



**Tri - Semester**  
 Spring: January - April  
 Summer: May - August  
 Fall: September - December

# B.Sc. in Textile Engineering

(Diploma Holders)

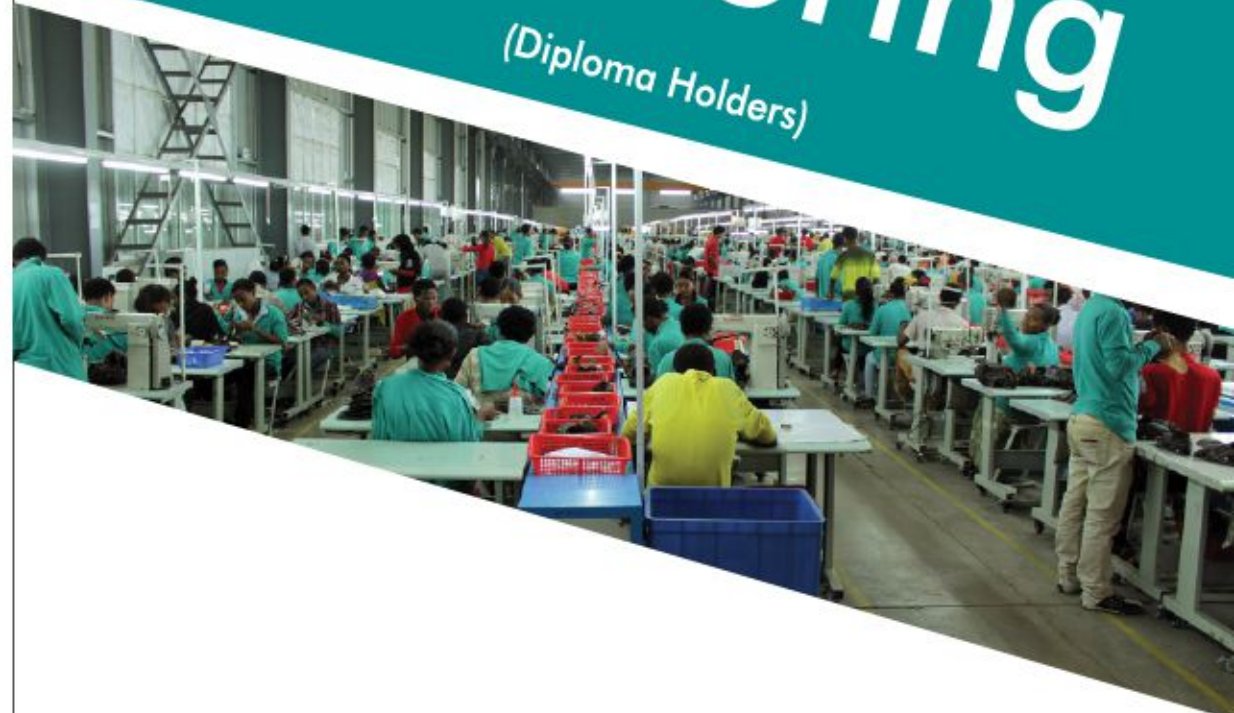


## Daffodil International University

**Permanent Campus:**  
 Datta Para, Ashulia, Savar, Dhaka,  
 Cell : 01833102806, 01847140068.

**Main Campus:**  
 Daffodil Tower, 4/2, Sohbanbag, Mirpur Road, Dhanmondi, Dhaka,  
 Tel : 48111639, 48111670, 9128705  
 Cell : 01841493050, 01847140094, 01847140095  
 01847140096, 01713493039, 01713493051

**Uttara Admission Office:**  
 House # 4 & 6, Road # 7, Sector # 3, Uttara, Dhaka.  
 Tel : 58954660, 58952010  
 Cell : 01713493141, 01811458841.



Effective from  
 Fall 2017

Apply Online  
<http://www.admission.daffodilvarsity.edu.bd>  
[www.daffodilvarsity.edu.bd](http://www.daffodilvarsity.edu.bd)

### Program Objective:

The aim of B.Sc. in Textile Engineering (TE) Program is to produce skilled manpower in the field of Textiles to satisfy the growing demands of Textile Engineering at home and abroad. It provides the students an opportunity to achieve outcome based knowledge of Textile Engineering with some freedom to tailor the program according to the student's individual needs.

### Eligibility for Admission:

Students having minimum GPA/CGPA of 2.5 both in SSC and Diploma-in-Textile Engineering from various Textile institutes & related educational institutes under Bangladesh Technical Education Board (BTEB) can get admission.

### Total credits requirement and duration of the program:

To obtain B. Sc. in Textile Engineering (TE) students will have to complete 154 credit hours with a minimum CGPA of 2.50. Candidates having **diploma in Textile Engineering** will get 29 credits as waiver. Therefore they have to do  $154-29=125$  credits.

If students obtain poor grades or fails in any course he/she will get the opportunity to improve the grade by appearing at improvement exams or retaking the course in the subsequent semester.



### 1<sup>st</sup> SEMESTER: Level-1 Term-1

Course Code	Course Title	Credit Hours
ENG-111	English Language-I	3
MAT-111	Mathematics-I	3
TE-226	Textile Raw Materials – II	3
CHE-124	Chemistry	3
CHE-125	Chemistry (Lab)	1
<b>Total</b>		<b>13</b>

### Fee Structure of B.Sc in Textile Engineering program for Diploma Holder

Items of the Fees:	Amount
Admission Fee	15,000
Library Fee	3,000
Factory Visit Fee	5,000
Rover Scout & BNCC Fee	1,000
Student Smart Card (In Balance 200 TK)	1,000
Student life insurance	1,600
Tuition Fee for Theoretical Courses (101 cr hrs @ 2,000)	2,02,000
Tuition Fee for Laboratory Credits (21 cr hrs @3,000)	63,000
Semester Fee (10 Semesters @ Tk 5,500)	55,000
Development Fee (10 Semesters @ Tk 4,500)	45,000
Lab Fee (10 Semesters @ Tk 2,000)	20,000
Extracurricular Activities Fees (10 Semesters @ Tk 750)	7,500
Thesis Fee (3 credits.)	9,000
<b>Total payable (for 125 credits)</b>	<b>4,28,100</b>

**While taking admission, a student has to pay a total of Tk. 39,350/- which includes the following fees:**

Items of the Installment	Tk.
Admission Fee	15,000
Library Fee	3,000
Rover Scout & BNCC Fee	1000
Student Smart Card (In Balance 200 TK)	1000
Student life insurance	1600
Factory Visit Fee	5,000
Semester Fee	5,500
Development Fee	4,500
Lab Fee	2,000
Extracurricular Activities Fees	750
<b>Total Fee during admission</b>	<b>39,350</b>

### SEMESTER WISE FEES

Credit Hours	Total Payable	Registration Fee	Before Mid-Term Examination	Before Final Examination
Semester 1 (Level-1, Term-1)	66,350	39,350 Admission & Registration fee	13,500	13,500
Semester 2 (Level-, Term-2)	39,750	12750	13500	13500
Semester 3 (Level-1, Term-3)	46,750	12750	17000	17000
Semester 4 (Level-2, Term-1)	44,750	12750	16000	16000
Semester 5 (Level-2, Term-2)	45,750	12750	16500	16500
Semester 6 (Level-2, Term-3)	43,750	12750	15500	15500
Semester 7 (Level-3, Term-1)	45,750	12750	16500	16500
Semester 8 (Level-3, Term-2)	45,750	12750	16500	16500
Semester 9 (Level-3, Term-3)	36,750	12750	12000	12000
Semester 10 (Level-4, Term-1)	12,750	12750	---	---

## 2<sup>nd</sup> SEMESTER: Level-1 Term-2

Course Code	Course Title	Credit Hours
ENG-122	English Language-II	3
TE-133	Polymer Science	3
PHY-122	Physics II	3
PHY-123	Physics II (Lab)	1
MAT-122	Mathematics-II (Differential Equations)	3
<b>Total</b>		<b>14</b>

## 3<sup>rd</sup> SEMESTER: Level-1 Term-3

Course Code	Course Title	Credit Hours
CSE-112	Computer Fundamentals	3
STA-131	Statistics & Probability	3
TE-132	Engineering Material	3
TE-215	Textile Chemistry	3
TE-223	Textile Testing and Quality Control-I	2
TE-224	Textile Testing and Quality Control-I (lab)	1
<b>Total</b>		<b>15</b>

## 4<sup>th</sup> SEMESTER: Level-2 Term-1

Course Code	Course Title	Credit Hours
TE-311	Yarn Manufacturing – II	3
TE-312	Yarn Manufacturing – II (lab)	1
TE-233	Manufacturing Engineering	3
TE-234	Manufacturing Engineering (lab)	1
TE-235	Engineering Ethics and Art of Living	3
MKT-231	Principles of Marketing	2
ACT-231	Principles of Accounting	2
<b>Total</b>		<b>15</b>

## 5<sup>th</sup> SEMESTER: Level-2 Term-2

Course Code	Course Title	Credit Hours
TE-321	Textile Wet processing -II	3
TE-322	Textile Wet processing -II (lab)	1
TE-313	Fabric Manufacturing – II	3
TE-314	Fabric Manufacturing – II (lab)	1
TE-315	Textile Testing and Quality Control-II	3
TE-316	Textile Testing and Quality Control-II (lab)	1
TE-317	Textile Physics	3
<b>Total</b>		<b>15</b>

## 6<sup>th</sup> SEMESTER: Level-2 Term-3

Course Code	Course Title	Credit Hours
TE-231	Apparel Manufacturing – I	3
TE-232	Apparel Manufacturing – I (lab)	1
TE-233	Manufacturing Engineering	3
TE-234	Manufacturing Engineering (lab)	1
TE-235	Engineering Ethics and Art of Living	3
MKT-231	Principles of Marketing	2
ACT-231	Principles of Accounting	2
<b>Total</b>		<b>15</b>



## 7<sup>th</sup> SEMESTER: Level-3 Term-1

Course Code	Course Title	Credit Hours
TE-411/ TE-413/ TE-415/ TE-417	Yarn Manufacturing – III (optional)/ Fabric Manufacturing – III (optional)/ Textile Wet processing -III (optional)/ Apparel Manufacturing – III (optional)	3
TE-412/ TE-414/ TE-416/ TE-418	Yarn Manufacturing – III (lab) (optional)/ Fabric Manufacturing – III (lab) (optional)/ Textile Wet processing -III (lab) (optional)/ Apparel Manufacturing – III (lab) (optional)	1
HUM-333	Economics for Textile Engineers	3
TE-419	Textile Testing and Quality Control-III	3
TE-334	Elements of Machine Dynamics & Design	3
TE-335	Applications of Computer in Textile	3
<b>Total</b>		<b>16</b>

## 8<sup>th</sup> SEMESTER: Level-3 Term-2

Course Code	Course Title	Credit Hours
TE-421/ TE-423/ TE-425/ TE-427	Yarn Manufacturing – IV (optional)/ Fabric Manufacturing - IV (optional)/ Textile Wet processing - IV (optional)/ Apparel Manufacturing – IV (optional)	3
TE-422/ TE-424/ TE-426/ TE-428	Yarn Manufacturing – IV (Lab) (optional)/ Fabric Manufacturing - IV (Lab) (optional)/ Textile Wet processing - IV (Lab) (optional)/ Apparel Manufacturing – IV (Lab) (optional)	1
TE-429/ TE-4210/ TE-4211/ TE-4212	Specialized Yarn Production (optional)/ Specialized Fabric Production (optional) / Specialized Wet Processing (optional)/ Specialized Apparel Manufacturing (optional)	3
TE-4213	Textile & Environment	3
TE-4110	Textile Mill Utilities	3
TE-4111	Technical Textiles	3
<b>Total</b>		<b>16</b>

## 9<sup>th</sup> SEMESTER: Level-3 Term-3

Course Code	Course Title	Credit Hours
TE-431	Industrial Attachment	3
TE-4214	Project (Thesis)	3
TE-432	Comprehensive Viva	2
<b>Total</b>		<b>8</b>

## LIST OF DIU COURSES THAT WILL BE WAIVED

Course Code	Course Title	Total Credit hours (Theory + Pract.)
TE-111	Textile Raw Materials-I	(3+0)=3
PHY-111	Physics – I	(3+0) = 3
PHY-112	Physics – I (lab)	(0+1) = 1
GED-211	Bangladesh Studies	(3+0) = 3
TE-211	Yarn Manufacturing – I	(3+0) = 3
TE-212	Yarn Manufacturing – I (lab)	(0+1) = 1
TE-213	Fabric Manufacturing – I	(3+0) = 3
TE-214	Fabric Manufacturing – I (lab)	(0+1) = 1
TE-221	Textile Wet processing– I	(3+0) = 3
TE-222	Textile Wet processing– I (lab)	(0+1) = 1
TE-225	Engineering Drawing	(0+3) = 3
TE-231	Apparel Manufacturing – I	(3+0) = 3
TE-232	Apparel Manufacturing – I (lab)	(0+1) = 1
<b>Total</b>		<b>29 credits</b>

