



Remondis Corporate Innovation

Module title:

Remondis Corporate Innovation

Credits:

6

Responsible person:

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<https://www.imes.tu-berlin.de/home/overview/>
Display language:

Englisch

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Learning Outcomes

- Students acquire the abilities to systematically analyse scientific literature in various fields, e.g. Innovation, Circular Economy, Industrial Ecology and tying the knowledge to business cases while working in teams under real business conditions. Practical application methods such as Design Thinking Methods and ideation supplement the learning outcomes.
- The ability to reflect the effects of business innovation in respect to the social and ecological environment (system thinking)
- Development of deep understanding of connections and interrelatedness of new technologies, changes in societal trends and behaviors. and the environment (waste streams, effect on nature)
- The ability to use new acquired knowledge to create solutions for real world business challenges

Content

The module is an interactive learning course where students work together in small teams to come up with a scientifically based proposal on how to tackle real world business challenges in the field of circular economy, digital business models and recycling. Close collaboration through expert interviews, guest lectures and mentoring provided by Remondis support the group work on case studies with a focus on digital business models. The students will learn about the interconnectedness of systems and how business practices and decisions affect the environment. Next to the development of scientific research skills, the students will learn how to apply design thinking and ideation methods. The students will be working in small teams to produce written and oral outputs based on existing research and their own empirical research outcomes through testing and expert interviews. The students will be graded on their written and oral presentation performances by both academic and professional experts.

Module Components

Course Name	Type	Number	Cycle	SWS
Remondis Corporate Innovation	IV	3633 L 10174	WS/SS	4

Workload and Credit Points

Remondis Corporate Innovation (Integrierte Veranstaltung)	Multiplier	Hours	Total
Class attendance	15.0	4.0h	60.0h
Course preparation and readings	15.0	1.0h	15.0h
Presentation preparation	105.0	1.0h	105.0h
			180.0h

The Workload of the module sums up to 180.0 Hours. Therefore the module contains 6 Credits.

Description of Teaching and Learning Methods

- Introduction to the Circular Economy and recycling industry by guest lectures from Remondis experts - Design Thinking and ideation workshops
- Guest lectures, interviews and mentoring from Remondis experts
- Tour of Remondis headquarters
- Analysis of research studies and academic papers

Requirements for participation and examination

Desirable prerequisites for participation in the courses:

Masterstudent in Innovation Management, Entrepreneurship, and Sustainability

Mandatory requirements for the module test application:

No information

Module completion

Grading:

graded

Type of exam:

Portfolio examination
100 points in total

Language:

English

Grading scale:

Note:	1.0	1.3	1.7	2.0	2.3	2.7	3.0	3.3	3.7	4.0
Punkte:	90.0	85.0	80.0	76.0	72.0	67.0	63.0	59.0	54.0	50.0

Test description:

The portfolio examination consists of the following elements, adding up to a maximum of 100 credits. The grading follows the joint conversion key of the School of Economics and Management (decision of the school's council dated May 28, 2014 - FKR VII-4/8-28.05.2014).

Test elements	Categorie	Points	Duration/Extent
Research Proposal	written	10	2-4 pages
Interim presentation	oral	15	10 min
Written, scientific paper	written	40	7 - 10 pages per person, total max. 30 pages
Final presentation	oral	35	15 -20 min

Duration of the Module

This module can be completed in one semester.

Maximum Number of Participants

The maximum capacity of students is 30

Registration Procedures

Application information can be found on our homepage https://www.imes.tu-berlin.de/home/module_overview/.

Recommended reading, Lecture notes**Lecture notes:**

unavailable

Electronical lecture notes :

unavailable

Assigned Degree Programs

This module is used in the following modulelists:

Miscellaneous

No information

Joint supervision of TU Berlin & REMONDIS

Supervision



Ines Wolf

Manager of the IMES programme,
TU Berlin

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Daniel Natrup

REMONDIS Innovation Hub

daniel.natrup@remondis.de

Timeline



06 October 2019 - Application Deadline

Application with CV (English or German) and brief motivation for participation with topic preference (3-4 sentences) to daniel.natrup@remondis.de. Confirmation until 11 October 2019.

16 October 2019, 14:00-17:00 - Kick-Off Meeting, Berlin

Introduction to REMONDIS & Seminar (180 minutes)

17 October 2019 - Deep-Dive Meeting, Lünen

Second meeting (180 minutes) at REMONDIS HQ including expert interviews about each topic plus guided tour of the Lippe Plant

29 November 2019 - Interim presentation, Berlin

Project groups organise content independently in accordance to their research (180 minutes)

16 January 2020 - Closing Event, Lünen

Final meeting where groups present their conclusions and experts evaluate their work at REMONDIS HQ (180 minutes)

26 January 2020 - Deadline Term Paper