

## The list of available courses for Erasmus students in the study year 2024/2025 from the field of Textiles

### Undergraduate study programmes *Textile and Clothing Planning* and *Textile and Clothing Engineering*

#### **Autumn semester 2024/2025**

- Planning nonwovens and composites/Načrtovanje vlaknovin in kompozitov (4 ECTS)
- Planning finishing processes /Načrtovanje apreturnih postopkov (6 ECTS)
- Planning printing processes/Načrtovanje tiskarskih postopkov (6 ECTS)
- Dyeing/Barvanje (6 ECTS)
- Information sources and methodology of thesis work/Informatika in metodologija diplomskega dela (3 ECTS)

#### **Spring semester 2024/2025**

- English for Specific Purposes/Strokovna angleščina (4 ECTS)
- Nonwovens/Netkane tekstilije (4 ECTS)
- Finishing/Apretura (4 ECTS)
- Production planning and management/Planiranje in vodenje proizvodnje (4 ECTS)
- Quality management/Vodenje kakovosti (4 ECTS)
- Textile care 1/Nega tekstilij 1 (4 ECTS)
- Basics of dyeing/Osnove barvarstva (4 ECTS)
- Planning pre-treatment processes/Načrtovanje predplemenitilnih postopkov (6 ECTS)

#### **Important notes:**

Only one course can be chosen from other chairs of the Department of Textiles, Graphic Arts and Design, other departments of the Faculty of Natural Sciences and Engineering, or other faculties of the University of Ljubljana. The chosen course must be approved by the department coordinator (if the chosen course is from another chair or department) or the faculty coordinator (if the chosen course is from another faculty).

## Autumn semester 2024/2025

Course	Description of course	Hours				ECTS	Lecturer
		L	S	P	A		
<b>Planning nonwovens and composites</b>	Definitions and types of non-woven textiles; classification of non-woven textiles; theory and technology of process stages in non-woven textile production; extruded double or multi-layered composites; finishing non-woven textiles.	45	0	15	0	4	Assist Prof Dr Dunja Šajn Gorjanc dunja.sajn@ntf.uni-lj.si
<b>Planning finishing processes</b>	Classification of chemical and mechanical finishing; structure of finishes, aim and effect of finishing; effect of additives; processes and conditions of applications; evaluating the quality of finishing; environmental acceptability of agents and processes.	45	30	15	0	6	Prof Dr Barbara Simončič barbara.simoncic@ntf.uni-lj.si
<b>Planning printing processes</b>	Methods, processes and technique of textile printing; machine equipment; processes of manufacturing printing forms; pattern reproduction; preparing fabrics before printing; dyes for printing textiles; importance of subsequent treatment; special printing processes; environmental aspects of textile printing.	45	15	30	0	6	Prof Dr Petra Eva Forte Tavčer petra.forte@ntf.uni-lj.si
<b>Dyeing</b>	Technological water preparation; preparing of dyes; dyeing procedures; dyeing of natural, chemical and synthetic fibres; auxiliaries and methods for after-treatment of dyed material; colour fastness.	45	0	45	0	6	Assoc Prof Dr Marija Gorjanc marija.gorjanc@ntf.uni-lj.si
<b>Information sources and methodology of thesis work</b>	Training (in terms of information and methods) for preparing thesis work; data mining, acquisition and processing of relevant professional information; types of primary information sources; preparing references and citing; bibliographic databases; search profiles; factual databases; basics of intellectual property; development and testing of research hypotheses; structure and planning of a thesis work; data processing and presentation of the results.	30	15	0	0	3	Assist Prof Dr Danica Dolničar danica.dolnicar@ntf.uni-lj.si

**Curriculum tags:** L – lectures, S – seminars, P – practice, A – advanced work (project work)

ECTS – credit points by the European credit system (1 credit point means 30 hours of student obligation)

## Spring semester 2024/2025

Course	Description of course	Hours				ECTS	Lecturer
		L	S	P	A		
<b>English for specific purposes</b>	Upgrading general knowledge of English to a higher professional level; reading strategies and discourse of professional texts; determining keywords and writing abstracts, articles and reports; description of graphs; business communication; taking part in discussions.	0	60	0	0	4	Barbara Luštek Preskar barbara.lustek@ntf.uni-lj.si
<b>Nonwovens</b>	Definition and types of non-woven textiles; historical development and trends in non-woven textiles; classification of non-woven textiles; non-woven textile production processes; processing non-woven textiles.	30	0	30	0	4	Assist Prof Dr Dunja Šajn Gorjanc dunja.sajn@ntf.uni-lj.si
<b>Finishing</b>	Procedures of chemical and mechanical finishing; the aim and effect of finishing; description of finishing agents; principle of treatment; review of mechanical equipment; effect of factors; finishing in design, environmental acceptability of agents and procedures.	30	15	15	0	4	Assoc Prof Dr Brigita Tomšič brigita.tomsic@ntf.uni-lj.si
<b>Production planning and management</b>	Organisational structures; production activities; business functions; organisation of the production function; preparing work; production; support activities; economising with the means of work.	30	30	0	0	4	Prof Dr Andrej Demšar andrej.demsar@ntf.uni-lj.si
<b>Quality management</b>	Learning the concepts of quality; management and quality management systems; historical review of management systems; competitiveness; development and demands of standards (ISO 9000, 9001); assessment and certification according to standards (ISO 9001); methods and techniques of quality management; economics of quality; self-evaluation and quality awards.	30	30	0	0	4	Prof Dr Andrej Demšar andrej.demsar@ntf.uni-lj.si

**Curriculum tags:** L – lectures, S – seminars, P – practice, A – advanced work (project work)

ECTS – credit points by the European credit system (1 credit point means 30 hours of student obligation)

Course	Description of course	Hours				ECTS	Lecturer
		L	S	P	A		
<b>Basics of dyeing</b>	Basic types of modern synthetic dyes; some natural dyes; dyeing procedures of dyeing bio-materials and other modern textiles; an evaluation of colour fastness in accordance with prescribed standards; basics of colour measurement.	30	15	15	0	4	Assoc Prof Dr Marija Gorjanc marija.gorjanc@ntf.uni-lj.si
<b>Textile care 1</b>	Processes of textile care; theoretical approaches of wetting and washing; surface active agents; washing agents; soils; water as washing media; products and procedures for dry cleaning; removal of stains; environmental aspect.	30	15	15	0	4	Prof Dr Barbara Simončič barbara.simoncic@ntf.uni-lj.si Assoc Prof Brigita Tomšič brigita.tomsic@ntf.uni-lj.si
<b>Planning pre-treatment processes</b>	Preparing textile substrates for finishing; goals and effects of processing; machine equipment; chemical substances; environmental impact; analysis of the effects of pre-treatment in a substrate	45	15	30	0	6	Prof Dr Petra Eva Forte Tavčer petra.forte@ntf.uni-lj.si

**Curriculum tags:** L – lectures, S – seminars, P – practice, A – advanced work (project work)

ECTS – credit points by the European credit system (1 credit point means 30 hours of student obligation)