

1st year

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Course	Hours					ECTS
	L	S	P	D	Σ	
1st semester					450	30
Basic elective course 1	0	0	0	0	90	6
Basic elective course 2	0	0	0	0	90	6
High performance fibres	60	15	15	0	90	
Advanced mechanical textile technologies	30	30	30	0	90	6
Advanced processes of finishing/	30	30	30	0	90	6
2nd semester					450	30
Mechanical functionalisation of textiles/	30	30	30	0	90	6
Chemical functionalisation of textiles	30	15	15	0	60	4
Functionalisation of ready-made products	30	30	30	0	90	6
Elective course 1						4
Elective course 2						4
Elective course 3						4
TOTAL					900	60

Basic elective courses

Course	Hours					ECTS
	L	S	P	D	Σ	
Mathematics 2	45	0	45	0	90	6
Organic chemistry	45	15	30	0	90	6
Data management	30	15	45	0	90	6

Elective courses

Course	Hours					ECTS
	L	S	P	D	Σ	
Textile composites	30	15	15	0	60	4
Technical textiles	300	300	0	0	604	
Medical textiles	30	300	0	0	604	
Quality Engineering	30	300	0	0	604	
Biotechnology for textile processing	30	300	0	0	604	4
Textile care 2	30	15	15	0	604	4
Digital printing of textiles	300	300	0	0	604	4
Contemporary fashion and textile practices	30	15	15	0	604	4

Abbreviations used for the syllabus:

L – Lectures

S – seminar

P – practice

O – other forms of educational activities (mainly project work)

ECTS – European Credits Transfer System (1 credit point equals a 30-hour student workload)

