

Solapur University, Solapur
Faculty of Science
Choice Based Credit System (CBCS)
(w.e.f.2016-17)
Structure for B. Sc-I

Subject/ Core Course	Name and Type of the Paper		No. of papers/ Practical	Hrs/week			Total Marks Per Paper	UA	CA	Credits
	Type	Name		L	T	P				
Class :->	B.Sc.- I Semester - I									
Ability Enhancement Course(AECC)	English Paper I (communication skill)			4			100	70	30	4
Elective (*Students can opt any Four Subjects from the Twelve Subjects Listed below. Out of these Four Subjects One Subject will be CORE and other Three will be ELECTIVE Subjects.)	Subject 1		Paper I	2.5	--	--	100	70	30	2.5
			Paper II	2.5	--	--	100	70	30	2.5
	Subject 2		Paper I	2.5	--	--	100	70	30	2.5
			Paper II	2.5	--	--	100	70	30	2.5
	Subject 3		Paper I	2.5	--	--	100	70	30	2.5
			Paper II	2.5	--	--	100	70	30	2.5
	Subject 4		Paper I	2.5	--	--	100	70	30	2.5
			Paper II	2.5	--	--	100	70	30	2.5
Total				24	--	--	900	630	270	20
Class :->	B.Sc.- I Semester - II									
Ability Enhancement Course(AECC)	English Paper I (communication skill)			4			100	70	30	4
Elective (*Students can opt any Four Subjects from the Twelve Subjects Listed below. Out of these Four Subjects One Subject will be CORE and other Three will be ELECTIVE Subjects.)	Subject 1		Paper III	2.5	--	--	100	70	30	2.5
			Paper IV	2.5	--	--	100	70	30	2.5
	Subject 2		Paper III	2.5	--	--	100	70	30	2.5
			Paper IV	2.5	--	--	100	70	30	2.5
	Subject 3		Paper III	2.5	--	--	100	70	30	2.5
			Paper IV	2.5	--	--	100	70	30	2.5
	Subject 4		Paper III	2.5	--	--	100	70	30	2.5
			Paper IV	2.5	--	--	100	70	30	2.5
Total (Theory)				24	--	--	900	630	270	20
Elective	Subject 1		Practical I	--	--	4	100	70	30	4
	Subject 2		Practical I	--	--	4	100	70	30	4
	Subject 3		Practical I	--	--	4	100	70	30	4
	Subject 4		Practical I	--	--	4	100	70	30	4
Total (Pract.)						16	400	280	120	16
Grand Total				24		16	1300	910	390	56

***Elective Subjects**

**Chemistry/Physics/Electronics/Computer Science/Mathematics/Statistics/Botany/Zoology/
Microbiology/Geology/ Geography/Psychology**

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Structure for B. Sc-II

Subject/ Core Course	Name and Type of the Paper		No. of papers/ Practical	Hrs/week			Total Marks Per Paper	UA	CA	Credits
	Type	Name		L	T	P				
Class :→										
B.Sc.- II Semester - III										
Elective (*Students can opt any Three subjects among the Four Subjects offered at B.Sc.I. Out of Three Subjects offered One Subject will be the Core Subject OR Students can opt any Two subjects among the Four Subjects offered at B.Sc.I. Out of Two Subjects One Subject will be the Core Subject and any One Subject among the other will be Elective Subject	Subject 1		Paper V	3	--	--	100	70	30	3
			Paper VI	3	--	--	100	70	30	3
	Subject 2		Paper V	3	--	--	100	70	30	3
			Paper VI	3	--	--	100	70	30	3
	Subject 3		Paper V	3	--	--	100	70	30	3
			Paper VI	3	--	--	100	70	30	3
Grand Total				18	--	--	600	420	180	18
Class :→										
B.Sc.- II Semester - IV										
	Ability Enhancement Course(A ECC)	Environmental Science		4			100	70	30	4
Elective (*Students can opt any Three subjects among the Four Subjects offered at B.Sc.I. Out of Three Subjects offered One Subject will be the Core Subject OR Students can opt any Two subjects among the Four Subjects offered at B.Sc.I. Out of Two Subjects One Subject will be the Core Subject and any One Subject among the other will be Elective Subject	Subject 1		Paper VII	3	--	--	100	70	30	3
			Paper VIII	3	--	--	100	70	30	3
	Subject 2		Paper VII	3	--	--	100	70	30	3
			Paper VIII	3	--	--	100	70	30	3
	Subject 3		Paper VII	3	--	--	100	70	30	3
			Paper VIII	3	--	--	100	70	30	3
Total (Theory)				22	--	--	700	490	210	18
Elective		Subject 1	Pr. II&III	--	--	8	200	140	60	8
		Subject 2	Pr. II&III	--	--	8	200	140	60	8
		Subject 3	Pr. II&III	--	--	8	200	140	60	8
Total (Practicals)						24	600	420	180	24
Grand Total				22		24	1300	910	390	60

*Elective Subjects

Chemistry/Physics/Electronics/Computer Science/Mathematics/Statistics/Botany/Zoology/
Microbiology/Geology/ Geography/Psychology

Elective Subjects- (Additional)-Geochemistry/Biochemistry/Meteorology/Plant Protection

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Structure for B. Sc-III

Subject/ Core Course	Name and Type of the Paper		No. of papers/ Practical	Hrs/week			Total Marks Per Paper	UA	CA	Credits
	Type	Name		L	T	P				
Class :→ B.Sc.- III Semester - V										
	Ability Enhancement Course(AECC)	English	Paper-III	4			100	70	30	4
	Core	Subject	Paper IX	3	--	--	100	70	30	3
	Core		Paper X	3	--	--	100	70	30	3
	Core		Paper XI	3	--	--	100	70	30	3
	DSE-1	Subject	Paper XII	3	--	--	100	70	30	3
	DSE-2		Paper XII	3	--	--	100	70	30	3
Grand Total				16	--	--	500	350	150	12
Class :→ B.Sc.- III Semester -VI										
	Ability Enhancement Course(AECC)	English	Paper-IV	4			100	70	30	4
	Core	Subject	Paper XIII	3	--	--	100	70	30	3
	Core		Paper XIV	3	--	--	100	70	30	3
	Core		Paper XV	3	--	--	100	70	30	3
	DSE-1	Subject	Paper XVI	3	--	--	100	70	30	3
	DSE-2		Paper XVI	3	--	--	100	70	30	3
Total (Theory)				16	--	--	500	350	150	12
	Core	Subject	Practical IV	--	--	5	100	70	30	5
	Core		Practical V	--	--	5	100	70	30	5
	Core		Practical VI	--	--	5	100	70	30	5
	DSE		Practical VII	--	--	5	100	70	30	5
Total (Practicals)						20	400	280	120	20
Grand Total				16		20	900	630	270	44

Core Subjects-

Chemistry/Physics/Electronics/Computer Science/Mathematics/Statistics/Botany/Zoology/

Microbiology/Geology

Discipline Specific Elective Paper-The Subject will be specific as per the chosen core subjects.

Summary of the Structure of B.Sc.Programme as per CBCS pattern

Class	Semester	Marks-Theory	Credits-Theory	Marks-Practical	Credits-Practicals	Total - credits
B.Sc.-I	I	900	20	-	-	20
	II	900	20	400	16	36
B.Sc.-II	III	600	18	-	-	18
	IV	700	18	600	24	42
B.Sc.-III	V	500	12	-	-	12
	VI	500	12	400	20	32
Total		4100	100	1400	60	160

B.Sc.Programme :

- Total Marks : Theory + Practicals = 4100 +1400 =5500
 - Credits : Theory + Practicals = 100 + 60 = 160
 - Numbers of Papers Theory: Ability Enhancement Course(AECC) : 05
Theory: Discipline Specific Elective Paper (DSE) : 02
Theory: Core Course (CC) : 34
- Total : Theory Papers:41**
Practical: Core Course (CC) : 14

Abbreviations :

- L: Lectures
- T: Tutorials
- P: Practicals
- UA : University Assessment
- CA : College Assessment
- CC: Core Course
- AEC : Ability Enhancement Course
- DSE : Discipline Specific Elective Paper

Important Note:

- Board of Studies in the respective subject may design the curriculum/syllabus of one additional paper of the same Number (Paper –XII) as DSE Paper, so that students can optany one of these two papers for semester –V. Similarly, the students can opt for one DSE paper (Paper-XVI)for Semester- VI.
- The Credits for the Practicals are changed as per the number of Hours per week.
- For B.Sc.-I, Sem -I and II. Papers of each subject are divided as per previous pattern to give more weightage and to reduce the stress of the students.
- Combined passing for B. Sc.- II Practicals (Practical – II & III)
- Combined passing for B. Sc-III Pratecticals (Practical – IV-VIII)
- The 30 marks of College level Assessment (CA) may be distributed as , 15 Marks for Internal Test and 15 Marks for Home Assignment/seminars/Viva/industrial visit/Group discussion etc.

Detailed plan for implementing CBCS or expanding the scope of CBCS in academic year 2016-17

M.Sc./M.A. (PG Course)	Core Course	Elective Course	Open Elective Courses
Sem-I	75%	25%	----
Sem-II	50%	25%	25%
Sem-III	50%	25%	25%
Sem-IV	75%	25%	----
B.SC.(UG)			
B.SC.(UG)	Core Course	Elective Course	Open Elective Courses
Sem-I	20%	80%	----
Sem-II	20%	80%	----
Sem-III	----	100%	----
Sem-IV	20%	80%	----
Sem-V	80%	20%	----
Sem-VI	80%	20%	----
B.Com.(UG)			
B.Com.(UG)	Core Course	Elective Course	Open Elective Courses
Sem-I	67%	33%	----
Sem-II	67%	33%	----
Sem-III	67%	33%	----
Sem-IV	67%	33%	----
Sem-V	67%	33%	----
Sem-VI	67%	33%	----
B.A.(UG)			
B.A.(UG)	Core Course	Elective Course	Open Elective Courses
Sem-I	33%	67%	----
Sem-II	33%	67%	----
Sem-III	33%	67%	----
Sem-IV	33%	67%	----
Sem-V	17%	83%	----
Sem-VI	17%	83%	----