

Punyashlok Ahilyadevi Holkar Solapur University, Solapur

Faculty of Science and Technology Choice Based Credit System (CBCS), (w.e.f.2022-23) Revised 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 Compulsory Course (AECC)		English Paper I Part-A (communication skill)		4.0			50	40	10	2.0
Core Courses (*Students can opt any Four Subjects from the Twelve Subjects Listed below.		DSC 1A	Paper- I	2.5	--	--	50	40	10	4.0
			Paper-II	2.5	--	--	50	40	10	
		DSC 2A	Paper-I	2.5	--	--	50	40	10	4.0
			Paper-II	2.5	--	--	50	40	10	
		DSC 3A	Paper-I	2.5	--	--	50	40	10	4.0
			Paper-II	2.5	--	--	50	40	10	
		DSC 4A	Paper-I	2.5	--	--	50	40	10	4.0
	Paper-II	2.5	--	--	50	40	10			
Total				24	--	--	450	360	90	18
Class : B.Sc.- I Semester – II										
Ability Enhancement Course(AECC)		English Paper I Part-B (communication skill)		4.0			50	40	10	2.0
Core Courses (*Students can opt any Four Subjects from the Twelve Subjects Listed below.		DSC 1B	Paper-III	2.5	--	--	50	40	10	4.0
			Paper-IV	2.5	--	--	50	40	10	
		DSC 2B	Paper-III	2.5	--	--	50	40	10	4.0
			Paper-IV	2.5	--	--	50	40	10	
		DSC 3B	Paper-III	2.5	--	--	50	40	10	4.0
			Paper-IV	2.5	--	--	50	40	10	
		DSC 4B	Paper-III	2.5	--	--	50	40	10	4.0
	Paper-IV	2.5	--	--	50	40	10			
		Democracy, Elections and Good Governance		3			50	40	10	NC
Total (Theory)				24	--	--	450	360	90	18
Core Practical		DSC 1 A & 1B	Practical I	--	--	4	100	80	20	4.0
		DSC 2 A & 2B	Practical I	--	--	4	100	80	20	4.0
		DSC 3A & 3B	Practical I	--	--	4	100	80	20	4.0
		DSC 4A & 4B	Practical I	--	--	4	100	80	20	4.0
Total (Pract.)						16	400	320	80	16
Grand Total				48		16	1300	1040	260	52

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

Punyashlok Ahilyadevi Holkar Solapur University, Solapur

Faculty of Science & Technology

Choice Based Credit System (CBCS)(w.e.f.2023-24)

Revised 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									
Core Courses (*Students can opt any Three subjects among the Four Subjects offered at B. Sc. I. OR Students can opt any Two subjects among the Four Subjects offered at B. Sc. I and any one from the Additional Interdisciplinary subjects.	DSC 1C	AIC-1A	Paper-V	3	--	--	50	40	10	4.0
			Paper-VI	3	--	--	50	40	10	
	DSC 2C		Paper-V	3	--	--	50	40	10	4.0
			Paper-VI	3	--	--	50	40	10	
	DSC 3C		Paper-V	3	--	--	50	40	10	4.0
			Paper-VI	3	--	--	50	40	10	
Total Sem.-III				18	--	--	300	240	60	12
	\$ SEC-1			4	--	--	100	80	20	4
Class :	B.Sc.- II Semester –IV									
Core Courses (*Students can opt any Three subjects among the Four Subjects offered at B.Sc. I. OR Students can opt any Two subjects among the Four Subjects offered at B.Sc. I and any one from the Additional Interdisciplinary subjects.	DSC 1D	AIC-1B	Paper-VII	3	--	--	50	40	10	4.0
			Paper-VIII	3	--	--	50	40	10	
	DSC 2D		Paper-VII	3	--	--	50	40	10	4.0
			Paper-VIII	3	--	--	50	40	10	
	DSC 3D		Paper-VII	3	--	--	50	40	10	4.0
			Paper-VIII	3	--	--	50	40	10	
	Environmental Studies			3	--	--	50	40	10	NC
Total Sem-IV				18			300	240	60	12
Total (Theory)				36	--	--	600	480	120	24
Core Practical	DSC 1C & 1D	AIC 1A & 1B	Pr. II & III	--	--	8	200	160	40	4.0
	DSC 2C & 2D		Pr. II & III	--	--	8	200	160	40	4.0
	DSC 3C & 3D		Pr. II & III	--	--	8	200	160	40	4.0
Total (Practicals)						24	600	480	120	24
Grand Total				36		24	1200	960	240	48
	\$ SEC-1			4			100	80	20	4

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

Additional Interdisciplinary Courses - Geochemistry/Biochemistry/Meteorology/Plant Protection/NCC etc.

\$The students can choose MOOCs/ NPTEL/SWAYAM/Path Shala/Add-on / Skill based courses of university/college initiated courses of same credits.

\$ These courses are not compulsory, but after completion of these courses students get additional credits on their mark lists.

\$ SEC courses run by colleges should be communicated to university for information & necessary action.

Punyashlok Ahilyadevi Holkar Solapur University, Solapur
Faculty of Science & Technology
Choice Based Credit System (CBCS)(w.e.f.2024-25)
Revised 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 (Business English)		Paper II Part A	4	--	--	50	40	10	2.0
Core Courses: (Students can opt any one subjects among the three Subjects excluding Interdisciplinary/Additional subject offered at B. Sc-II.)	DSC 1 E		Paper IX	4	--	--	100	80	20	4.0
	DSC 1 F		Paper X	4	--	--	100	80	20	4.0
	DSC 1 G		Paper XI	4	--	--	100	80	20	4.0
	DSE 1 A/B/C		Paper XII	4	--	--	100	80	20	4.0
Total Theory Sem-V				20	--	--	450	360	90	18
	\$ SEC-2			4	--	--	100	80	20	4.0
Class :		B.Sc.- III Semester –VI								
Ability Enhancement Course(AECC)	English (Business English)		Paper II Part B	4	--	--	50	40	10	2.0
Core Coursest: (Students can opt any one subjects among the three Subjects excluding interdisciplinary / Additional subject offered at B.Sc. II.	DSC 1 H		Paper XIII	4	--	--	100	80	20	4.0
	DSC 1 I		Paper XIV	4	--	--	100	80	20	4.0
	DSC 1 J		Paper XV	4	--	--	100	80	20	4.0
	DSE 2 A/B/C		Paper XVI	4	--	--	100	80	20	4.0
Total Theory Sem-VI				20	--	--	450	360	90	18
Core	DSC 1E &1H		Practical IV	--	--	5	100	80	20	4.0
	DSC 1F & 1 I		Practical V	--	--	5	100	80	20	4.0
	DSC 1G & 1 J		Practical VI	--	--	5	100	80	20	4.0
	DSE 1A/B & 2 A/B		Practical VII	--	--	5	100	80	20	4.0
Total (Practicals)						20	400	320	80	16
Grand Total				40		20	1300	1040	260	52
	\$ SEC- 2			4			100	80	20	4

\$The students can choose MOOCs/ NPTEL/SWAYAM/Pathshala/Add-on / Skill based courses of university/college initiated courses of same credits.

\$ These courses are not compulsory, but after completion of these courses students get additional credits on their Mark lists. \$SEC Courses initiated by colleges should be communicated to university for information and necessary action.

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

Class	Semester	Marks-Theory	Credits-Theory	Marks-Practical	Credits-Practical's	Total - credits
B.Sc.-I	I	450	18	--	--	18
	II	450	18	400	16	34
B.Sc.-II	III	300	12	--	--	12
	IV	300	12	600	24	36
B.Sc.-III	V	450	18	--	--	18
	VI	450	18	400	16	34
Total		2400	96	1400	56	152
	SEC sem.- III & V	200	8			8

B.Sc. Programme :

Total Marks : Theory + Practicals = 2400(+200) +1400 =3800+200

Credits : Theory + Practicals = 96(08) + 56 = 152+08

Numbers of Papers Theory: Ability Enhancement Compulsory Course (AECC) 04
 Theory: Discipline Specific Core Paper (DSC) 20
 Theory: Discipline Specific Elective paper (DSE) 02
 Skill Enhancement Course (SEC) 04

Total : Theory Papers (Core paper-22) 30
 : Practical Papers 11

Abbreviations:

L: Lectures T: Tutorials P: Practical UA: University Assessment CA : College Assessment CC: Core Course AEC : Ability Enhancement Course DSE : Discipline Specific Elective Paper SEC : Skill Enhancement Course, AIC: Additional Interdisciplinary Courses

Note: Each theory papers of 50 Marks should be of two Units.

Each theory papers of 100 Marks should be of four Units.

Each theory paper Unit is of 15 Lectures.

Practical paper of 100 Marks is of at least 20 practical.