6.6 Semester-wise Course Code and Credit Points for Single Major during the First Three Years of FYUGP is as given in Table-7

Table 7: Semester-wise Course Code and Credit Points for Single Major during the First Three Years of FYUGP

Semester	\multicolumn{3}{Common, Introductory, Major, Minor, Vocational & Internship Courses}		Credits	
	Code	Papers		Paper	Semester
I	AEC-1	Language and Communication Skills (MIL-1; Modern Indian language Hindi/ English)		2	20
	VAC-1	Value Added Course-1		2	
	IKS-1	Indian Knowledge System-I/Social Awareness Activities		2	
	SEC-1	Skill Enhancement Course-1		3	
	MDC-1	Multi-disciplinary Course-1		3	
	AC-1	Associated core courses from discipline/ Interdisciplinary/ vocational		4	
	MJ-1	Major paper 1 (Disciplinary/ Interdisciplinary Major)		4	
II	AEC-2	Language and Communication Skills (MIL-1; Modern Indian language English/ Hindi)		2	20
	VAC-2	Value Added Course-2		2	
	IKS-2	Social Awareness Activities/ Indian Knowledge System-I		2	
	SEC-2	Skill Enhancement Course-2		3	
	MDC-2	Multi-disciplinary Course-2		3	
	AC-2	Associated core courses from discipline/ Interdisciplinary/ vocational		4	
	MJ-2	Major paper 2 (Disciplinary/ Interdisciplinary Major)		4	
III	AEC-3	Language and Communication Skills (MIL-2; MIL including TRL)		2	20
	SEC-3	Skill Enhancement Course-3		3	
	MDC-3	Multi-disciplinary Course-3		3	
	ELC-1	Elective courses from discipline/ Interdisciplinary/ vocational		4	
	MJ-3	Major paper 3 (Disciplinary/ Interdisciplinary Major)		4	
	MJ-4	Major paper 4 (Disciplinary/ Interdisciplinary Major)		4	
IV	AEC-4	Language and Communication Skills (MIL-2; MIL including TRL)		2	20
	VAC-3	Value Added Course-3		2	
	ELC-2	Elective courses from discipline/ Interdisciplinary/ vocational		4	
	MJ-5	Major paper 5 (Disciplinary/ Interdisciplinary Major having IKS)		4	
	MJ-6	Major paper 6 (Disciplinary/ Interdisciplinary Major)		4	
	MJ-7	Major paper 7 (Disciplinary/ Interdisciplinary Major)		4	
V	ELC-3	Elective courses from discipline/ Interdisciplinary/ vocational		4	20
	MJ-8	Major paper 8 (Disciplinary/ Interdisciplinary Major)		4	
	MJ-9	Major paper 9 (Disciplinary/ Interdisciplinary Major)		4	
	MJ-10	Major paper 10 (Disciplinary/ Interdisciplinary Major)		4	
	MJ-11	Major paper 10 (Disciplinary/ Interdisciplinary Major)		4	
VI	ELC-4	Elective courses from discipline/ Interdisciplinary/ vocational		4	20
	MJ-12	Major paper 12 (Disciplinary/ Interdisciplinary Major)		4	
	MJ-13	Major paper 13 (Disciplinary/ Interdisciplinary Major)		4	
	MJ-14	Major paper 14 (Disciplinary/ Interdisciplinary Major)		4	
	MJ-15	Major paper 15 (Disciplinary/ Interdisciplinary Major)		4	
		Total Credits excluding one Internship (IAP) of 4 credits =		**120**	**120**

Note: It is mandatory to take One Internship of 4 credits in any one of the semesters during the first three years in FYUGP or before exit at any of the exit points if a student wishes to opt for the same.

6.7 Semester-wise Course Code and Credit Points for Single Major during Fourth Year of FYUGP is as given in **Table-8A, 8B & 8C**

Table 8A: Semester-wise Course Code and Credit Points for Single Major during the Fourth Year Years of FYUGP for Bachelor's Degree (Honours with Research)

Semester	Common, Introductory, Major, Minor, Vocational & Internship Courses		Credits	
	Code	Papers	Paper	Semester
VII A	ELC-5	Elective courses from discipline/ Interdisciplinary/ vocational	4	20
	MJ-16	Major paper 16 (Research Methodology)	4	
	MJ-17	Major paper 17 (Disciplinary/Interdisciplinary Major)	4	
	MJ-18	Major paper 18 (Disciplinary/Interdisciplinary Major)	4	
	RC-1	Research proposal – Planning & Techniques (Disciplinary/Interdisciplinary Major)	4	
VIII A	ELC-6	Elective courses from discipline/ Interdisciplinary/ vocational	4	20
	MJ-19	Major paper 20 (Disciplinary/Interdisciplinary Major)	4	
	MJ-20	Major paper 20 (Disciplinary/Interdisciplinary Major)	4	
	RC-2	Research Internship/Field Work/Project/Dissertation/Thesis	8	
		Total Credits excluding one Internship of 4 credits =	**160**	**160**

Table 8B: Semester-wise Course Code and Credit Points for Single Major during the Fourth Year Years of FYUGP for Bachelor's Degree (Honours)

Semester	Common, Introductory, Major, Minor, Vocational & Internship Courses		Credits	
	Code	Papers	Paper	Semester
VII B	ELC-5	Elective courses from discipline/ Interdisciplinary/ vocational	4	20
	MJ-16	Major paper 16 (Disciplinary/Interdisciplinary Major)	4	
	MJ-17	Major paper 17 (Disciplinary/Interdisciplinary Major)	4	
	MJ-18	Major paper 18 (Disciplinary/Interdisciplinary Major)	4	
	AMJ-1	Major paper 19 (Disciplinary/Interdisciplinary Major)	4	
VIII B	ELC-6	Elective courses from discipline/ Interdisciplinary/ vocational	4	20
	MJ-19	Major paper 20 (Disciplinary/Interdisciplinary Major)	4	
	MJ-20	Major paper 20 (Disciplinary/Interdisciplinary Major)	4	
	AMJ-1	Advanced Major paper-1 (Disciplinary/Interdisciplinary Major)	4	
	AMJ-2	Advanced Major paper-2 (Disciplinary/Interdisciplinary Major)	4	
		Total Credits excluding one Internship of 4 credits =	**160**	**160**

| Semester | Common, Introductory, Major, Minor, Vocational & Internship Courses | | Credits | |
	Code	Papers	Paper	Semester
VII C	ELC-5	Elective courses from discipline/ Interdisciplinary/ vocational	4	20
	MJ-16	Major paper 16 (Disciplinary/Interdisciplinary Major)	4	
	MJ-17	Major paper 17 (Disciplinary/Interdisciplinary Major)	4	
	MJ-18	Major paper 18 (Disciplinary/Interdisciplinary Major)	4	
	JOC-1	Skill based Job Oriented paper (Disciplinary/Interdisciplinary Major)	4	
VIII C	ELC-6	Elective courses from discipline/ Interdisciplinary/ vocational	4	20
	MJ-19	Major paper 20 (Disciplinary/Interdisciplinary Major)	4	
	MJ-20	Major paper 20 (Disciplinary/Interdisciplinary Major)	4	
	JOC-2	Skill based Job Oriented paper (Disciplinary/Interdisciplinary Major)	4	
	JOC-3	Skill based Job Oriented paper (Disciplinary/Interdisciplinary Major)	4	
		Total Credits excluding one Internship of 4 credits =	160	160

Note: Abbreviations used in Tables-8A, & 8B & 8C:

AEC	Ability Enhancement Courses
SEC	Skill Enhancement Courses
IAP	Internship/Apprenticeship/ Project
IKS	Indian Knowledge System
MDC	Multidisciplinary Courses
ELC	Elective Courses
MJ	Major Disciplinary/Interdisciplinary Courses
AC	Associated core courses from discipline/ Interdisciplinary/ vocational
MN	Minor Disciplinary/Interdisciplinary/vocational Courses
AMJ	Advanced Major Disciplinary/Interdisciplinary Courses
RC	Research Courses
JOC	Skill based Job Oriented course

7. **Nature of Different Types of Courses in a Programme**

7.1 **Lecture courses:** Courses involving lectures relating to a field or discipline by an expert or qualified personnel in a field of learning, work/vocation, or professional practice. A minimum of 15 hours of teaching per credit in a semester is recommended.

7.2 **Tutorial courses:** Courses involving problem-solving and discussions relating to a field or discipline under the guidance of qualified personnel in a field of learning, work/vocation, or professional practice.

7.3 **Practicum or Laboratory work/activity:** A course requiring students to participate in a project or practical or lab activity that applies previously learned/studied principles/theory related to the chosen field of learning, work/vocation, or professional practice under the supervision of an expert or

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qualified individual in the field of learning, work/vocation or professional practice.

7.4 **Seminar:** A course requiring students to participate in structured discussion/conversation or debate focused on assigned tasks/readings, current or historical events, or shared experiences guided or led by an expert or qualified personnel in a field of learning, work/vocation or professional practice.

7.5 **Internship:** A course requiring students to participate in a professional activity work experience, or cooperative education activity with an entity external to the education institution, normally under the supervision of an expert of the given external entity. A key aspect of the internship is induction into actual work situations. Internships involve working with local industry, government or private organizations, business organizations, artists, crafts persons, and similar entities to provide opportunities for students to actively engage in on-site experiential learning.

7.6 **Studio activities:** Studio activities involve the engagement of students in creative or artistic activities. Every student is engaged in performing a creative activity to obtain a specific outcome. Studio-based activities involve visual- or aesthetic-focused experiential work.

7.7 **Field practice/projects:** Courses requiring students to participate in field-based learning/projects generally under the supervision of an employee of the given external entity.

7.8 **Community engagement and service:** Courses requiring students to participate in field-based learning/projects generally under the supervision of an employee of the given external entity. The curricular component of 'community engagement and service' shall involve activities that would expose students to the socio-economic issues in society so that the theoretical learnings can be supplemented by actual life experiences to generate solutions to real-life problems.

8. **Number of Credits by Type of Course:**

The new curriculum framework provides flexibility to the students to learn courses of their choice across various branches of undergraduate programmes. All departments shall prescribe a certain specified number of credits for each course and common instruction hours (slot time). Overall Course Credit for Single Major under FYUGP is as given in **Table-9**

Table 9: Overall Course Credit for Single Major

Courses	Nature of Courses	3 yr UG Credits	4 yr UG Credits
Major	Core courses	60	80
Minor	Discipline/ Interdisciplinary/ Vocational courses	24	32
Multidisciplinary	3 Courses	9	9
AEC	Language courses	8	8

		9	9
SEC	Computer Awareness & Skills	9	9
Value Added Courses	Understanding India, Environmental Studies, Health, Wellness & Yoga	6	6
IKS & Awareness Module	One common course on Indian Knowledge System (2 credits) and one common course on Social Awareness (2 credits)	4	4
Research/ Dissertation/ Advanced Major Courses	Research Institutions/ 3 Courses	---	12
	Total Credits =	**120**	**160**
Mandatory 8 weeks Summer Internship during first three years for 4 Credits			
	Total Credits required for the award of Bachelor's Degree =	**124**	**164**

9. **Credit Hours for Different Types of Courses:**

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

9.1 **Tutorial courses:** One credit for tutorial work means one hour of engagement per week. In a semester of 15 weeks duration, a one-credit tutorial in a course is equivalent to 15 hours of engagement.

9.2 **Practicum or Laboratory work/activity:** A one-credit course in practicum or lab work, community engagement and services, and fieldwork in a semester means two hours of engagement per week. In a semester of 15 weeks duration, a one-credit practicum in a course is equivalent to 30 hours of engagement.

9.3 **Seminar:** A one-credit Seminar or Internship or Studio Activities or Field practice/ projects or Community engagement and service means two-hour engagements per week. Accordingly, in a semester of 15 weeks duration, one credit in these courses is equivalent to 30 hours of engagement.

9.4 **Hybrid courses:** A course can have a combination of lecture credits, tutorial credits, and practicum credits. For example, a 4-credit course with three credits assigned for lectures and one credit for practicum shall have three 1-hour lectures per week and one 2-hour duration field-based learning/project or lab work, or workshop activities per week. In a semester of 15 weeks duration, a 4-credit course is equivalent to 45 hours of lectures and 30 hours of practicum.

10. **Letter Grades and Grade Points**

10.1 Credit Weighed Marking System: The performance of a student is evaluated in terms of the earned credit weighted marking system. Earned credits are defined as the sum of course credits in which grade points above a certain cut-off have been obtained for declaring a learner pass in that course.

10.2 An absolute grading will be followed where the marks are converted directly to the grades based on pre-determined class intervals.

10.3 **Letter Grade and Grade Points:** It is an index of the performance of students in a said course. Grades are denoted by the letters O, A+, A, B+, B, C, P and F. A 10-point grading system with the letter grades as given in **Table-10** will be followed:

Table No. 10: Grades and Grade Points

Letter Grade	Grade Point
O (Outstanding)	10
A+ (Excellent)	9
A (Very Good)	8
B+ (Good)	7
B (Above Average)	6
C (Average)	5
P (Pass)	4
F (Fail)	0
Ab (Absent)	0

10.4 **Grades** and Grade Points Conversion according to class interval of marks and their conventional equivalent is as suggested in **Table-11** below:-

Table 11: Grades and Grade Points Conversion

The class interval of Marks %	Grade Point	Letter Grade	Grade	Conventional Equivalent
90 % and above	10	O	Outstanding	First Class with Distinction
75 to less than 90	9	A+	Excellent	
60 to less than 75	8	A	Very Good	First Class
55 to less than 60	7	B+	Good	
50 to less than 55	6	B	Above Average	Second Class
45 to less than 50	5	C	Average	
40 to less than 45	4	P	Pass	
Below 40	0	F	Fail	Fail
Absent	0	Ab	Absent	

11. **Cumulative Grade Point Average (CGPA)**

It is a measure of the overall cumulative performance of a student's overall semesters. The CGPA is the ratio of total credit points secured by a student in various courses in all semesters and the sum of the total credits of all courses in all semesters. It is expressed up to two decimal places.

12. **Computation of SGPA and CGPA**

12.1 The UGC recommends the following procedure to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA)

12.2 The SGPA is the ratio of the sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e.

$$\text{SGPA (Si)} = \sum (C_i \times G_i) / \sum C_i$$

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

Thus, SGPA =

$$\frac{\text{All} \sum Course\ [(Credits\ in\ each\ course) \times (Grade\ point\ in\ that\ course)]}{Total\ No.\ of\ Credits\ in\ that\ semester}$$

12.3 The 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, i.e.

$$\text{CGPA} = \sum (C_i \times S_i) / \sum C_i$$

where S_i is the SGPA of the ith semester and C_i is the total number of credits in that semester.

Thus, CGPA =

$$\frac{\text{All semester} \sum [(SGPA\ in\ each\ semester) \times (Total\ Credits\ in\ that\ semester)]}{Total\ No.\ of\ Credits\ in\ all\ semesters}$$

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

12.5 For the merit list, in case of equality, the CGPA shall be computed beyond two decimal places till the equality is resolved.

12.6 To pass a Semester examination, the minimum **SGPA required is 4.0** and a minimum of **4.0 GP** in individual theory, practical and other credit components.

12.7 **Illustration of computation of SGPA and CGPA**

12.7.1 Computation of SGPA (**Table: 12**)

Table No. 12: Illustration for SGPA

Course	Credit	Grade letter	Grade point	Credit Point (Credit X Grade)
Course 1	3	A	8	3 X 8 = 24
Course 2	4	B+	7	4 X 7 = 28
Course 3	3	B	6	3 X 6 = 18
Course 4	3	O	10	3 X 10 = 30
Course 5	3	C	5	3 X 5 = 15
Course 6	4	B	6	4 X 6 = 24
TOTAL=	20			139

Thus, SGPA =139/20 =6.95

12.7.2 Computation of CGPA (Table: 13)

Table No. 13: Illustration for CGPA

Semester 1	Semester 2	Semester 3	Semester 4
Credit: 20 SGPA:6.9	Credit: 20 SGPA:7.8	Credit: 20 SGPA: 7.0	Credit: 20 SGPA:8.4
Semester 5	**Semester 6**		
Credit: 20 SGPA:7.3	Credit: 20 SGPA: 8.6		

$$\text{Thus, CGPA} = \frac{20 \times 6.9 + 20 \times 7.8 + 20 \times 7.0 + 20 \times 8.4 + 20 \times 7.3 + 20 \times 8.6}{20+20+20+20+20+20}$$

$$= \frac{138 + 156 + 140 + 168 + 146 + 172}{120} = 7.66$$

12.7.3 **Transcript (Format):** Based on the above recommendations on Letter grades, grade points, SGPA and CCPA, the HEIs may issue the transcript for each semester and a consolidated transcript indicating the performance in all semesters.

13. Evaluation of Learning Outcome

13.1 Semester Internal Theory Examination in Major, Minor and Research Courses will be organized at the College/ Institution level. However, Only One End semester evaluation in other courses will be done either at the College/ Institution or University level depending upon the nature of the course in the curriculum.

13.2 For the units of evaluation (namely tests, seminars, presentations, class performance, fieldwork, thesis and others) the weightage assigned to each of such units in respect of each course shall be determined by the appropriate academic body of the university and shall be made known to the students at the beginning of the academic session of the year, the semester as the case may be.

13.3 The question papers for the examinations shall be set in such a manner as to ensure that they cover the entire syllabus of the concerned course.

13.4 The tests and examinations shall aim at evaluating not only the student's ability to recall information, which he/she had memorized but also his/her understanding of the subject and ability to synthesize scattered bits of information into a meaningful whole. Some of the questions shall be analytical and invite original thinking or application of theory.

13.5 Semester Internal Theory Examination (each of 1 hour) in Courses will be organized at the College/Institution level.

13.6 There shall be only one Practical Examination (each of 6 hours) in each semester for each paper separately.

13.7 Practical Examinations will be conducted by One External & One Internal Examiner.