

CURRICULUM AND CREDIT FRAMEWORK FOR UNDERGRADUATE PROGRAMMES UNDER NEP 2020

The UGC-CCFUGP: 3.2.3 provides various UG Degree programmes for students to choose the degree programme of their choice. The different UG Degree programmes are:

- i. UG Degree Programmes with Single Major:
- ii. UG Degree Programmes with Double Major:
- iii. Interdisciplinary UG Programmes:
- iv. Multidisciplinary UG Programmes:

Currently, due to limitations in infrastructure, faculty, and other resources, the institution is restricted to offering **3-year undergraduate degree programs with a single major**.

In this program, a student has to secure a minimum of 50% credits from the major discipline for a 3-year UG Degree to be awarded a single major.

For example: In a 3-year UG programme, if the total number of credits to be earned is 120, a student of Physics with a minimum of 60 credits will be awarded a B.Sc. in Physics with a single major. (UGCCCFUGP: 3.2.3)

Eligibility for the UG Programmes:

Candidates with Senior Secondary School Leaving Certificate or Higher Secondary (12th Grade) Certificate obtained after successfully completion of Grade 12 or equivalent stage of education corresponding to Level – 4 are eligible for admission to the UG Programmes (UGC-CCFUGP: 3.2.3).

Curricular Components:

The UG curriculum consists of the following components:

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|-------|---|------------|
| i. | Major Stream Courses | (4 credit) |
| ii. | Minor Stream Courses | (4 credit) |
| iii. | Multidisciplinary Courses | (3 credit) |
| iv. | Ability Enhancement Courses | (3 credit) |
| v. | Skill Enhancement Courses | (2 credit) |
| vi. | Value-Added Courses | (2 credit) |
| vii. | Internship / Apprenticeship / Field Project | (2 credit) |
| viii. | Other Activities | (0 credit) |

Level of Courses:

Courses shall be coded based on the learning outcomes, level of difficulty, and academic rigor. The coding of courses will be as follows:

Level	Meaning
0 – 99	Pre-requisite courses required to undertake an introductory course which will be a pass or fail course with no credits.
100 – 199	Foundation or introductory courses that are intended for students to gain an understanding and basic knowledge about the subjects and help decide the subject or discipline of interest

200 – 299	Intermediate-level courses including subject-specific courses intended to meet the credit requirements for minor or major areas of learning
300 – 399	Intermediate-level courses including subject-specific courses intended to meet the credit requirements for minor or major areas of learning
400 – 499	Advance courses (not relevant for 3-year UG Course)

Credit:

A **credit** is a unit by which the coursework is measured. It determines the hours of instruction required per week over the duration of a semester (minimum 15 weeks)

Semester-wise Course and Credit Distribution of 3-Year Undergraduate Programme

Semester	Course Categories	Credit	Level
I	2 Major Courses (4 + 4)	8	100
	1 Minor Course	4	100
	1 Multidisciplinary Course	3	
	1 Ability Enhancement Course	3	
	1 Value Added Course	2	
Total		20	
II	2 Major Courses (4 + 4)	8	100
	1 Minor Course	4	100
	1 Multidisciplinary Course	3	
	1 Skill Enhancement Course	3	
	1 Value Added Course	2	
Total		20	
Exit option with UG Certificate after securing 40 credits with additional 4 credits of work based vocational course(s) offered during summer term along with entry option to second year or third semester			
III	2 Major Courses (4 + 4)	8	200
	1 Minor Course	4	200&above
	1 Multidisciplinary Course	3	
	1 Skill Enhancement Course	3	
	1 Value Added Course	2	
Total		20	
IV	2 Major Courses (4 + 4)	8	200
	1 Minor Course	4	200&above
	1 Ability Enhancement Course	3	
	1 Skill Enhancement Course	3	
	1 Value Added Course	2	
Total		20	
Exit option with UG Diploma after securing 80 credits with additional 4 credits of skill based vocational course(s) offered during the first year or second year summer term along with entry option to third year			
V	3 Major Courses (4 + 4+ 4)	12	300

	1 Minor Course 1 Ability Enhancement Course 1 Internship	4 2 2	200&above 100
Total		20	
VI	4 Major Courses (4 + 4 + 4 + 4) 1 Minor Course	16 4	300 200&above
Total		20	
Award of 3 Year Bachelor's Degree after completion 120 credits with entry option to the 4 Year Bachelor's Degree for students who obtain a minimum CGPA of 7.5 in Bachelor's Degree examination			

Attendance:

Attendance A student shall be eligible to appear in the end-semester examination only if he/she has a minimum of 75% attendance.

Assessment:

Each course shall be assessed on the scale of **100 marks – 25% sessional work (CIA) and 75% end-semester examination.**

Criteria for assessment for sessional works

Criteria	Marks
Class Test (Average of 2 Test)	12
Assignment/Seminar/Project etc.	8
Attendance	5
Total	25

Evaluation of attendance

Attendance	Marks
90% and above	5
85% - 89%	4
80% - 84%	3
78% - 79%	2
75% - 77%	1

Criteria for sessional practical evaluation

Criteria	Marks
Lab activities and record	20
Regularity in practical class	5
Total	25

Criteria for end-semester practical evaluation

Criteria	Marks
Principle / Theory	5
Procedure / Performing of the experiment / Dissections / Results / Discussion	40
Record / File / Herbarium	10
Viva-voce	20
Total	75

Repeating or Options for Other Courses:

- (1) If a student fails in a particular course, he/she may repeat the same course in any semester.
- (2) Repetition of course(s) shall be only for end-semester examinations.

Re-evaluation:

- (1) In case student is not satisfied with the marks obtained he/she shall submit application for re-evaluation using prescribed form to the Controller of Examinations within 15 days from the date of declaration of results.
- (2) Re-evaluation is permissible only for end-semester examination.
- (3) The marks awarded in the re-evaluation shall be final.

Promotion:

Student shall be allowed to proceed from the first semester upto the final semester with conditions that they make up the requirements by repeating the same course(s) or choosing other relevant course(s) during relevant semesters.

Computation of Grades:

i) Letter Grades and Grade Points

Conversion of marks into letter grade and grade point

Marks	Letter Grade	Grade Point
90-100	O (Outstanding)	10
85 - 89	A+ (Excellent)	9
80 - 84	A (Very Good)	8
70 - 79	B+ (Good)	7
60 - 69	B (Above Average)	6
50 - 59	C (Average)	5
40 - 49	P (Pass)	4
<40	F (Fail)	0
	Ab (Absent)	0

ii) Computation of SGPA and CGPA

SGPA: The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses and the sum of the number of credits of all the courses undergone by the student,

$$\text{i.e. SGPA (Si)} = \frac{\sum(C_i \times G_i)}{\sum C_i}$$

where C_i is the number of credits of the i th course and G_i is the grade point scored by the student in the i th course.

Computation of SGPA

Semester	Course	Credit	Letter Grade	Grade Point	Credit Point
I	Course 1	3	A	8	$3 \times 8 = 24$
I	Course 2	4	B+	7	$4 \times 7 = 28$
I	Course 3	3	B	6	$3 \times 6 = 18$
I	Course 4	3	O	10	$3 \times 10 = 30$
I	Course 5	3	C	5	$3 \times 5 = 15$
I	Course 6	4	B	6	$4 \times 6 = 24$
Total		20			139
SGPA					$139/20 = 6.95$

CGPA: The Cumulative Grade Point Average (CGPA) is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a programme,

$$\text{i.e. CGPA} = \frac{\sum(C_i \times S_i)}{\sum C_i}$$

where S_i is the SBPA of i th semester and C_i is the total number of credits in that semester.

Computation of CGPA

Semester I	Semester II	Semester III	Semester IV
Credit: 20 SGPA I: ----	Credit: 20 SGPA II: ----	Credit: 20 SGPA III: ----	Credit: 20 SGPA IV: ----
$\text{CGPA} = (20 \times \text{SGPA I} + 20 \times \text{SGPA II} + 20 \times \text{SGPA III} + 20 \times \text{SGPA IV})/80$			

The SGPA and CGPA shall be rounded off to **2 decimal points** and reported in the transcript.

(iii) CGPA to Percentage Conversion

The following formula shall be used for conversion of CGPA to percentage:

$$\text{Percentage} = \text{CGPA} \times 9.5$$

For example, the GPA is 8 Multiply, i.e. $8 \times 9.5 = 76\%$

(iv) Classification of results

Classification of results in terms of divisions will be made based on the CGPA obtained by students as follows

Classification of CGPA into division

CGPA	DIVISION
≥ 8 to 10	Distinction
≥ 6.5 to < 8	First
≥ 5 to < 6.5	Second
≥ 4 to < 5	Third
< 4	Fail

Ranking:

Programme / Subject wise ranking shall be done for the award of Gold Medal from students of 3 Year UG Programmes (for those exiting after completion of 3 Year UG Programmes):

- i) Only those students who pass all the courses in regular chance with CGPA of 7.00 and above will be eligible for ranking.
- ii) If two or more candidates secure same CGPA, the candidate having higher SGPA in 5th & 6th semesters (for students exiting after completion of 3 Year UG Programmes) shall be considered.