Information about "Projects" (5th semester)

Prof. Dr. Weide

Agenda of this Presentation:

Part 1:   Objectives, organisation, …

Part 2:   Registration, grades, …

course „projects" (5th semester)

- for more than 20 years we handle successful student projects at our department
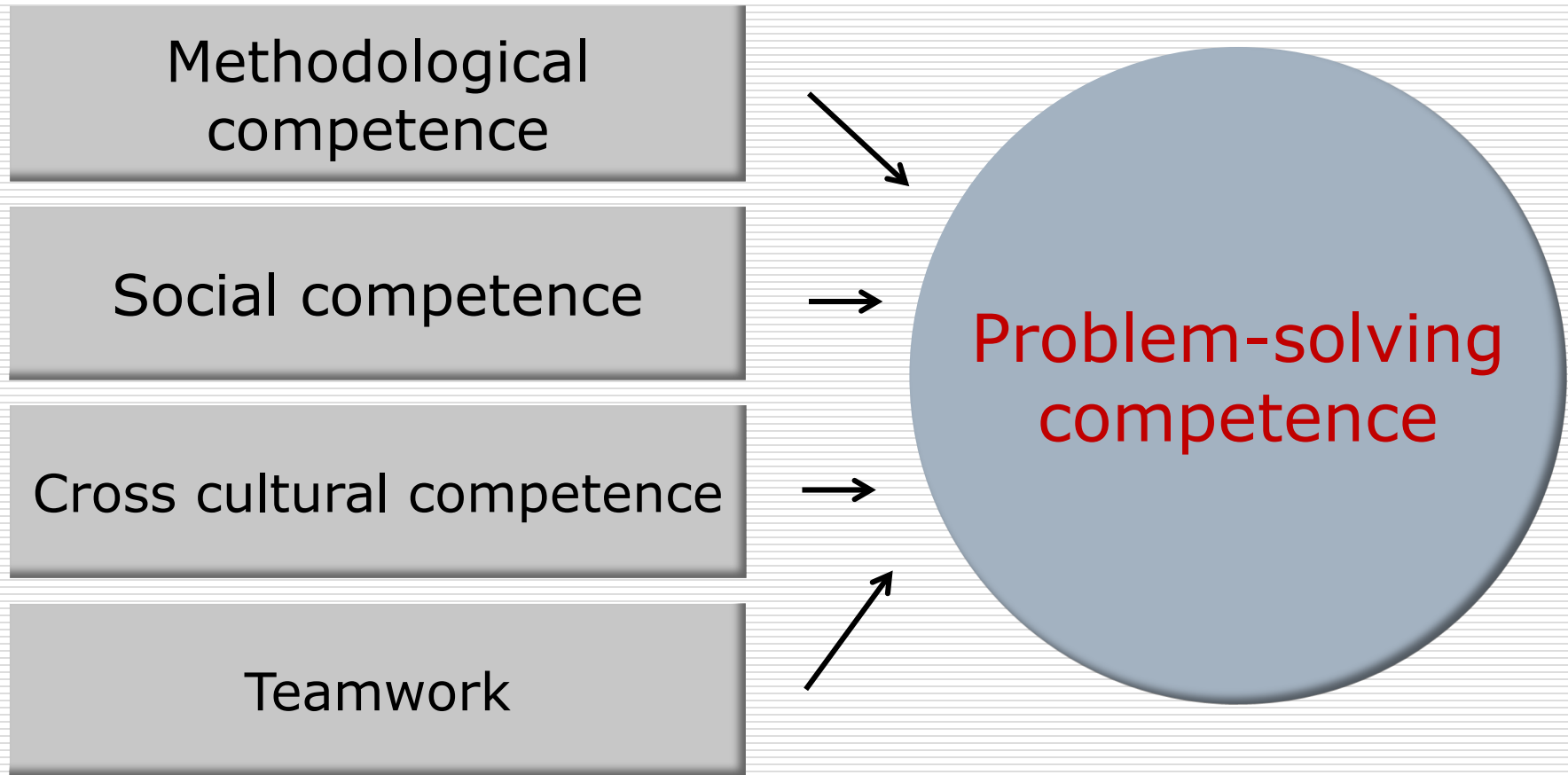- "projects" in the 5th semester are for sure the most challenging project work

What's it all about?

- Industry-related environment
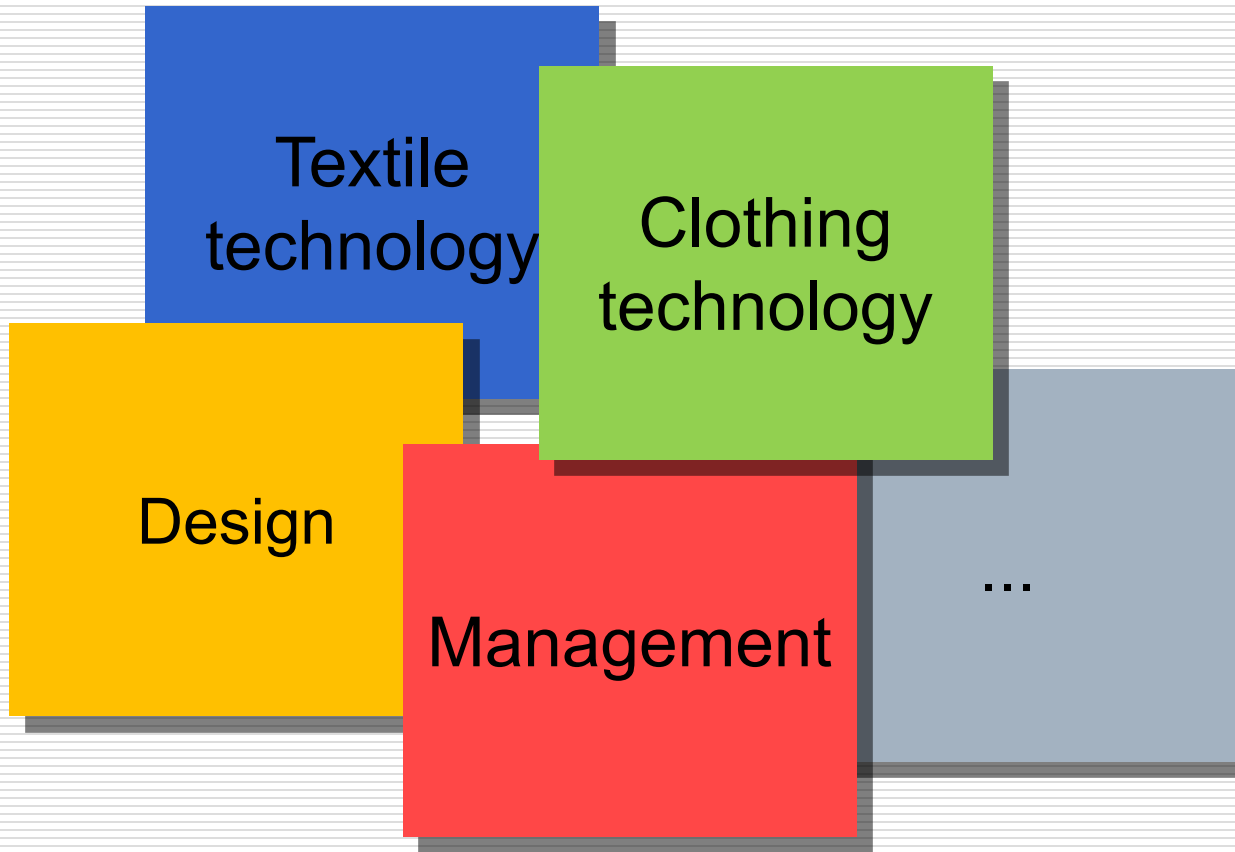
- Complex topics

- Self-responsible, self-organized work

Primary objectives

Methodological competence	→
Social competence	→
Cross cultural competence	→
Teamwork	↗

Problem-solving competence

Secondary objective: professional competence

Textile technology

Clothing technology

Design

Management

...

Important skills for employers

- Communication skills/
  Ability to work in teams

- Problem-solving competence

- Self-regulated, self-motivated learning

- Autonomous work

**Priority 1:
99 – 96%**

- <u>Broad</u> knowledge about field of work

**Priority 2:
87%**

- Specialised knowledge

**Lower priority!
68%**

Qualifikationsrahmen Bologna-Prozess, Auszug: Gehmling, FH Osnabrück, Linz

Examples of former semesters

WS19-20: Development of a multifunctional Unisex collection: **OEKO-TEX® Service GmbH Zürich (CH)**

WS20-21
Development of the sleeping bag of the future
Varietex GmbH, **Marke Einel**

WS 22-23: Multifunctional Outfit for Kids for a safe way to school: **Epson Deutschland GmbH**

WS 22-23: Workshop-Concept for conscious handling with clothes: **Initiative Fairquer FB07**

Wintermantel-Schlafsack-Kombination

wafe
warm & safe

WS 21-22: Development of sleeping bag/winter coat combination for homeless people:
Themensteller: Rotary Club Mönchengladbach Gero

Topic creator / Themensteller

WS 2024-25

External

American Sports Mönchengladbach e.V.
Abteilung „**Moonlight Cheerdance**"

COLOURS & SONS GmbH, Mönchengladbach

EPSON Deutschland GmbH, Düsseldorf

FARE - Guenther Fassbender GmbH, Remscheid

FEMNET e.V. Bonn

Gebrüder Jäger GmbH, Wuppertal

Gleistein GmbH, Bremen

Kelheim Fibres GmbH, Kelheim

Salzburger Festspiele, Salzburg (A) / Studentin **Magdalena Bosch**

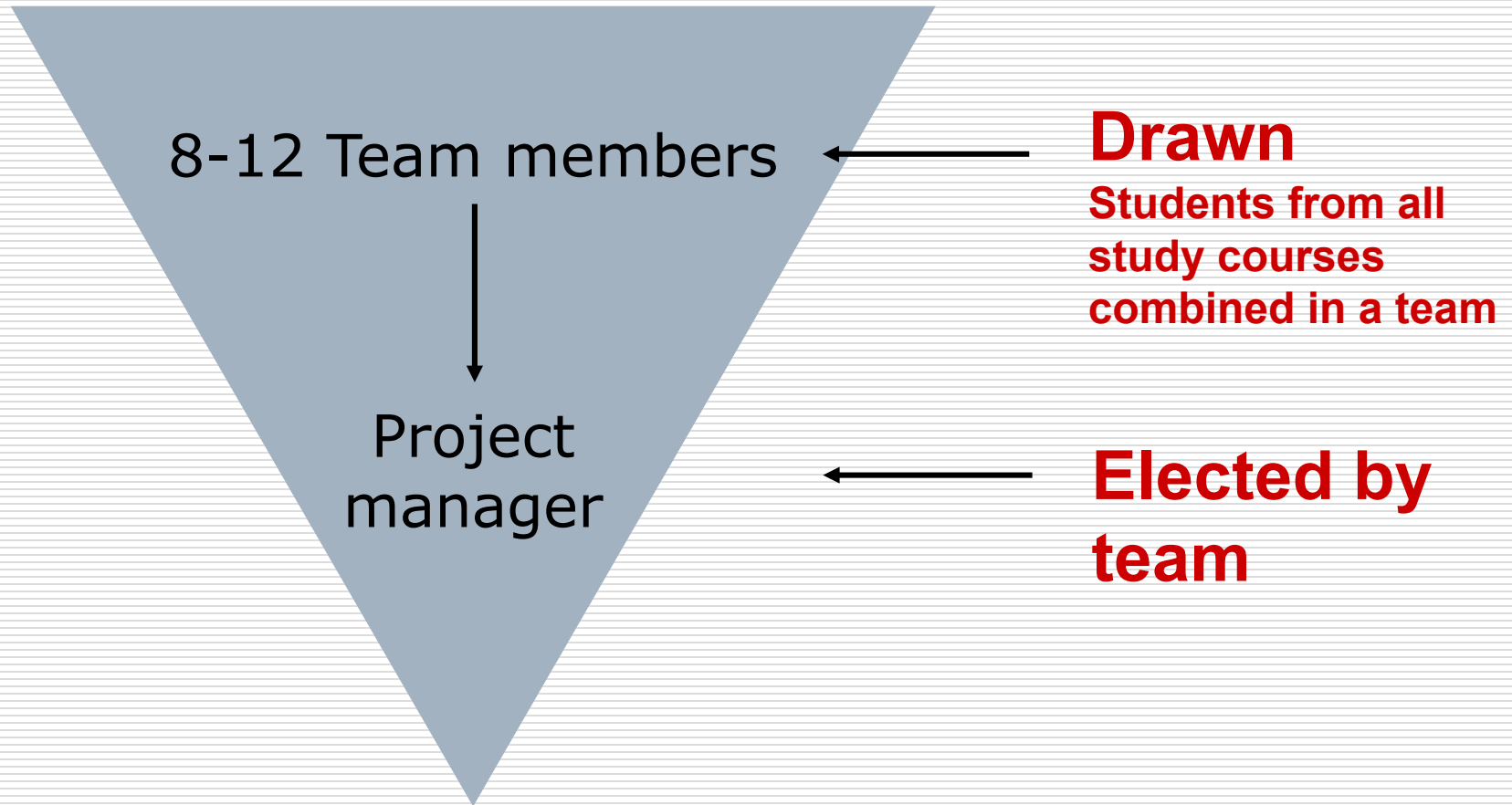**Sonepar** Deutschland GmbH, Hannover

Students

Sofie Andersson, Shern Goh - BA Textile and Clothing Management

Margeaux Rotenberg, Leon Laaser - BA Textil- und Bekleidungstechnik
mit Referat Hochschulkommunikation und
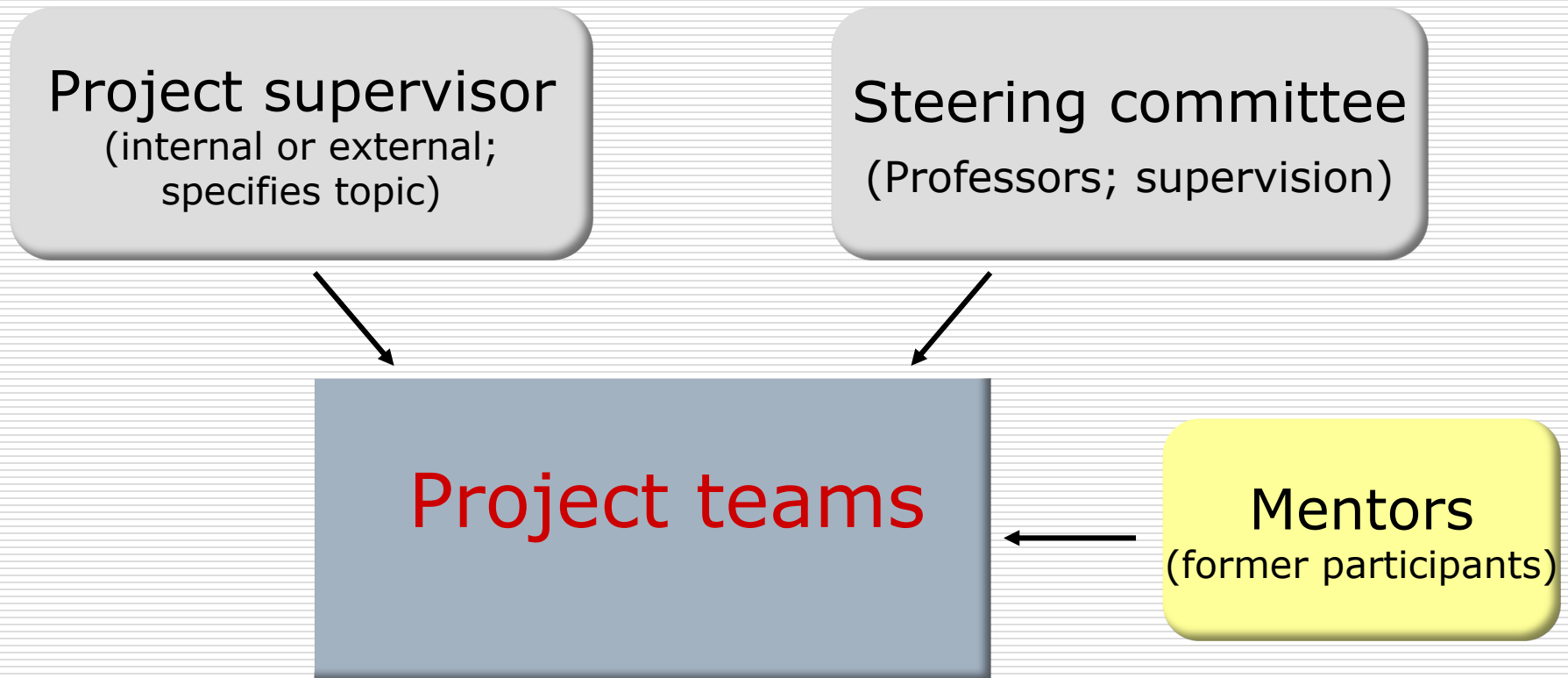Stabsstelle für Nachhaltigkeit und Diversität der HSNR

Project team

8-12 Team members

Project manager

Drawn
Students from all study courses combined in a team

Elected by team

Topics are alloted!

Project structure

Project supervisor
(internal or external;
specifies topic)

Steering committee
(Professors; supervision)

Project teams

Mentors
(former participants)
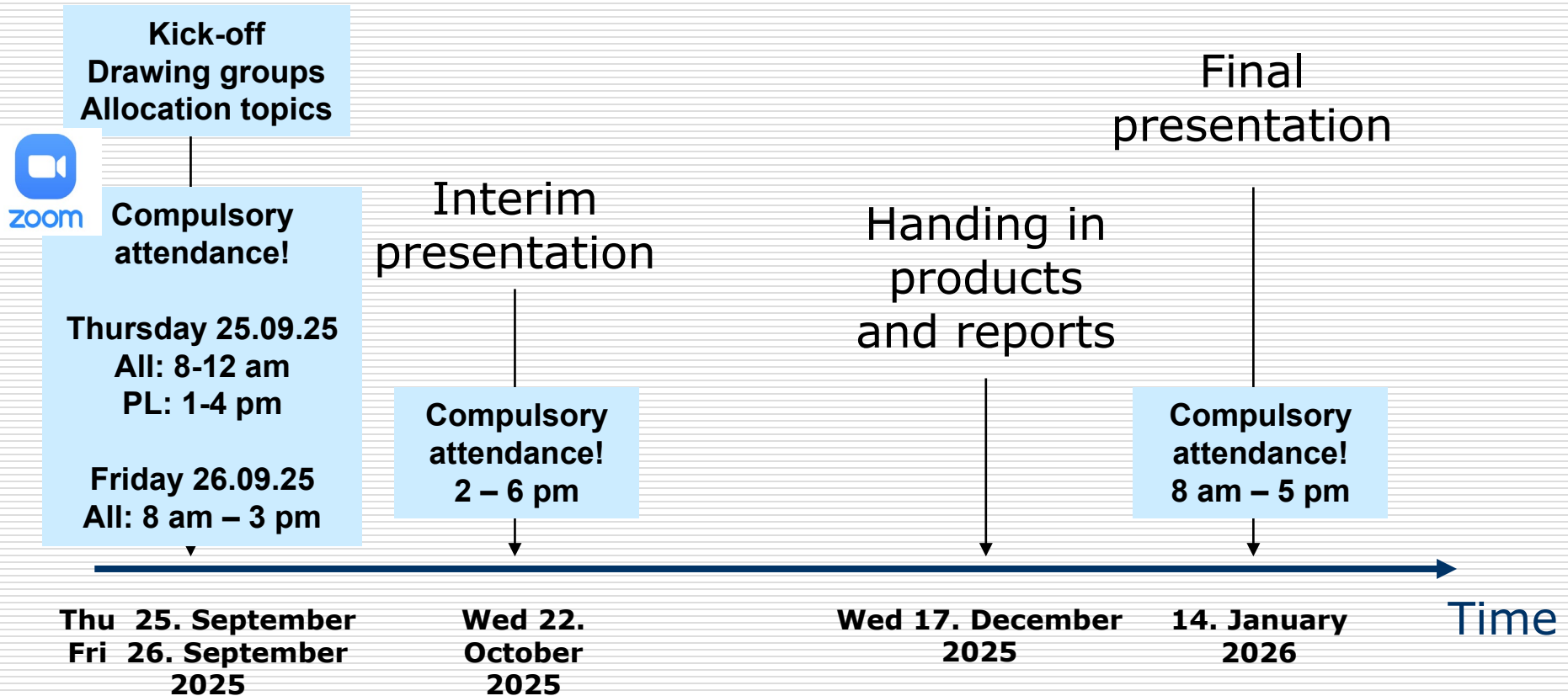
Project supervisor (internal or external)

- Companies (e.g. Epson)
- Organizations (e.g. Borussia MG)
- Professors of our department
- Students, but
  - maximum 2 students
  - during project time the role of the supervisor will be executed by a member of the steering committee

Steering committee (status: March 2025)

- Beer
- Breckenfelder
- Groten
- Heinemann
- Mahltig

- Muth
- Rieschel
- Wachs
- Weide
- Zöll

Milestones in winter term 2025/26

**Kick-off
Drawing groups
Allocation topics**

zoom

**Compulsory
attendance!**

**Thursday 25.09.25
All: 8-12 am
PL: 1-4 pm**

**Friday 26.09.25
All: 8 am – 3 pm**

Interim
presentation

**Compulsory
attendance!
2 – 6 pm**

Handing in
products
and reports

Final
presentation

**Compulsory
attendance!
8 am – 5 pm**

**Thu 25. September
Fri 26. September
2025**

**Wed 22.
October
2025**

**Wed 17. December
2025**

**14. January
2026**

Time

15

Project organisation:
Kick-off days 25. and 26.09.25

- The kick-off days are free of lectures for all students in the 5th semester.

- On Thursday (25.09.) of the kick-off days the kick-off meeting is compulsory for every participant (8-12). The team assignment will take place on this day.

- After the meeting the teams choose their project manager. On Thursday afternoon these project managers will have a short training.

Project organisation: Kick-off days

- On Friday (26.09.) you will have the first team meetings (all-day)!

- So once again: attendance on Thursday and Friday is compulsory!

Jour Fix

- starts on Wednesday 01.10.25

- Every Wednesday from 4 - 6 pm
  (often Teams start from 2pm)

- Team meetings with compulsory attendance!

- Project leader participate on few dates (usually 2 times) at meetings of steering committee at 3 pm.

Workload

- 7 CP : 25-30 h / 1 CP ➔

- total   workload   **180 h**

- time for presentations and jour fix
  meetings   -   60 h

- Workload for *individual* project work   **120 h**

- 12 weeks => **10 h /week**

Project organisation: Application

- Students have to apply for the projects!

- This is possible by an online application on the departments' website (started already). Please apply till the 22th of June!

  This important for internal planning!
  (number of topics, number of englisch Teams, etc.)

Hochschule Niederrhein
University of Applied Sciences

Prospective students ⌄   Students ⌄   International ⌄   Faculties ⌄   Research and transfer ⌄   University ⌄

Faculty
Textile and Clothing Technology

Hochschule Niederrhein. Your way.

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Prospective students

Students

Research

Company

Faculty

Schools

Textile and Clothing Technology
students

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⌄ Current dates	⌄ Timetables	⌄ First-Year Students
⌄ Curriculum	⌄ Final Workshops	⌄ Examinations
⌄ Theses	⌄ Projects/Student Assignments	⌄ Practice/Semester Abroad
⌄ Service/Consulting	⌄ Faculty Student Council	⌄ Fairquer
⌄ Re-Registration		

tration deadline!

30.06.25 Deadline for submission of the study works

Please use the German application form ⟩

Projects

Student projects are important building blocks in the studies at the Faculty of Textile and Clothing Technology, both in the Bachelor and Master Degree programmes.

Here you can find out the latest news and interesting results and register for the 5th semester projects at specific times.

Projects (5th semester) ⌄

Project registration ⟩

Projects (5th sem.) ⟩

Master R&D projects ⟩

Form Application Projects

Nachname/family name*

Vorname/first name*

Matrikelnummer/student ID*

TCM (eng)

Studiengang/study course*

weniger als/less than 4

Ihr Fachsemester zum Zeitpunkt Projekte/ [...] *

ja unbedingt / yes it's a must

Optionen Teilnahme englische Teams/options participation English teams*

eMail Adresse/address*

○ ich bin alte PO / I'm in old ER

○ alle Prüfungen erledigt / passed all examinati[...]

○ 1-2 Prüfungen noch offen / 1-2 examinations still open

○ 3-4 Prüfungen noch offen / 3-4 examinations still open

○ mehr als 4 Prüfungen noch offen / more than [...]

Aktueller Pruefungsstatus / actual situation examinations*

○ Der Erklärung zu den Nutzungsrechten stimme ich zu. / I agree with the declaration to the Rights of use.

○ Der Erklärung zu den Nutzungsrechten stimme ich NICHT zu. / I do NOT agree with the declaration to the Rights of Use.

Nutzungsrechte/Rights of Use*

☐ Ich stimme der Datenschutzerklärung zu. / I agree with the Data Protection Statement.

Datenschutz/Data Protection*

_

Anmerkung/remark*

Senden/submit

Annotations:

Missing exams out of first and second semester

No external topics when „NOT agree"

Language Englisch:
- yes it's a must
- I agree
- not at all

Important: CORRECT student email-address
(if you don't get a confirmation mail you are not registered!!)

You are not registered if you don't get a confirmation email!!!!

Prerequisite in ER 2017

- **All examinations in** module 1 – 11 must be passed <u>at the beginning</u> of projects

- **No exceptions!**

- 3rd examination period may be used to pass open examinations (start of project at own risk!)

- Specify your actual status in the online application for projects

TCM-10	1	**Scientific Working and Study Tools**	
		Scientific Working and Study Tools	
TCM-20	2	**Textile Materials**	
TCM-21	2.1	Textile Materials	
TCM-22	2.2	Practical Training Textile Materials	
TCM-30	3	**Basics of Textiles**	
	3.1	Yarn Technology	
	3.2	Fabric Technology	
TCM-40	4	**Mathematics**	
		Business Mathematics	
TCM-50	5	**Natural Sciences**	
TCM-51	5.1	General Chemistry	
	5.2	Organic Chemistry	
TCM-52	5.3	Physics	
TCM-60	6	**Information Technology**	
	6.1	Computer Applications	
	6.2	Internet and eBusiness	
TCM-70	7	**Business Sciences**	
	7.1	Economics	
	7.2	Business Administration	
TCM-80	8	**Textile Technologies**	
	8.1	Non-wovens	
	8.2	Spinning	
TCM-90	9	**Communication and Teamwork**	
TCM-91	9.1	Communication and Presentation	
TCM-92	9.2	Project Management	
TCM-93	9.3	Intercultural Management	
TCM-100	10	**Basics of Clothing**	
TCM-101	10.1	Clothing Technology	
TCM-102	10.2	Pattern Making	
TCM-103	10.3	CAD Construction of Garments	
TCM-110	11	**Textile Chain**	
		Textile Chain	

Project teams: Formation

- The assignment to a group is done by draw.

  It is intended that members of every branch of studies belong to a team (TCM, TuB – TT, TuB – BT, DI – T, DI – M).

- Because there are German and English teams you can specify in the online application if you are willing to participate in a project with another language than your studies.

Project teams: Assignment

- If the subject of a team has been proposed by a student he/she will belong to this group. This cannot be requested for additional persons.

- In general a change between groups after the draws is not possible. Only in very special cases the steering committee will allow this.

Grades

- This course is graded with individual grades.

- The grade is determined by:

  - Quality of own work

  - Regular participation

  - Task reports

  - Final result of the project (product and process)

  - Individual report

  - Judgment of supervisor

  - Engagement, flexibility and creativity

Grades (in detail)

Part	Performance	Weight (%)
Project result (product)	quality of result with respect to goals	20
Final report	No errors; clear description of goals, methods and results	10
Project management	Quality of project planning; internal and external organization	10
Interim presentation	See published criteria	5
Final presentation	See published criteria	10
Work packages	Quality of result of work packages	15
Individual report	No errors; clear description of own contribution to project	30

Please apply to projects in the coming days!