



C. U. SHAH UNIVERSITY, WADHWAN CITY
FACULTY OF SCIENCES

B.Sc.

**Teaching & Evaluation
Scheme (New) of B.Sc.
Semester – I & II
WEF June-2016**

Eligibility Criteria:-

- Candidates must have passed H.S.C. (A, B or AB group)/CBSE/ICSE Examination (10+2) of science stream or equivalent examination from the Science stream with English as one of the subjects.
- A candidate who has passed an equivalent examination from any other examining body will have to produce eligibility certificate from The C. U. Shah University, Wadhwan (which can be obtained from the University Office) along with the application for admission in the first year.

Subject Choices for Semester-I & II:-

Group-A or AB	Group-B or AB
Mathematics	Botany
Physics	Physics
Chemistry	Chemistry
Statistics	-

In each of semester-I and II, student has to study **ONE** subject of all above mentioned **courses/subjects**. Also he/she has to study an elective and a foundation course. Thus he/she has to study 5 subjects in each of semester-I and semester-II.

Before the third semester starts student has to choose their Core (Principal) Subject in which he/she wants the B. Sc. Degree. Also he/she has to choose a core subsidiary subject.

- Students who take Chemistry as Core subject (Principal) can opt only Physics as Core subject (subsidiary).
- Students who take Mathematics as Core subject (Principal) can opt Physics as a Core subject (subsidiary) or can opt Statistics as a Core subject (subsidiary).
- Students who take Physics as Core subject (Principal) can opt Mathematics or Chemistry as Core subject (subsidiary).
- Students who take Botany as Core subject (Principal) can opt Chemistry or Physics as Core subject (subsidiary).

Notes:

- Course selections should be in such a way that none of the subject of courses is repeated in whole selection.
- Allotment will be based on the availability of the seats in the respective subject /course purely on merit of H.S.C. result.
- Group AB students can select either Group-A subjects or Group-B subjects. The elective subjects will be offered only if faculty will be available for that subject and if minimum (decided by the college) no. of students will choose that subject.

Subject Code:-

4SC01MTC1: 4 indicates UG course, SC indicates the faculty of Science, 01 indicates the semester-I, MT indicates the subject name i.e. Mathematics (PH for Physics and CH for Chemistry), C indicates Compulsory Subject (P for Practical subject, E for Elective subject, F for Foundation subject), and 1 indicates the subject (paper) number.

Teaching & Learning Methodology:-

- Faculty member/s shall explain in a class room using black board/white board, multimedia projector, chart, model etc.
- Assignments will be given to students for active learning.
- During Laboratories: The faculty may use software of related subject along with the laboratory equipment and laboratories will be conducted in batches. There will be curve tracing and problem solving sessions in Mathematics laboratories. In higher semesters the Mathematics practical should be done using c language or c++ language or Scilab or Matlab.



C. U. SHAH UNIVERSITY, Wadhwan City
Name of Program : B. Sc.
Name of Branch : Che/Phy/Maths/Botany
Semester : I
W.E.F. – June 2016

Teaching and Evaluation Scheme

Sr. No.	Brach Code	Subject Code	Subject Name	Teaching hours/week				Credit	Evaluation Scheme/semester							
				Th	Tu	Pr	Total		Theory				Practical		Total Marks	
									Sessional Exam		University Exam		Internal			University
									Marks	Hrs	Marks	Hrs	Pr	TW		
1	01, 02, 03, 04	4SC01PHY1	Physics-I	4	0	0	4	4	30	1.5	70	3	--	--	--	100
2		4SC01PPR1	Physics Practical-I	0	0	6	6	3	--	--	--	--	20	10	70	100
3		4SC01CHE1	Chemistry-I	4	0	0	4	4	30	1.5	70	3	--	--	--	100
4		4SC01PRC1	Chemistry Practical-I	0	0	6	6	3	--	--	--	--	20	10	70	100
5		4SC01FUE1	Functional English-I	2	0	0	2	2	30	1.5	70	3	---	---	---	100
Compulsory Elective Course																
6	01,02, 03,04	4SC01EVS1	Environmental Science	3	0	0	3	3	30	1.5	70	3	--	--	--	100
Only for Group-A																
7	01,02, 03	4SC01MAT1	Mathematics-I	4	0	0	4	4	30	1.5	70	3	--	--	--	100
8		4SC01MAP1	Mathematics Practical-I	0	0	6	6	3	--	--	--	--	20	10	70	100
Total:				17	0	18	35	26	150	--	350	--	60	30	210	800
Only for Group-B or Group AB																
9	01,04	4SC01CEB1	Cell Biology	4	0	4	8	6	30	1.5	70	3	20	10	70	200
Total:				17	0	16	33	25	150	--	350	--	60	30	210	800



C. U. SHAH UNIVERSITY, Wadhwan City
Name of Program : B. Sc.
Name of Branch : Che/Phy/Maths/Botany
Semester : II
W.E.F. – June 2016
Teaching and Evaluation Scheme

Sr. No.	Brach Code	Subject Code	Subject Name	Teaching hours/week				Credit	Evaluation Scheme/semester							
				Th	Tu	Pr	Total		Theory				Practical		Total Marks	
									Sessional Exam		University Exam		Internal			University
									Marks	Hrs	Marks	Hrs	Pr	TW		
1	01, 02, 03, 04	4SC02PHY1	Physics-II	4	0	0	4	4	30	1.5	70	3	--	--	--	100
2		4SC02PPR1	Physics Practical-II	0	0	6	6	3	--	--	--	--	20	10	70	100
3		4SC02CHE1	Chemistry-II	4	0	0	4	4	30	1.5	70	3	--	--	--	100
4		4SC02PRC1	Chemistry Practical-II	0	0	6	6	3	--	--	--	--	20	10	70	100
5		4SC02FUE1	Functional English II	2	0	0	2	2	30	1.5	70	3	---	---	---	100
Compulsory Elective Course																
6	01,02, 03,04	4SC02COS2	Computational Skills	2	0	2	4	3	20	1	50	2	--	--	30	100
Only for Group-A																
7	01,02,	4SC02MAT1	Mathematics-II	4	0	0	4	4	30	1.5	70	3	--	--	--	100
8	03	4SC02MAP1	Mathematics Practical-II	0	0	6	6	3	--	--	--	--	20	10	70	100
Total:				16	0	20	36	26	140	--	330	--	60	30	240	800
Only for Group-B or Group AB																
9	01,04	4SC02MOB1	Molecular Biology	4	0	4	8	6	30	1.5	70	3	20	10	70	200
Total:				16	0	18	34	25	140	--	330	--	60	30	240	800