

## Common Credits for the Degree of Master of Science in Textile Engineering: Textile Chemistry and Fiber Science & Textile Technology

COURSE CODE	COURSE TITLE	CREDITS
19-12-503	Statistics & Research Methodology in Textile	3
19-14-509	Advanced Mathematics	3
34-12-500	Advanced Fibers Physics	3
34-12-502	Advanced Fiber Production Technology	3
34-12-564	Advanced Finishing	3
34-12-560	Advanced Colorimetry	3
34-12-562	Mechanics and Dynamics of Textured Yarns	3
34-12-586	Computer Programming in Textile	3
34-12-504	Data Processing in Textile	3
34-12-581	Advanced Coordination Chemistry	3
34-12-582	Advanced Spectroscopy	3
34-12-580	Advanced Textile Color Chemistry	3
34-12-589	Chemistry of Surfactants	3
34-12-583	Synthesis of Proteins	3
	Advanced Textile Microscopy	3
	Advanced Water and Wastewater Chemistry	3
34-14-662	Special Subjects	3
90-10-501	Seminar	1
90-10-609	Project	9

## Curriculum for the Degree of Master of Science in Textile Engineering: Textile Technology

COURSE CODE	COURSE TITLE	CREDITS
19-12-503	Statistics & Research Methodology in Textile	3
19-14-509	Advanced Mathematics	3
34-12-504	Data Processing in Textile	3
34-14-600	Textile Physics	3
34-14-602	Structural Mechanics of Yarn	3
34-14-604	Theories of Fabric Structure	3
34-14-660	Theories of New Spinning Systems	3
34-12-609	Weaving Dynamics	3
	Knitting Dynamics	3
	Design of Mechanisms	3
34-14-662	Special Subjects	3
90-10-501	Seminar	1
90-10-609	Project	9

**Curriculum for the Degree of PhD of Science in Textile Engineering**

<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>CREDITS</b>
34-12-700	Mechanical and Rheology of Fibers	3
34-12-702	New Methods of Fiber Spinning	3
34-12-705	Advanced Mechanics of Fibers and Yarn	3
34-12-706	Advanced Composites	3
34-12-708	Advanced Spectroscopy in Textiles	3
34-12-712	Advanced Rheology	3
34-12-720	Chemistry of Surface Active Agents	3
34-12-722	Advanced physical Chemistry of Polymers	3
34-12-724	Advanced Dyeing	3
34-14-664	Advanced Mechanics and Physics of Fabric	3
34-12-750	Special Topics in Textiles Chemistry(doctoral)	3
34-14-750	Special Topics in Textile Technology (doctoral)	3