

Credit Framework for Four Year Undergraduate Programmes @ GU



General Guidelines for Implementation of Four Year Under Graduate Programmes at Gujarat University

**Based on Framing of Uniform Credit Structure for all Higher Educational
Institutions of the State and Implementation of the Common Curriculum
and Credit Framework under the National Education Policy-2020**

GR No. KCG/admin/2023-24/0607/kh.1 dated 11/07/2023

**Gujarat University
Ahmedabad 380 009
Gujarat, INDIA**

The Gujarat University has implemented Four Year Undergraduate Credit Framework with Multiple Entry and Multiple Exit Options from the academic year 2023-2024

Credit Requirements to Award Degree under Each Category

Sr. No.	Broad Category of Course	Credit Requirement		
		3-Year UG	4-Year UG Honours	4-Year UG Honours with Research
1	Major (Core) Courses (with Internship)	68 (04)	92 (04)	92 (04)
2	Minor (Elective) Courses	24	32	32
3	Multidisciplinary/Interdisciplinary/Allied Courses	12	12	12
4	Ability Enhancement Courses (AEC)	10	10	10
5	Skill Enhancement Courses (SEC)	10	10	10
6	Value Added Courses common for all UG	08	08	08
7	Research Project / Dissertation	-	12 On the Job Training	12 Research Project
	Total	132	176	176

Arts / Commerce / BBA / Performing Arts

Semester	Discipline Specific Courses – Core (DSC-C)	Minor (DSC-M)	Multi/ Inter-disciplinary courses (MDC/IDC)	Ability Enhancement Courses (Language) (AEC)	Skill Enhancement Courses / Internship / Dissertation	Common Value Added Courses (VAC/IKS)	Total Credits	Remarks
I	DSC-C-111 : 4 DSC-C-112 : 4	DSC-M-113 : 4	MDC-114 : 4	AES-115 : 2	SEC-116 : 2	VAC-117 : 2	22	
II	DSC-C-121 : 4 DSC-C-122 : 4	DSC-M-123 : 4	MDC-124 : 4	AES-125 : 2	SEC-126 : 2	VAC-127 : 2	22	
Students exiting the programme after securing 44 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 the credits from skill-based courses earned during first and second semester.							22 + 22 = 44	UG Certificate 44+4=48
III	DSC-C-231 : 4 DSC-C-232 : 4 DSC-C-233 : 4	-	MDC-234 : 4	AES-235 : 2	SEC-236 : 2	VAC-237 : 2	22	
IV	DSC-C-241 : 4 DSC-C-242 : 4 DSC-C-243 : 4	DSC-M-244 : 4	-	AES-245 : 2	SEC-246 : 2	VAC-247 : 2	22	
Students exiting the programme after securing 88 credits will be awarded UG Diploma in the relevant Discipline /Subject provided they secure additional 4 credit in skill based vocational courses offered during first year or second year summer term.							44 + 44 = 88	UG Diploma 88+4=92
V	DSC-C-351 : 4 DSC-C-352 : 4 DSC-C-353 : 4	DSC-M-354 : 4 DSC-M-355 : 4	-	-	SEC-356 : 2	-	22	
VI	DSC-C-361 : 4 DSC-C-362 : 4 DSC-C-363 : 4	DSC-M-364 : 4	-	AES-365 : 2	Internship - 4	-	22	
Students who want to undertake 3-year UG programme will be awarded UG Degree in the relevant Discipline /Subject upon securing 132 credits							44 + 88 = 132	UG Degree
VII	DSC-C-471 : 4 DSC-C-472 : 4 DSC-C-473 : 4	DSC-M-474 : 4	-	-	-	OJT/RP - 6	22	
VI	DSC-C-481 : 4 DSC-C-482 : 4 DSC-C-483 : 4	DSC-M-484 : 4	-	-	-	OJT/RP - 6	22	
Students will be awarded UG Degree (Honours) with Research in the relevant Discipline /Subject provided they secure 176 credits							44 + 132=176	UG Degree (Honours)

4-year UG Degree (Honours): A four-year UG Honours degree in the major discipline will be awarded to those who complete a four-year degree programme with 176 credits and have satisfied the credit requirements.

4-year UG Degree (Honours with Research): Students who secure 75% marks and above in the first six semesters and wish to undertake research at the undergraduate level can choose a research stream in the fourth year. They should do a research project or dissertation under the guidance of a faculty member of the University/College. The research project/dissertation will be in the major discipline. The students who secure 176 credits, including 12 credits from a research project/dissertation, are awarded UG Degree (Honours with Research).

Science / BCA / Computer Science

Semester	Discipline Specific Courses – Core (DSC-C)	Minor (DSC-M)	Multi/ Inter-disciplinary courses (IDC)	Ability Enhancement Courses (Language) (AEC)	Skill Enhancement Courses / Internship / Dissertation	Common Value Added Courses (VAC/IKS)	Total Credits	Remarks
I	DSC-C-111T : 4 DSC-C-112P : 4	DSC-M-113 : 2 DSC-M-113P : 2	IDC-114T : 2 IDC-114P : 2	AES-115 : 2	SEC-116 : 2	VAC-117 : 2	22	
II	DSC-C-121T : 4 DSC-C-122P : 4	DSC-M-123T : 2 DSC-M-123P : 2	IDC-124T : 2 IDC-124P : 2	AES-125 : 2	SEC-126 : 2	VAC-127 : 2	22	
Students exiting the programme after securing 44 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.							22 + 22 = 44	UG Certificate 44+4=48
III	DSC-C-231T : 4 DSC-C-232T : 4 DSC-C-233P : 4	-	IDC-234T : 2 IDC-234P : 2	AES-235 : 2	SEC-236 : 2	VAC-237 : 2	22	
IV	DSC-C-241T : 4 DSC-C-242T : 4 DSC-C-243P : 4	DSC-M-244T : 2 DSC-M-244P : 2	-	AES-245 : 2	SEC-246 : 2	VAC-247 : 2	22	
Students exiting the programme after securing 88 credits will be awarded UG Diploma in the relevant Discipline /Subject provided they secure additional 4 credit in skill based vocational courses offered during first year or second year summer term.							44 + 44 = 88	UG Diploma 88+4=92
V	DSC-C-351T : 4 DSC-C-352T : 4 DSC-C-353P : 4	DSC-M-354T : 4 DSC-M-354P : 4	-	-	SEC-356 : 2	-	22	
VI	DSC-C-361T : 4 DSC-C-362T : 4 DSC-C-363P : 4	DSC-M-364T : 2 DSC-M-364P : 2	-	AES-365 : 2	Internship - 4	-	22	
Students who want to undertake 3-year UG programme will be awarded UG Degree in the relevant Discipline /Subject upon securing 132 credits							44 + 88 = 132	UG Degree
VII	DSC-C-471T : 4 DSC-C-472T : 4 DSC-C-473P : 4	DSC-M-474T : 2 DSC-M-474P : 2	-	-	-	OJT/RP - 6	22	
VI	DSC-C-481T : 4 DSC-C-482T : 4 DSC-C-483P : 4	DSC-M-484T : 2 DSC-M-484P : 2	-	-	-	OJT/RP - 6	22	
Students will be awarded UG Degree (Honours) with Research in the relevant Discipline /Subject provided they secure 176 credits							44 + 132=176	UG Degree (Honours)

4-year UG Degree (Honours): A four-year UG Honours degree in the major discipline will be awarded to those who complete a four-year degree programme with 176 credits and have satisfied the credit requirements.

4-year UG Degree (Honours with Research): Students who secure 75% marks and above in the first six semesters and wish to undertake research at the undergraduate level can choose a research stream in the fourth year. They should do a research project or dissertation under the guidance of a faculty member of the University/College. The research project/dissertation will be in the major discipline. The students who secure 176 credits, including 12 credits from a research project/dissertation, are awarded UG Degree (Honours with Research).

Subject Code For UG Commerce/ARTS: -PSY- is to be replace by your subject code like GUJ / ACC/ STAT /

Semester	Discipline Specific Courses – Core (DSC-C)	Minor (DSC-M)	Multi/ Inter-disciplinary courses (MDC/IDC)	Ability Enhancement Courses (Language) (AEC)	Skill Enhancement Courses / Internship / Dissertation	Common Value Added Courses (VAC/IKS)	Total Credits
I	DSC-C-PSY-111 : 4 DSC-C-PSY-112 : 4	DSC-M-PSY-113 : 4	MDC-PSY-114 : 4	AEC-115 : 2	SEC-116 : 2	IKS-117 : 2	22
II	DSC-C-PSY-121 : 4 DSC-C-PSY-122 : 4	DSC-M-PSY-123 : 4	MDC-PSY-124 : 4	AEC-125 : 2	SEC-126 : 2	VAC-127 : 2	22
III	DSC-C-PSY-231 : 4 DSC-C-PSY-232 : 4 DSC-C-PSY-233 : 4	-	MDC-PSY-234 : 4	AEC-235 : 2	SEC-236 : 2	IKS-237 : 2	22
IV	DSC-C-PSY-241 : 4 DSC-C-PSY-242 : 4 DSC-C-PSY-243 : 4	DSC-M-PSY-244 : 4	-	AEC-245 : 2	SEC-246 : 2	VAC-247 : 2	22
V	DSC-C-PSY-351 : 4 DSC-C-PSY-352 : 4 DSC-C-PSY-353 : 4	DSC-M-PSY-354 : 4 DSC-M-PSY-355 : 4	-	-	SEC-356 : 2	-	22
VI	DSC-C-PSY-361 : 4 DSC-C-PSY-362 : 4 DSC-C-PSY-363 : 4	DSC-M-PSY-364 : 4	-	AEC-365 : 2	Internship – 4	-	22
VII	DSC-C-PSY-471 : 4 DSC-C-PSY-472 : 4 DSC-C-PSY-473 : 4	DSC-M-PSY-474 : 4	-	-	-	OJT/RP – 6	22
VI	DSC-C-PSY-481 : 4 DSC-C-PSY-482 : 4 DSC-C-PSY-483 : 4	DSC-M-PSY-484 : 4	-	-	-	OJT/RP – 6	22

Subject Code For UG Science Courses : -PHY- is to be replace by your subject code like ELE / CHE /

Semester	Discipline Specific Courses – Core (DSC-C)	Minor (DSC-M)	Multi/ Inter-disciplinary courses (MDC/IDC)	Ability Enhancement Courses (Language) (AEC)	Skill Enhancement Courses / Internship / Dissertation	Common Value Added Courses (VAC/IKS)	Total Credits
I	DSC-C-PHY-111T : 4 DSC-C-PHY-112P : 4	DSC-M-PHY-113T : 2 DSC-M-PHY-113P : 2	MDC-PHY-114T : 2 MDC-PHY-114P : 2	AEC-115 : 2	SEC-116 : 2	IKS-117 : 2	22
II	DSC-C-PHY-121T : 4 DSC-C-PHY-122P : 4	DSC-M-PHY-123T : 2 DSC-M-PHY-123P : 2	MDC-PHY-124T : 2 MDC-PHY-124P : 2	AEC-125 : 2	SEC-126 : 2	VAC-127 : 2	22
III	DSC-C-PHY-231T : 4 DSC-C-PHY-232T : 4 DSC-C-PHY-233P : 4	-	MDC-PHY-234T : 2 MDC-PHY-234P : 2	AEC-235 : 2	SEC-236 : 2	IKS-237 : 2	22
IV	DSC-C-PHY-241T : 4 DSC-C-PHY-242T : 4 DSC-C-PHY-243P : 4	DSC-M-PHY-244T : 2 DSC-M-PHY-244P : 2	-	AEC-245 : 2	SEC-246 : 2	VAC-247 : 2	22
V	DSC-C-PHY-351T : 4 DSC-C-PHY-352T : 4 DSC-C-PHY-353P : 4	DSC-M-PHY-354T : 4 DSC-M-PHY-355P : 4	-	-	SEC-356 : 2	-	22
VI	DSC-C-PHY-361T : 4 DSC-C-PHY-362T : 4 DSC-C-PHY-363P : 4	DSC-M-PHY-364T : 2 DSC-M-PHY-364P : 2	-	AEC-365 : 2 (MIL)	Internship – 4	-	22
VII	DSC-C-PHY-471T : 4 DSC-C-PHY-472T : 4 DSC-C-PHY-473P : 4	DSC-M-PHY-474T : 2 DSC-M-PHY-474P : 2	-	-	-	OJT/RP – 6	22
VI	DSC-C-PHY-481T : 4 DSC-C-PHY-482T : 4 DSC-C-PHY-483P : 4	DSC-M-PHY-484T : 2 DSC-M-PHY-484P : 2	-	-	-	OJT/RP – 6	22

The Credit to Mark equivalence:

- 1 Credit = 25 Marks
- 2 Credits = 50 Marks
- 4 Credits = 100 Marks
- 22 Credits = 550 Marks (per semester)
- 44 Credits = 1100 Marks (Two semesters / per year)
- 88 Credits = 2200 Marks (Four semesters / Two years)
- 132 Credits = 3300 Marks for UG (Six semesters / Three years)
- 176 Credits = 4400 Marks UG Honours (Eight semesters / Four years)

There should be 04 units in the syllabus of 04 credits, except practicals/field work /internship / on the job training/etc.

There should be 02 units in the syllabus of 02 credits, except practicals/field work/ internship / on the job training/etc.

If a student attends an online/ODL session under the supervision of faculty members in a classroom, then the calculation of credit will be as per regular study mode i.e., 1 Credit theory = 15 Hrs. of learning and 1 credit of practical= 30 Hrs. of learning.

If a student attends an online/ODL session in Self Learning Mode, then calculation of 1 credit theory = 30 Hrs. of learning.

In a course/paper of 100 marks (04 credits) 50 Marks internal + 50 Marks external

In a course/paper of 50 marks (02 credits) 25 Marks internal + 25 Marks external

Theory Class: 1 Credit = 1 Hours/Week, 15 Hours/Semester

Practical/ Project/ Internship/ workshop/OJT: 1 Credit = 2 Hours/Week, 30 Hours/Semester

Field visit/ Industrial Visit/ Assignment: 1 Credit = 3 Hours/Week, 40-45 Hours/Semester

Practical batch size: 10 Students per batch per Teacher

Project batch size: 4 Students per Teacher (up to Semester VI)

Research Project / Dissertation at Semesters VII-VIII (Honours/ Honours with Research): 2 Students per Teacher

Research Project / Dissertation at Semesters VII-VIII (Honours/ Honours with Research): 4 Hours/week workload for Teacher

Students Performance and Evaluation Systems:

Following two components are included in the evaluation of students:

1. Continuous and Comprehensive Evaluation (CCE) – Formative
2. Semester End Evaluation (SEE) – Summative

Sr. No.	Evaluation	Weightage (%)	4 Credit/ Subject (Marks)	2 Credit/ Subject (Marks)
1	Continuous and Comprehensive Evaluation (CCE) (Internal Evaluation to be conducted by the College/Institute level) (Classroom and Mid-Term Evaluation)	50%	50	25
2	Semester End Evaluation (SEE)	50%	50	25
	Total	100%	100	50

Minimum Passing marks required to be score by the students in each course and in each head (Internal and External) is 36%.

Maximum Marks	Minimum Passing Marks
25	09
50	18
100	36

1. Continuous and Comprehensive Evaluation (CCE)

Internal Evaluation Scheme for Theory Course

Sr. No.	Exam Pattern	50 Marks	25 Marks
1	Internal Examination (Test)	30	15
2	Assignment	10	05
3	Attendance	10	05

Internal Evaluation Scheme for Practical/Project/Performance Course

Sr. No.	Exam Pattern	50 Marks	25 Marks
1	Practical/Project/Performance Examination	30	15
2	Viva Voce, Journal/Project Report	10	05
3	Attendance	10	05

Suggested Tools for Continuous Evaluation

- Assignment
- MCQ Test
- Presentation
- Role Play
- Seminar
- Symposium
- Poster Presentation
- Essay type Questions
- Classroom quizzes and exams
- Projects
- Organizing Fair and Events
- Industrial/ Education Visit
- Poster presentations of library or laboratory research
- Cooperative experiences
- Portfolios (collections of work)
- Standardized tests both within and across disciplines
- Student journals
- Questionnaires
- Interviews
- Focus groups
- Conducting Survey
- Case Studies

Subject-wise CCE will be undertaken by the concerned faculty member(s). The mode of evaluation will be decided by the University/College/Institute/faculty member(s) concerned with the subject.

Normally CCE consists of class participation, case analysis and presentation, assignment, tutorials, slip tests (announced/ surprised), quizzes, attendance etc. or any combination of these.

The students are expected to submit their answer scripts/ reports of internal evaluation within the stipulated time. Failure to do so may result in the script not being valued. Another part of CCE consists of mid-term written evaluation, which is compulsory for all students. It can be done in a scheduled manner. The duration of the mid-term evaluation shall be one hour.

2. Semester End Evaluation (SEE):

The question paper structure of theory course for Semester End Evaluation (University/ External Examination) for 04 Credit/ 4 Unit Course/ paper will be as follow:

Question No.	Unit No.	Type of Questions	Marks (50)	Duration of Examination
1	1	Question with Internal Option	10	2.30 Hrs.
2	2	Question with Internal Option	10	
3	3	Question with Internal Option	10	
4	4	Question with Internal Option	10	
5	1-4	Short Questions with Internal Option (Ten out of Twelve: Three questions to be asked from each unit) Objective Type Questions / Definitions/ Fill in the blank / MCQs / True-False / Match A with B	10	
		Total	50	

The question paper structure of theory course for Semester End Evaluation (University/ External Examination) for 02 Credit/ 2 Unit Course/ paper will be as follow:

Question No.	Unit No.	Type of Questions	Marks (25)	Duration of Examination
1	1	Question with Internal Option	10	1.5/2 Hrs.
2	2	Question with Internal Option	10	
3	1-2	Short Questions with Internal Option (Five out of Six: Two questions to be asked from each unit) Objective Type Questions / Definitions/ Fill in the blank / MCQs / True-False / Match A with B	05	
		Total	25	

The SEE carries 50% of the marks assigned to a course.

For theory courses, SEE shall be of 2 ½ hours for 4 credit courses and 1.5/2 hours in case of 2 credit courses.

For practicals/performance courses, SEE shall be of (3+3) hours for 4 credit courses and 3 hours in case of 2 credit courses.

The controller of the examination will conduct these examinations.

Paper setting and evaluation will be done by the external examiners to an extent of 50% of the evaluation process.

This examination shall be conducted as per a schedule which shall be notified in advance.

The backlog exam will be conducted twice a year just

Appearance in all the evaluations is mandatory and no exemption can be granted except in the following case:

1. In case of inability to attend the exam due to reasons considered genuine by the controller of examination in consultation with the Director/Board.
2. In case of medical emergency, a certificate from the registered medical practitioner must be produced before the commencement of exams. The evaluation board will then take final decision on the recommendation for exemption.

Eligibility Criteria to appear in SEE

To be able to appear for the SEE, a student must comply with the following conditions:

1. Should have at least 75% of attendance in all the courses put together
2. Should have at least 70% of attendance in each course/subject
3. Should not have any disciplinary proceedings pending against him/her
4. Should have no pending due
5. Should have appeared in all components of CCE.
6. The mid-term written evaluation is compulsory for all students.

Letter Grades and Grade Points

The relative grading system provides the relative performance of a student to a group/class wherein the student is ranked in a group/class on the basis of relative level of achievements.

HEIs may also mention the marks obtained by the students in each course and a weightage average of marks on the Grade sheet for the benefits of the students.

Letter Grade	Grade Point	Marks (In %)
O (Outstanding)	10	96.0-100
A+ (Excellent)	9	86.0-95.9
A (Very Good)	8	76.0-85.9
B+ (Good)	7	66.0-75.9
B (Above Average)	6	56.0-65.9
C (Average)	5	46.0-55.9
P (Pass)	4	36.0-45.9
F (Fail)	0	Below 36.0
Ab (Absent)	0	Absent

Cumulative Grade Point Average (CGPA)

The CGPA is based on the grades in all the courses taken after joining the programme of study.

Computation of CGPA

The CGPA is the ratio of the sum of the products of total credits scored in a particular semester with the SGPA scored by the student in that semester and the sum of the total number of credits of each semester. i.e.

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

Where S_i is the SGPA of the i^{th} semester and C_i is the total number of credits in that semester.

Minimum Passing Marks

Minimum Passing marks required to score by the students in each course and in each head (Internal and External) is 36%.

Maximum Marks	Minimum Passing Marks
25	09
50	18
100	36

Suggested End Semester Examination Pattern for Year-2023-24**Suggested Question Paper Format for 4 Credit Course (Theory)****Time: 2.5 Hours****Marks: 50**

Q. 1. Unit I	(A)	(10/7/6/5)
	(B)	(0/3/4/5)
OR		
	(A)	(10/7/6/5)
	(B)	(0/3/4/5)
Q. 2. Unit II	(A)	(10/7/6/5)
	(B)	(0/3/4/5)
OR		
	(A)	(10/7/6/5)
	(B)	(0/3/4/5)
Q. 3. Unit III	(A)	(10/7/6/5)
	(B)	(0/3/4/5)
OR		
	(A)	(10/7/6/5)
	(B)	(0/3/4/5)
Q. 4. Unit IV	(A)	(10/7/6/5)
	(B)	(0/3/4/5)
OR		
	(A)	(10/7/6/5)
	(B)	(0/3/4/5)
Q. 5.	Short Answer / MCQ (Any 10 out of 12) Three Question from each unit.	(10)

Suggested Question Paper Format for 2 Credit Course (Theory)**Time: 1.5/2 Hours****Marks: 25**

Q. 1. Unit I	(A)	(10/7/6/5)
	(B)	(0/3/4/5)
OR		
	(A)	(10/7/6/5)
	(B)	(0/3/4/5)
Q. 2. Unit II	(A)	(10/7/6/5)
	(B)	(0/3/4/5)
OR		
	(A)	(10/7/6/5)
	(B)	(0/3/4/5)
Q. 3.	Short Answer / MCQ (Any 05 out of 06) Two Question from each unit.	(05)

Question Paper Format for 4 Credit Course (Practical/Performance)

Examination of Two Practicals/Performance, One from each group: 50 Marks

One Practical/Performance of 25 Marks

Each of Three Hours Duration

10 Students per practical batch per teacher/examiner

Question Paper Format for 2 Credit Course (Practical/Performance)

Examination of One Practical/Performance: 25 Marks

Each of Three Hours Duration

10 Students per practical batch per teacher/examiner

Minimum Passing marks required to score by the students in each course and in each head (Internal and External) is 36%.

Maximum Marks	Minimum Passing Marks
25	09
50	18
100	36

The draft guideline is subject to modification and change as per the need of the University without prior notice and intimation.

The University reserves rights to change/modify/implement/not to implement any or all points of the guidelines as and when required.