

**School of Textile and Design**  
**University of Management and Technology, Lahore, Pakistan**

**Roadmap for PhD Textiles (effective from Fall 2018)**

**First Semester**

<b>Code</b>	<b>Course Title</b>	<b>Theory</b>	<b>Lab</b>	<b>Total</b>
TX718	Advanced Yarn Studies	3	0	3
TX788	Industrial and Specialty Fabrics- Product Development	3	0	3
TX758	Coloration and Finishing studies	3	0	3
	<b>Total</b>	<b>9</b>	<b>0</b>	<b>9</b>

**Second Semester**

<b>Code</b>	<b>Course Title</b>	<b>Theory</b>	<b>Lab</b>	<b>Total</b>
TX768	Advanced Textile Composites	3	0	3
QM720	Advanced Research Methods	3	0	3
TX785	Quality Management	3	0	3
	<b>Total</b>	<b>9</b>	<b>0</b>	<b>9</b>

**Third Semester-onwards**

<b>Code</b>	<b>Course Title</b>	<b>Theory</b>	<b>Lab</b>	<b>Total</b>
TX799	Thesis	0	27	27
	<b>Total</b>	<b>0</b>	<b>27</b>	<b>27</b>

**Total Credits Hours: 45**