

## The list of available courses for Erasmus students in the study year 2026/2027 from the field of Textiles

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

#### **Autumn semester 2026/2027**

- Nonwovens/Vlaknovine (4 ECTS)
- Finishing /Apretura (6 ECTS)
- Printing of textiles/Tiskanje tekstila (6 ECTS)
- Dyeing/Barvanje (6 ECTS)
- Information sources and methodology of thesis work/Informatika in metodologija diplomskega dela (3 ECTS)
- Medical textiles/Medicinske tekstilije (4 ECTS)

#### **Spring semester 2026/2027**

- English for Specific Purposes/Strokovna angleščina (4 ECTS)
- Nonwovens/Netkane tekstilije (4 ECTS)
- Finishing/Apretura (3 ECTS)
- Production planning and management/Planiranje in vodenje proizvodnje (4 ECTS)
- Textile care 1/Nega tekstilij 1 (4 ECTS)
- Basics of dyeing/Osnove barvarstva (4 ECTS)
- Pretreatment of textiles/Priprava tekstilij na plemenitenje (6 ECTS)
- Medical textiles/Medicinske tekstilije (4 ECTS)
- Holistic thinking and acting/Celostno razmišljanje in delovanje (4 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 2026/2027

Course	Description of course	Hours				ECTS	Lecturer
		L	S	P	A		
<b>Nonwovens</b>	Trends in the development and consumption of nonwovens; classification of nonwoven textiles; methods of production of nonwoven textiles; web bonding of nonwovens; finishing process of nonwoven fabric.	45	0	15	0	4	Assist Prof Dr Dunja Šajn Gorjanc dunja.sajn@ntf.uni-lj.si
<b>Finishing</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>Printing of textiles</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.	30	15	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)

Course	Description of course	Hours				ECTS	Lecturer
<b>Medical textiles</b>	Special fibres and polymers; materials for application in medicine and production processes; classification of medical textiles by their intended use; anti-microbial fibre and finishing; textiles as carriers of pharmacological substances; care and maintenance; standards and regulations for testing and handling medical textiles.	30	30	0	0	4	Assoc Prof Dr Brigita Tomšič brigita.tomsic@ntf.uni-lj.si

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## Spring semester 2026/2027

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.	15	15	15	0	3	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>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

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		L	S	P	A		
<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>Pretreatment of textiles</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
<b>Medical textiles</b>	Special fibres and polymers; materials for application in medicine and production processes; classification of medical textiles by their intended use; anti-microbial fibre and finishing; textiles as carriers of pharmacological substances; care and maintenance; standards and regulations for testing and handling medical textiles.	30	30	0	0	4	Assoc Prof Dr Brigita Tomšič brigita.tomsic@ntf.uni-lj.si
<b>Holistic thinking and acting</b>	The core principle of the course is a student-centered approach focused on developing students' competencies through holistic, critical, and transdisciplinary thinking. The fundamental goal of the course is to develop students' independent, open, and holistic thinking, with the mission of acting for the benefit of the broader social community.	30	30	0	0	4	Prof Dr Marko Pavliha Prof Dr Matija Svetina Prof Elena Fajt Prof Dr Deja Muck Prof Dr Andrej Demšar andrej.demsar@ntf.uni-lj.si

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