

**Framework of B.Sc. (Honours) 4 year programme
For the Science departments of Panjab University Chandigarh**

Total Credits = 192

Total Marks = 4800

OUTLINE OF DISTRIBUTION OF COURSES, CREDITS, MARKS AND CONTACT HOURS

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Sem.		Discipline Specific Courses/Core (DSC)		Minor (M)		Inter-disciplinary courses (IDC)		Ability Enhancement Courses/language (AEC)		Skill Enhancement courses/Internship (SEC)		Common Value-Added Courses (VAC)		Total Marks	Contact hours (h)	Total Credits
I	Courses	DSC-1		M-1		IDC-1		AEC-1 AEC-2		SEC-1		VAC-1		600	480-510	24
		Theory	Practical	Theory	Practical	Theory	Practical	Theory	Practical	Theory	Practical	Theory	Practical			
	Credit	4	2	4	2	3/2	0/1	2 + 2	0	3/2	0/1	2	0			
	Marks	100	50	100	50	75/50	0/25	50 + 50	0	75/50	0/25	50	0			
	Contact hours	60	60	60	60	45/30	0/30	60+60*	0	45/30	0/30	30	0			
II	Courses	DSC-2		M-2		IDC-2		AEC-3 AEC-4		SEC-2		VAC-2		600	480-510	24
		Theory	Practical	Theory	Practical	Theory	Practical	Theory	Practical	Theory	Practical	Theory	Practical			
	Credit	4	2	4	2	3/2	0/1	2 + 2	0	3/2	0/1	2	0			
	Marks	100	50	100	50	75/50	0/25	50 + 50	0	75/50	0/25	50	0			
	Contact hours	60	60	60	60	45/30	0/30	60+60*	0	45/30	0/30	30	0			
III	Courses	DSC-3 DSC-4		M-3		IDC-3		-		SEC-3				600	480	24
		Theory	Practical	Theory	Practical	Theory	Practical			Theory	Practical					
	Credit	4+4	2+2	4	2	2	1			2	1					
	Marks	100+100	50+50	100	50	50	25			50	25					
	Contact hours	60+60	60+60	60	60	30	30			30	30					
IV	Courses	DSC-5 DSC-6		M-4		-		-		-		-		600	480	24

	DSC-7										600	465	24	
	Theory	Practical	Theory	Practical										
	Credit	4+4+4	2+2+2	4	2									
	Marks	100+100+100	50+50+50	100	50									
	Contact hours	60+60+60	60+60+60	60	60									
V	Courses	DSC-8 DSC-9 DSC-10		M-5				-		VAC-3		600	465	24
		Theory	Practical	Theory	Practical					Theory	Practical			
	Credit	4+4+4	2+2+2	3	1					2	0			
	Marks	100+100+100	50+50+50	75	25					50	0			
	Contact hours	60+60+60	60+60+60	45	30					30	0			
VI	Courses	DSC-11 DSC-12 DSC-13		M-6				-		Internship (INT-1)		600	465	24
		Theory	Practical	Theory	Practical									
	Credit	4+4+4	2+2+2	3	1					2				
	Marks	100+100+100	50+50+50	75	25					50				
	Contact hours	60+60+60	60+60+60	45	30					30				
VII	Courses	DSC-14 DSC-15 DSC-16 DSC-20A**		M-7				-		Research Project# (PROJECT PROPOSAL)		600	435	24
		Theory	Practical	Theory	Practical									
	Credit	4+4+4+4**	2+2**	3	1					6				
	Marks	100+100+100+100**	50+50*	75	25					150				
	Contact hours	60+60+60+60**	60+ 60**	45	30					120				
VIII	Courses	DSC-17 DSC-18 DSC-19		M-8				-		Research Project# (DISSERTATION)		600	435	24

	DSC-20B*													
	Theory	Practical	Theory	Practical										
Credit	4+4+4+4**	2+2**	3	1					6					
Marks	100+100+ 100+100**	50+50**	75	25					150					
Contact hours	60+60+60+ 60**	60+60**	45	30					120					
Total												4800	3720-3780	192

Important Notes:

1. The minor and major subjects opted by a student will remain same for two consecutive semesters (i.e Sem I and II; Sem III and IV; Sem V and Sem VI and Sem VII and Sem VIII). The change in these subjects during a running session will not be allowed.
2. IDC shall be different from the DSC and Minor courses.
3. * The contact hours of AEC courses are doubled in order to meet the conditions of the syllabi for teaching and improving writing skills.
4. #Only those students will be allowed to do research who will have more than 75% CGPA till 6th semester.
5. ** This paper is meant for those students who have less than 75% CGPA till 6th Semester and are not allowed to opt for research project.

Instructions for Nomenclature

1. The general codes are already given above in the scheme. Each department has to add the abbreviation for the department name as prefix to the code as XXX-DSC-1, XXX-M-1, XXX-IDC-1, XXX-AEC-1.

Example:

DSC-1 of Physics department will be written as PHY-DSC-1

M-1 of Chemistry department will be written as CHE-M-1

IDC-1 of Biochemistry department will be written as BCH-IDC-1

AEC-1 of English department will be written as ENG-AEC-1

THE CODES FOR VAC WILL BE ASSIGNED LATER

Criteria for the award of certificate/degree

1. Students exiting the programme after securing 48 credits will be awarded UG certificate in the relevant discipline/subject provided they secure 4 credits in work based vocational courses offered during summer term or internship/apprenticeship in addition to 6 credits from skill-based courses earned during first and second semester

2. Students exiting the programme after securing 96 credits will be awarded UG diploma in the relevant discipline/subject provided they secure additional 4 credits in skill-based vocational courses offered during last year or second year summer term.
3. Students who want to undertake 3-year UG programme will be awarded UG degree in the relevant discipline/subject upon securing 144 credits. Subject to minimum credit requirement in respective subject.
4. Students will be awarded UG degree (Honours) with Research in the relevant discipline/subject upon securing 192 credits subject to minimum credit requirement in respective subject.