

TTF TEXTILE ENGINEERING 2012/2013

FIRST SEMESTER				
Code	Subject	Credits	Classes	Total
2FI100112	Mathematics 1	8	3 + 2 + 2	216
2ZF107512	General and inorganic chemistry	8	3 + 2 + 2	216
UGD101312	Computer science	6	2 + 2 + 1	156
	Optional faculty subject 1	4	2 + 1 + 1	120
	Optional faculty subject 2	4	2 + 1 + 1	120
UGD102712	Sport and recreation	*	0 + 0 + 2	
	Total	30	12 + 8 + 9	828
SECOND SEMESTER				
2TT100112	Introduction to chemical engineering	6	2 + 2 + 1	156
2ZF107712	Organic chemistry	6	2 + 2 + 1	156
2FI100412	Mathematics 2	8	3 + 2 + 2	216
	Optional faculty subject 3	4	2 + 1 + 1	120
	Optional university subject 1	6	2 + 2 + 1	156
	Total	30	11 + 9 + 6	804
THIRD SEMESTER				
2TT100512	Chemistry and physics of polymers	8	3 + 2 + 2	216
2TT100612	Textile fibers	8	3 + 2 + 2	216
2ZF107812	Physical chemistry	6	2 + 2 + 1	156
	Optional faculty subject 4	4	2 + 1 + 1	120
	Optional faculty subject 5	4	2 + 1 + 1	120
	Total	30	12 + 8 + 7	828
FOURTH SEMESTER				
2TT101112	Textile technology	6	2 + 2 + 1	156
2TT101212	Spinning technology	8	3 + 2 + 2	216
2TT101312	Creation of apparel	6	2 + 2 + 1	156
	Optional faculty subject 6	4	2 + 1 + 1	120
	Optional university subject 2	6	2 + 2 + 1	156
	Total	30	11 + 9 + 6	804
FIFTH SEMESTER				
2TT101612	Machines and units in textile production.	6	2 + 2 + 1	156
2TT101712	Construction of apparel	8	3 + 2 + 2	216
2TT101812	Textile technology 1	8	3 + 2 + 2	216
	Optional faculty subject 7	4	2 + 1 + 1	120
	Optional faculty subject 8	4	2 + 1 + 1	120
	Total	30	12 + 8 + 7	828
SIXTH SEMESTER 1				
2TT102312	Textile technology 2	8	3 + 2 + 2	216

2TT102512	Modelling of apparel	6	2 + 2 + 1	156
2TT102412	Final exam	6	0 + 0 + 6	144
	Optional faculty subject 9	4	2 + 1 + 1	120
	Optional university subject 3	6	2 + 2 + 1	156
	Total	30	9 + 7 + 11	792
SIXTH SEMESTER 2				
2TT102312	Textile technology 2	8	3 + 2 + 2	216
2TT102512	Modelling of apparel	6	2 + 2 + 1	156
2TT102812	Textile and clothing for protection	6	2 + 2 + 1	156
	Optional faculty subject 9	4	2 + 1 + 1	120
	Optional university subject 3	6	2 + 2 + 1	156
	Total	30	11 + 9 + 6	804
SEVENTH SEMESTER				
2TT102812	Chemical textile technology	8	3 + 2 + 2	216
2TT102912	Application of textile in composites	6	2 + 2 + 1	156
2TT103012	Testing of textile	8	3 + 2 + 2	216
	Optional faculty subject 10	4	2 + 1 + 1	120
	Optional faculty subject 11	4	2 + 1 + 1	120
	Total	30	12 + 8 + 7	828
EIGHT SEMESTER				
2TT103512	Diploma project	8	0 + 0 + 8	192
2TT103612	Modelling of technological processes	6	2 + 2 + 1	156
2TT103712	CAD/CAM in textile engineering	6	2 + 2 + 1	156
	Optional university subject 4	6	2 + 2 + 1	156
	Optional faculty subject 12	4	2 + 1 + 1	120
	Total	30	8 + 7 + 12	780

**LIST OF OBLIGATORY AND OPTIONAL SUBJECTS FOR STUDY PROGRAMME
TEXTILE ENGINEERING**

Obligatory subjects	Optional faculty subjects
Mathematics 1	I.sem. Graphics and design
General and inorganic chemistry	I.sem. Drawing techniques
Computer science	I.sem. Physics
Sport and recreation	I.sem. Mechanics
Introduction to chemical engineering	II.sem. Thermodynamics
Organic chemistry	II.sem. Analytical chemistry
Mathematics 2	III.sem. Introduction to management
Chemistry and physics of polymers	III.sem. Introduction to design
Physical chemistry	III.sem. Quality systems and standards
Textile fibers	III.sem. Business communications

Textile technology	IV sem. History of apparel
Spinning technology	IV sem. Costumes design
Creation of apparel	V sem. Textile quality and standards
Machines and units in textile production.	V sem. Product development
Construction of apparel	Vsem. High-performance fibers
Apparel technology 1	V.sem. Measurements and automathics
Apparel technology 2	VI.sem. Labor analysis
Final exam	VI.sem. Management in production company
Modelling of apparel	VII.sem. Application of enzymes
Textile and clothing for protection	VII sem. Care of textile
Chemical textile technology	VII sem. Design of experiments
Application of textile in composites	VII sem. Printing of textile
Testing of textile	VIII sem. Intelligent textile
Diploma project	VIII sem. Technical textile
Modelling of technological processes	
CAD/CAM in textile engineering	