

Four Year UG Programme

Curriculum Framework

University of Calicut

Academic Committee for CU-FYUGP

Three Types of UG Programmes

1. Three-Year UG Programme

- Minimum 133 credits (max. 150 credits)
- The student will have to do two-year PG programme

2. Four-Year UG Programme: UG Honours

- Minimum 177 credits (max. 200 credits)
- The student will have to do one-year PG programme
- In the fourth year the student has to do 11 courses or 8 courses and an optional Project

Three Types of UG Programmes

3. Four-Year UG Programme: UG Honours with Research

- Minimum 177 credits (max. 200 credits)
 - The student can opt to do one-year PG programme or can join directly for PhD programme
 - In the fourth year the student should have a mandatory Project
- The existing integrated PG programmes will be converted into Four-Year UG Programme + One-Year PG Programme

Discipline-Specific Components of FYUGP

1. Major

- 50% of the total credits in any one discipline
- Three-Year UG Programme:
 - 68 credits (50% of 133)
 - 17 courses
- Four-Year UG Programme:
 - 88 credits (50% of 177) + 12 additional credits
 - 5 Major courses + 3 Major courses / Project - in the fourth year

Discipline-Specific Components of FYUGP

2. Minor

- 24 / 32 credits in any one discipline other than the Major. It can be related to or unrelated to the Major.
- Three-Year UG Programme:
 - 24 credits
 - 6 Minor courses
- Four-Year UG Programme:
 - 32 credits
 - 8 Minor courses (2 more Minor courses in the fourth year)

Discipline-Specific Components of FYUGP

2. Minor

- One complementary programme = Three Minor courses = 12 credits
- The students in a Major discipline can choose as their Minor stream the Minor courses offered by the same discipline or a different discipline.
- In the former case the content of the Minor stream can be related to the Major discipline, but the Minor stream should maintain a distinct academic identity.

Discipline-Specific Components of FYUGP

3. Internship

- Hands-on / Field-based experience or training
- At the same institution or at an external institution / firm / industry
- It should be completed in the first three years of UG programme
- 2 credits
- No separate teaching hours
- The firm / institution from where the student shall undergo internship should be prior-approved by the Department Council

Discipline-Specific Components of FYUGP

4. Project

A. Project in UG Honours Programme

- Optional for the student (instead of three courses)
- 12 credits / in the Major discipline
- It can be guided by any faculty member
- It can be done at the same institution or at any other HEI /research centre
- The project proposal, the supervisor and the institution from where the student shall undergo Project, should be prior-approved by the Department Council
- The detailed guidelines should be prepared by the BoS in each Major discipline

Discipline-Specific Components of FYUGP

4. Project

B. Project in UG Honours with Research Programme

- Mandatory for the student. Only those students who score min. 75% marks cumulatively in the first six semesters will be admitted for this programme.
- 12 credits/ in the Major discipline
- It can be guided by a faculty member with PhD
- It can be done only at an approved research centre of the same university or any other university / HEI. Otherwise the centre should gain a prior approval from the university for offering this programme. The centre should have the required infrastructure.
- The project proposal, the supervisor and the institution from where the student shall undergo Project, should be prior-approved by the Department Council.

Discipline-Specific Components of FYUGP

Sl. No.	Discipline-Specific Courses (in the first three years)	No. of Courses	Required min. Credits
1	Major Pathway Courses	17	68
2	Minor Pathway Courses	6	24
3	Internship / Apprenticeship	-	2
	Total in the first three years of FYUGP	23	94

Academic Levels of Pathway Courses

Sl. No.	Academic Level	Nature of the Courses	Implementation in FYUGP	
			Semesters	Minimum Credits
1	0 – 99	Prerequisites for foundation courses	-	-
2	100 – 199	Foundation courses	1 & 2	24
3	200 – 299	Intermediate level courses	3 & 4	28
4	300 – 399	Higher level courses	5 & 6	42
5	400 – 499	Advanced / capstone / PG level courses	7 & 8	44
6	500 – 599	First year PG level courses in a two-year PG degree programme	-	-
7	600 – 699	Second year PG level courses in a two-year PG degree programme	-	-
8	700 – 799	Courses in a doctoral programme	-	-

General Foundation Courses

Sl. No.	Name of the General Foundation Course	No. of Courses	Required Credits	Distribution among the Semesters and the Departments in CU-FYUGP		
1	Ability Enhancement Course (AEC)	4	12	Sem I	AEC1 (P)	English (E)
					AEC2	Additional Languages (AL)
				Sem II	AEC3 (P)	English (E)
					AEC4	Additional Languages (AL)
2	Multi-Disciplinary Course (MDC)	3	9	Sem I	MDC1	All Departments
				Sem II	MDC2	All Departments
				Sem III	MDC3 (KS)	Both English (E) and Additional Languages (AL)
3	Value-Added Course (VAC)	3	9	Sem III	VAC1	English (E)
				Sem IV	VAC2	English (E)
					VAC3	Additional Languages (AL)
4	Skill Enhancement Course (SEC)	3	9	Sem IV	SEC1 (P)	English (E)
				Sem V	SEC2	All Departments
				Sem VI	SEC3	All Departments
	Total in the first three years of FYUGP	13	39			

Structure of the Fourth Year

- The student should earn min. 133 credits in the first three years to proceed to the fourth year
- Min. 44 credits to be earned in the fourth year
- Min. 32 credits in the Major discipline
 - 20 credits from 5 Major courses of first-year PG level/ level 400 (semester 7)
 - For UG Honours, an additional 12 credits from 3 Major courses of level 400 or an optional Project (semester 8)
 - For UG Honours with Research, an additional 12 credits from a mandatory Project in the Major discipline (semester 8)

Structure of the Fourth Year

- Additional 12 credits from 3 courses (semester 8)
 - For those opting for a Minor pathway, these three courses are in a Minor discipline. These can be UG final-year courses (level 300).
 - For those not opting a Minor pathway, these three courses are level 400 courses in the Major discipline or in any other discipline
 - Two of these three courses can be online courses from the list of courses approved by the BoS
 - For those opting for Honours with Research, one of these three courses should be in research methodology

Structure of the Fourth Year

Semester	Name of the Discipline-Specific Course	No. of Courses	Required Credits
VII	Major Advanced / Capstone / PG level Courses	5	20
VIII	Major Courses / Project (Honours) or Major Capstone / Research Project (Honours with Research)	3	12
	Minor Pathway Courses or 400 level courses in Major / any other discipline	3	12
	Total in the fourth year of FYUGP	11	44

Fifth Year of Integrated PG Programme

Sl. No.	Name of the Discipline-Specific Course	No. of Courses	Required Credits
1	Major Advanced / Capstone / PG level Courses	5	20
2	Research Project/ PG level Courses	5	20
3	Courses in online / blended mode	1	4
	Total in the fifth year of FYUGP	11	44

Five Academic Pathways

Sl. No.	Academic Pathway	Major	Minor/ Other Disciplines	Foundation Courses AEC: 4, MDC: 3 SEC: 3, VAC: 3	Intern-ship	Total Credits	Example
		Each course has 4 credits		Each course has 3 credits			
1	Single Major (A)	68	24	39	2	133	Major: Physics + a set of six courses in different subjects
2	Major (A) with Multiple Disciplines (B, C)	68	12 + 12	39	2	133	Major: Physics + Mathematics and Chemistry
3	Major (A) with Minor B	68	24	39	2	133	Major: Physics Minor: Mathematics
4	Major (A) with Vocational Minor (B)	68	24	39	2	133	Major: Physics Minor: Data Analysis

Five Academic Pathways

Sl. No.	Academic Pathway	Major	Minor/ Other Disciplines	Multi- Disciplinary Courses	Foundation Courses AEC: 4 SEC: 3 VAC: 3	Intern- ship	Total Credits	Example
		Each course has 4 credits		MDC: 3	Each course has 3 credits			
5	Double Major (A1, A2)	A1: 48 A2: 44	-	9	30	2	133	Physics and Chemistry double major
		<p>The 24 credits in the Minor stream are distributed between the two Majors.</p> <p>2 MDC, 2 SEC, 2 VAC and the internship should be in Major A1. Total credits in Major A1 should be $48 + 20 = 68$ (50% of 133)</p> <p>1 MDC, 1 SEC and 1 VAC should be in Major A2. Total credits in Major A2 should be $44 + 9 = 53$ (40% of 133)</p>						

Changing the Major, Minor and the Academic Pathway

- It is possible to change the Major to one of the Minor disciplines in which minimum two course are already attended by the student in the first two semesters, earning minimum 8 credits.
- Change of Major is not possible to a discipline in which one or more general foundation courses only are attended by the student in the first two semesters.
- When a student changes the Major to one of the disciplines in which he/she has earned minimum 8 credits as Minor, the credits acquired by the student by these courses will be transferred to the total credits required for the new Major.

Changing the Major, Minor and the Academic Pathway

- In each discipline 10% additional seats over and above the sanctioned strength may be created to accommodate the students seeking a change of Major. In addition, any unfilled or vacant seats after the close of admission may be filled with those seeking a change of Major.
- The total number of students after switching should remain within the statutory limit of that discipline.
- In both types of seats for admitting students after the change of Major, preference will be given to those who have got highest SGPA with no arrears in the first two semesters.

Course Distribution for Students: Humanities, Languages, Commerce, Management (pathways 1 – 4)

SEME- STER	DSC (credit 4)	AEC (credit 3)	SEC (credit 3)	MDC (credit 3)	VAC (credit 3)	Total Courses	Total Credits	Total Hrs/week	
I	3 A, B, C	AEC1 (P) (E) AEC2 (AL)		MDC1		6	21	22	
II	3 A, B, C	AEC3 (P) (E) AEC4 (AL)		MDC2		6	21	22	
III	4 A, A, B, C			MDC3(KS) (E & AL)	VAC1 (E)	6	22	22	
IV	3 A, A, A		SEC1(P) (E)		VAC2 (E) VAC3 (AL)	6	21	22	
V	5 A, A, A, A*, A* (*Electives 1, 2)		SEC2			6	23	23	
VI	5 A, A, A, A*, A* (*Electives 3, 4)		SEC3			6	23	23	
	INTERNSHIP							2	-
Total	Major A : 17 Minor B : 3 Minor C : 3	4	3	3	3	36	133	134	
EXIT WITH UG DEGREE / PROCEED TO FOURTH YEAR WITH 133 CREDITS									

Course Distribution for Students: Humanities, Languages, Commerce, Management (pathway 5: Double Major)

SEMESTER	DSC (credit 4)	AEC (credit 3)	SEC (credit 3)	MDC (credit 3)	VAC (credit 3)	Total Courses	Total Credits	Total Hrs/week	
I	3 A1, A1, A2	AEC1 (P) (E) AEC2 (OL)		A1		6	21	22	
II	3 A1, A2, A2	AEC3 (P) (E) AEC4 (OL)		A1		6	21	22	
III	4 A1, A1, A2, A2			A2	A1	6	22	22	
IV	3 A1, A1, A2		A1		A1 A2	6	21	21	
V	5 A1, A1, A1*, A2, A2* (*Electives 1, 2)		A1			6	23	23	
VI	5 A1, A1*, A2, A2, A2* (*Electives 3, 4)		A2			6	23	23	
	INTERNSHIP							2	-
Total	Major A1 : 12 Major A2 : 11	4	3	3	3	36	133	133	
EXIT WITH UG DEGREE / PROCEED TO FOURTH YEAR WITH 133 CREDITS									

Course Distribution for the Department: Humanities, Languages, Commerce, Management

No. of Complementary Programmes Offered by the Same Dept. in the Existing 3-Year Programme	Semester	Major Courses Offered by the Same Dept.	Minor Courses Offered by the Same Dept. in FYUGP [one complementary programme in the existing UG = 3 Minor courses in FYUGP]
0	I	A	-
	II	A	-
	III	A, A	-
	IV	A, A, A	-
	V	A, A, A, A, A	-
	VI	A, A, A, A, A	-
1 B1	I	A	B1
	II	A	B1
	III	A, A	B1
	IV	A, A, A	-
	V	A, A, A, A, A	-
	VI	A, A, A, A, A	-

Course Distribution for the Department: Humanities, Languages, Commerce, Management

No. of Complementary Programmes Offered by the Same Dept. in the Existing 3-Year Programme	Semester	Major Courses Offered by the Same Dept.	Minor Courses Offered by the Same Dept. in FYUGP [one complementary programme in the existing UG = 3 Minor courses in FYUGP]
2 B1, B2	I	A	B1, B2
	II	A	B1, B2
	III	A, A	B1, B2
	IV	A, A, A	-
	V	A, A, A, A, A	-
	VI	A, A, A, A, A	-
3 B1, B2, B3	I	A	B1, B2, B3
	II	A	B1, B2, B3
	III	A, A	B1, B2, B3
	IV	A, A, A	-
	V	A, A, A, A, A	-
	VI	A, A, A, A, A	-

Course Distribution for the Department: Humanities, Languages, Commerce, Management

No. of Complementary Programmes Offered by the Same Dept. in the Existing 3-Year Programme	Semester	Major Courses Offered by the Same Dept.	Minor Courses Offered by the Same Dept. in FYUGP [one complementary programme in the existing UG = 3 Minor courses in FYUGP]
4 B1, B2, B3, B4	I	A	B1, B2, B3, B4
	II	A	B1, B2, B3, B4
	III	A, A	B1, B2, B3, B4
	IV	A, A, A	-
	V	A, A, A, A, A	-
	VI	A, A, A, A, A	-
5 B1, B2, B3, B4, B5	I	A	B1, B2, B3, B4, B5
	II	A	B1, B2, B3, B4, B5
	III	A, A	B1, B2, B3, B4, B5
	IV	A, A, A	-
	V	A, A, A, A, A	-
	VI	A, A, A, A, A	-

Course Distribution for Students: Sciences

SEME-STER	DSC (credit 4)	AEC (credit 3)	SEC (credit 3)	MDC (credit 3)	VAC (credit 3)	Total Courses	Total Credits	Total Hrs/week	
I	3 A(P), B(P), C(P)	AEC1 (P) (E) AEC2 (AL)		MDC1		6	21	25	
II	3 A(P), B(P), C(P)	AEC3 (P) (E) AEC4 (AL)		MDC2		6	21	25	
III	4 A, A(P), B(P), C(P)			MDC3(KS) (E & AL)	VAC1 (E)	6	22	25	
IV	3 A(P), A(P), A(P)		SEC1(P) (E)		VAC2 (E) VAC3 (AL)	6	21	25	
V	5 A, A(P), A(P), A*, A* (*Electives 1, 2)		SEC2			6	23	25	
VI	5 A, A(P), A(P), A*, A* (*Electives 3, 4)		SEC3			6	23	25	
	INTERNSHIP							2	-
Total	Major A : 17 Minor B : 3 Minor C : 3	4	3	3	3	36	133	150	
EXIT WITH UG DEGREE / PROCEED TO FOURTH YEAR WITH 133 CREDITS									

Course Distribution for Students: Sciences (pathway 5: Double Major)

SEMESTER	DSC (credit 4)	AEC (credit 3)	SEC (credit 3)	MDC (credit 3)	VAC (credit 3)	Total Courses	Total Credits	Total Hrs/week	
I	3 A1(P), A1(P), A2(P)	AEC1 (P) (E) AEC2 (OL)		A1		6	21	25	
II	3 A1(P), A2(P), A2(P)	AEC3 (P) (E) AEC4 (OL)		A1		6	21	25	
III	4 A1, A1(P), A2(P), A2(P)			A2	A1	6	22	25	
IV	3 A1(P), A1(P), A2(P)		A1		A1 A2	6	21	24	
V	5 A1, A1*, A1(P), A2, A2*, A2(P), (*Electives 1, 2)		A1			6	23	25	
VI	5 A1*, A1(P), A2, A2*, A2(P) (*Electives 3, 4)		A2			6	23	25	
	INTERNSHIP							2	-
Total	Major A1 : 12 Major A2 : 11	4	3	3	3	36	133	149 ²⁷	

Course Distribution for the Department: Sciences

No. of Complementary Programmes Offered by the Same Dept. in the Existing 3-Year Programme	Semester	Major Courses Offered by the Same Dept.	Minor Courses Offered by the Same Dept. in FYUGP [one complementary programme in the existing UG = 3 Minor courses in FYUGP]
0	I	A(P)	-
	II	A(P)	-
	III	A, A(P)	-
	IV	A(P), A(P), A(P)	-
	V	A, A, A, A(P), A(P)	-
	VI	A, A, A, A(P), A(P)	-
1 B1	I	A(P)	B1(P)
	II	A(P)	B1(P)
	III	A, A(P)	B1(P)
	IV	A(P), A(P), A(P)	-
	V	A, A, A, A(P), A(P)	-
	VI	A, A, A, A(P), A(P)	-

Course Distribution for the Department: Sciences

No. of Complementary Programmes Offered by the Same Dept. in the Existing 3-Year Programme	Semester	Major Courses Offered by the Same Dept.	Minor Courses Offered by the Same Dept. in FYUGP [one complementary programme in the existing UG = 3 Minor courses in FYUGP]
2 B1, B2	I	A(P)	B1(P), B2(P)
	II	A(P)	B1(P), B2(P)
	III	A, A(P)	B1(P), B2(P)
	IV	A(P), A(P), A(P)	-
	V	A, A, A, A(P), A(P)	-
	VI	A, A, A, A(P), A(P)	-
3 B1, B2, B3	I	A(P)	B1(P), B2(P), B3(P)
	II	A(P)	B1(P), B2(P), B3(P)
	III	A, A(P)	B1(P), B2(P), B3(P)
	IV	A(P), A(P), A(P)	-
	V	A, A, A, A(P), A(P)	-
	VI	A, A, A, A(P), A(P)	-

Course Distribution for the Department: Sciences

No. of Complementary Programmes Offered by the Same Dept. in the Existing 3-Year Programme	Semester	Major Courses Offered by the Same Dept.	Minor Courses Offered by the Same Dept. in FYUGP [one complementary programme in the existing UG = 3 Minor courses in FYUGP]
4 B1, B2, B3, B4	I	A(P)	B1(P), B2(P), B3(P), B4(P)
	II	A(P)	B1(P), B2(P), B3(P), B4(P)
	III	A, A(P)	B1(P), B2(P), B3(P), B4(P)
	IV	A(P), A(P), A(P)	-
	V	A, A, A, A(P), A(P)	-
	VI	A, A, A, A(P), A(P)	-
5 B1, B2, B3, B4, B5	I	A(P)	B1(P), B2(P), B3(P), B4(P), B5(P)
	II	A(P)	B1(P), B2(P), B3(P), B4(P), B5(P)
	III	A, A(P)	B1(P), B2(P), B3(P), B4(P), B5(P)
	IV	A(P), A(P), A(P)	-
	V	A, A, A, A(P), A(P)	-
	VI	A, A, A, A(P), A(P)	-

Some Changes

1. CURRICULUM IS FOR 25 HRS./WEEK

- The curriculum should be designed for 25 hrs./week in each semester

2. MAJOR WITH MINOR – CONDITIONS FOR THE MINOR

- Three-year programme: 24 credits from 6 courses
- Four-year programme: 32 credits from 8 courses
- 2 more courses in the 8th semester

Some Changes

3. ONLINE COURSES

- The online courses for the students should be listed by the BoS, not simply the repositories.
- Two online courses are not mandatory, but optional, in the fourth year. Two more Major courses should be designed in the 8th semester for those students who do not opt for online courses.
- Those switching to a stream different from the one they have studied at the higher secondary level, need not pass 0-99 level courses as prerequisites.

Some Changes

4. MAJOR COURSES IN THE FOURTH YEAR

- (1). All will be of level 400
- (2). Designing Advanced skill courses in Major is optional. BoS can design any Major course of level 400.
- (3). Design two Major courses instead of the online courses.
- (4). Design one course on Research Methodology for those opting Honours with Research.

Some Changes

5. MINOR COURSES IN THE FOURTH YEAR

- In the fourth year, if the students opt to take Minor courses offered by the same department that also offers their Major discipline, then three separate Minor courses have to be designed for them in the 8th semester.

Thank You