for other study programs:	The module is offered as an optional elective subject in the Bachelor's Program 'International Retail Management' (IHM) as well.		
Prerequisites according examination regulation:			
None			
Recommended prerequisites:			
None			
Objectives:			
<ul style="list-style-type: none"> • Students will understand, under which circumstances retail settings require a dedicated research design to answer managerial questions properly. • Students will receive a hands-on introduction to the required toolset enabling the preparation, execution and analysis of a research design (Google Colab runtime environment, R, python). • Students will build their own retail research design from scratch in class, while reflecting step by step on the important aspects of this research design. • Finally, we discuss the basics of building a proper survey to collect the necessary data for identification and interpretation. 			
Content:			
<ul style="list-style-type: none"> • Hands-on introduction to Google Colab, R and Python in comparison to Excel. • Empirical research and measurement: Why research needs a design? • Research questions in retail: Why hypothesis testing? • Describing relationships (causality vs. correlation) • Identification and causal diagrams • Observed vs. unobserved information • Controlling for „back doors“ and the benefit of RCTs 			

<ul style="list-style-type: none">• Measuring constructs and scales to build a survey
Literature:
<p><i>Compulsory:</i></p> <ul style="list-style-type: none">• Huntington-Klein, N. (2022). <i>The Effect: An Introduction to Research Design and Causality</i>. CRC Press. Boca Raton. <p><i>Recommended:</i></p> <ul style="list-style-type: none">• Chapman, C. and McDonnell Feit, E. (2019). <i>R for Marketing Research and Analytics</i>. 2nd Edition. Springer. Cham.• Schwarz, J. and Chapman, C. and McDonnell Feit (2020). <i>Python for Marketing Research and Analytics</i>. 3rd Edition. Springer. Cham.
Additional remarks:
None

German A1 intensive***			
Module abbreviation:	SZ_GERM_INTENS_A1	SPO-No.:	N/A
Curriculum:	Programme	Module type	Semester
	Retail and Consumer Management (WS 17/18)	Prerequisite	1
Module attributes:	Language of instruction	Duration of module	Frequency of offer
	German	1 Semester	Winter semester
Responsible for module:	Copelea, Michaela		
Lecturers:	Copelea, Michaela; Klink, Emma; Kloiber, Tanja		
Credit points / SWS:	0 ECTS / 4 SWS		
Workload:	Contact hours:	47 h	
	Self-study:	78 h	
	Total:	125 h	
Subjects of the module:	German A1 intensive		
Lecture types:	SU/Ü - lecture with integrated exercises		
Examinations:	LN - written exam, 90 minutes		
Usability for other study programs:	None		
Prerequisites according examination regulation:			
None			
Recommended prerequisites:			
None			
Objectives:			
<p>The students are able to</p> <ul style="list-style-type: none"> • understand and use familiar everyday expressions and simple phrases, which relate to the satisfaction of concrete needs • introduce themselves and others • ask and answer questions about personal details (name, origin, interests, ...) • communicate in a simple manner 			
Content:			
<p>Acquisition of most fundamental language concepts allowing students to communicate in everyday situations, evaluate situations, communicate wishes and preferences and gain basic communication skills, e.g.</p> <ul style="list-style-type: none"> • alphabet, numbers and ordinal numbers • pronunciation • word types (nouns, verbs, adjectives, pronouns, prepositions) • tenses (present tense, perfect tense, past tense) • most common regular and irregular verbs, reflexive verbs, modal verbs, separable verbs • negation and questions 			

Literature:*Compulsory:*

- KRENN, Wilfried und Herbert PUCHTA, 2016. *Motive: Kompaktkurs DaF : Deutsch als Fremdsprache : Kursbuch, Lektion 1–30 : A1, A2, B1*. München: Hueber Verlag. ISBN 978-3-19-001878-9, 3-19-001878-2

Additional remarks:

This course aims at our degree seeking students who must give proof of German A1 after their first semester. In addition, we recommend to participate in German A1 extension course as well in order to pass the exam.
Minimum number of students: 8

***For all other foreign language courses please refer to the Module Handbook of THI Language Centre [here](#).