

2.1 Overview

The previously existing curriculum of BU consisted of the subjects that have now either been further classified into different subjects. For example physical chemistry has been further divided into thermodynamics, heat and mass transfer etc. and has been studied in further detail. There existed orthodox subjects that were practically unnecessary for the students. All of these discrepancies have been addressed in the revised curriculum.

Table 2.1 Existing Curriculum-Overall Structure

No.	Subjects	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	Outline Available
1	Advanced Mathematics	4	4	4	3	2					
2	Physics	4	4	2							
3	Organic Chemistry			2	3						Yes
4	Analytical Chemistry			2	2						
5	Theoretical Mechanics			1	1						Yes
6	General Electro-technique				2	1					Yes
7	Technology of Non-organic Substance					1	3	3	5		
8	Technology of Organic Substance					1	3	3	5		
9	Technology of General Chemistry					2	2	2			Yes
10	Operations of Machineries					2	2	2	2		Yes
11	Fat Refinement Technology					2	3	3	1		
12	Automatization					3	2	2			Yes
13	Field Economics							1	3		Yes
14	Chemotology										Yes
15	Thermodynamic			1	2						Yes
16	Equipment of Chemical Industries					2	2				Yes
17	Colloidal and Physical Chemistry			2	3	1					Yes
18	Non-organic Chemistry	2	2	2	2						Yes
19	Technology of Metals				1						Yes
20	Protection of Living Environment						1				Yes
21	Islamic Laws	1	1								
22	English Language	2	2								
23	Contemporary History	1	1								
24	Sports	1	1								
25	Basics of Computer		2	1							
26	Standardization				1						
27	Safety Precautions							2			
28	Radiation Chemistry								2		Yes
29	Practical Mechanics				1	1					Yes
30	Technical Drawing	2	1								Yes
31	Geometrical Drawing	2	1								Yes
32	Diploma Project										Yes
33	Production Practice									16	
34	Non-production Practice								1		
Total number of credits per week in each semester		19	19	17	21	19	18	18	19	16	