



Procedure and course offers for the Workshop Scientific Methods

in the Bachelor degree program
according to PO 2017

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1.1 General Information

- a. Several different courses can be individually selected and attended to complete the “workshop scientific methods”
- b. The total number of *credit points* (CP) must be **4**. Courses for which the number of credit points is not specified (see below) will be valuated by the head of the examination board. Before attending new courses please clarify the situation
- c. New courses which are not listed below have to be agreed upon with the head of the examination board **beforehand** and added to a Learning Agreement
- d. Pls list all courses, which should be credited for “Workshop Scientific Methods” on the **Summary of records to be used for „seminar scientific methods“** (docket), which can be downloaded from this web site. We may distinguish between following situations:
 - i. Participation at an elective course including the examination => the signature of the lecturer is not necessary because the result of the examination is recorded in your student account. You have to apply to the examination within the standard procedure. Also your grade is passed by the lecturer to the examination office. Just list name and examination date of the course on the tracking sheet.
 - ii. Participation at an elective course without passing the examination => the signature of the lecturer or a certificate of attendance is necessary. Please check **at the beginning** of the course what is necessary to receive such a certificate and make sure that you receive either the signature or the certificate just after the end of the course. Be aware of the fact that lecturers are not obliged to give a certificate of attendance. Clarify this directly with the lecturer if not specified below. In these cases students have to pass the examination.
 - iii. Attendance at one of the seminars offered by the department 07 in presence or digital => your participation will be captured in HiO, signature on docket is not necessary.
 - iv. Attendance at seminars offered by the HLL or at the “Summer Academy” or external seminars => the certificate of attendance (a copy) must be attached to the tracking sheet

After you have received the **4** CP pass the filled docket as well as all certificates to your head of the examination board or designated person. They will verify the “workshop scientific methods” to your student account.

An application for it in the examination application period is not necessary

1.2 Accepted courses

- a. Seminars offered by the department “Textile and Clothing Technology” with special focus on a usage for the “workshop scientific methods”
For details please see the dedicated information about those seminars
- b. special events of the Department of Textile and Clothing Technology in coordination with the chairmen of the examination boards
- c. Courses by the *Hochschulzentrums für Lehre und Lernen (HLL)* (if listed below)
- d. Some courses by the Summer Academy run by the HN (listed below)
Registration for courses at HLL must include the student's matriculation number and department. Please be aware of the fact that in general only 50% of participants may belong to a single department to give all students from all departments a chance to apply to a course
- e. Taking on a tutorial after a successful participation of a tutorial prep-course or offering a revision course. In total a maximum of 2 CP can be credited.
- f. Taking on a freshmen tutorial after a successful participation of a tutorial prep-course and participation in “study workshop II”: 1,5 CP.
- g. The courses listed below which are part of the elective study catalogue, as long as they are not already used for the elective subject module. **Courses that are not listed cannot be used independent if an examination is made or not.** Attention: not all courses are offered every semester!
- h. Industry seminars, that are methodologically based, e.g. a seminar such as: introduction to SAP. An agreement on this with the head of your examination board is mandatory
- i. Block seminar MTM (Methods-Time-Measurements = Methodenzeitmessung) at the department „Maschinenbau und Verfahrenstechnik“; more information is available here:
<https://www.hs-niederrhein.de/maschinenbau-verfahrenstechnik/ueber-den-fachbereich/personenseite-limbach/>
Attention: the seminar is in German and with costs. The seminar is valued with 4 CP
- j. Participation and certification of a REFA course will be credited with 4 CP when the REFA sheet is presented
- k. Participation and certification of a basic training (Grundausbildung) of the THW (Technisches Hilfswerk), more information is available here:
https://www.thw.de/DE/Mitmachen-Unterstuetzen/Ausbildung/Grundausbildung/grundausbildung_node.html?noMobile=1
The seminar is valued with 4 CP.

1.3 Not accepted courses

- a. Language courses (credit for language courses is not possible in PO2017)
- b. Courses by the *Volkshochschule*

1.4 Score points system (CP)

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|----|--|--------|
| a) | 4 hour long elective subject module with exam | 4 CP |
| b) | 4 hour long elective subject module without exam and cert. of participation | 3 CP |
| c) | 2 hour long elective subject module with exam | 2 CP |
| d) | 2 hour long elective subject module without exam and cert. of participation | 1.5 CP |
| e) | Block/continuous course running for 48 hours with exam | 4 CP |
| f) | Block/continuous course running for 48 hours without exam and cert. of part. | 3 CP |
| g) | Block/continuous course running for 24 hours with exam | 2 CP |
| h) | Block/continuous course running for 24 hours without exam and cert. of part. | 1.5 CP |
| i) | 2-day Blockcourse / HLL – course | 1 CP |
| j) | 1-day Blockcourse / HLL – course | 0.5 CP |
| k) | Tutorial with tutorial prep-course | 2 CP |
| l) | Offering a revision course with tutorial prep-course | 2 CP |

1.5 Winteracademy / Summeracademy

Summeracademy 2026		
Seminar	Datum	CP
Kreativitätstraining: Für Einfalls-Reiche und solche, die es gerne werden wollen	Montag, 14.09.2026	0,5
Selbstmanagement - Stimmiges Balancieren vielfältiger Anforderungen	Mittwoch, 16.09.2026	0,5
Konfliktmanagement - Mit Haltung, Klarheit und guter Kommunikation	Samstag, 26.09.2026	0,5

Registration via the Summer/Winter Academy website.

Please be aware of the following facts: students will only receive a certificate at the end of the course if they actively participate during the entire course. The lecturer will not sign on your tracking sheet. Instead, attach a copy of the certificate to it.

Only a maximum of 50% of the available seats are offered to the department Textile and Clothing Technology.

1.6 Data Awareness Rallye

Summerterm 2023		
Seminar	Datum	CP
Data Awareness Rallye	17.04.- 23.06.2023	2

Limited number of places, registration via Moodle, places allocated according to enrollment date in the Moodle room.

1.7 Accepted elective Courses

Courses not listed here will not be accepted! (mostly German, the number in brackets indicates the number of semester hours and credit points).

Note: it is not assured, that every course is offered each semester! Pls check the current timetables.

665	Interview, Befragung und andere Forschungsmethoden im Einsatz (4)
669	Manuelle Färbe- und Mustertechniken (2)
674	Next Material – Expo (2)
678	Designkonzepte (2)
701	Angewandte Computergrafik (2)
702	Angewandte Führungslehre (2)
703	Angewandte Marktforschung (2)
706	Ausbildung von Ausbildern (4) – nur mit Prüfung
709	CAD Flachstrick (2)
710	CAD Illustration (2)
712	CAD Sketch (2)
717	CAD Technisches Zeichnen (2)
722	Excel-Intensivkurs (2)
726	Finite Elemente Methode für Textiler (2)
731	Grundlagen der Farbmessung (2)
734	Karriereplanung (2)
743	Modefotografie (4)
744	Modeillustration (4) – nur mit Prüfung
756	Softwareanwendungen Textilentwurf I (2)
757	Softwareanwendungen Textilentwurf II (2)
759	Spezielle CAD Textildruck (2)
763	Stilisieren, Interpretieren, Zeichentechniken (2)
775	Experimentelle Computergrafik (2)
780	CSR Management (2)
789	Indesign (2)
790	Grundlagen der 3D-Simulation (4)
261/2	CAD 2D/3D Clothing Construction
291	CAD Bandweberei (2)
292 / 711	CAD Schafsgewebe (2)
293	CAD Textildruck (2)
294	CAD Maschenware (2)

295	CAD Jacquardgewebe (2)
854	<p>Gewerblicher Rechtsschutz</p> <p>Achtung: in begrenzter Anzahl werden BA-Studierende zu diesem Master-Wahlfach zugelassen. Diese können KEINE Prüfung ablegen, aber bei erfolgreicher Teilnahme das Fach für das Methodenseminar (1,5 KP) verwenden. Dazu müssen sie, neben regelmäßiger Teilnahme, eine, im Niveau deutlicher geringerer als die Masterprüfung angelegte Recherche- Hausarbeit anfertigen.</p>