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UNIVERSITY OF KERALA

Thiruvananthapuram, Kerala, India – 695034

(Established as University of Travancore by the Travancore University Act in 1937 and reconstituted as University of Kerala by the Kerala University Act of 1957 and presently governed by the Kerala University Act of 1974 passed by the Kerala State Legislative Assembly)
(Re-accredited by NAAC with 'A' Grade)

No. 16605/Ac A V/2021/UOK

Dated: 04.06.2021

From

The Registrar

To

The Principal

Government College for Women, Trivandrum

Sir,

Sub:- First Degree Programmes under Choice Based Credit and Semester system-2010 admission onwards-reg

Ref:- 1.Letter.NoB6/1436/2020/GCWN dated

31.05.2020 from the Principal, Government College for Women, Trivandrum

Inviting attention to the above captioned subject, I hereby inform you that the Under Graduate programmes offered in your college except BA Honours in English (BA Honours is not a First Degree Programme) are First Degree Programmes under Choice Based Credit and Semester (CBCS) system , introduced w.e.f 2010 admissions.

Yours faithfully

Dr. K S Anil Kumar

Registrar



[Signature]
PRINCIPAL
GOVT. COLLEGE FOR WOMEN
THIRUVANANTHAPURAM.



UNIVERSITY OF KERALA

Thiruvananthapuram, Kerala, India -695034

(Establishes as University of Travancore by the Travancore University Act in 1937 and reconstituted as University of Kerala by the Kerala University Act of 1957 and presently governed by the Kerala University Act of 1974 passed by the Kerala State Legislative Assembly)

"Re-accredited by NAAC with "A" Grade"

No.16613/Ac AII/2021/UOK

04.06.2021

From

The Registrar

To

The Principal
Govt.College for Women,
Thiruvananthapuram

Sir/Madam,

Sub:- NAAC verification and validation- issuing certificates regarding the programmes offered by University of Kerala in the College- reg.

Ref:- 1. That office letter No.B6/1436/2020/GCWT dated 31.05.2021

With reference to the above, I am to inform you that the following Post Graduate courses under **Elective course system** offered through Govt.College for Women, Thiruvananthapuram, have approved Scheme and Syllabus:

- | | |
|---------------------------|---|
| 1. M.A Business Economics | 10. M.Sc. Chemistry |
| 2.M.A. Economics | 11. M.Sc. Home Science(Extn.Edn.) |
| 3.M.A. English | 12. M.Sc. Home Science (Food and Nutrition) |
| 4. M.A. Hindi | 13. M.Sc. Mathematics |
| 5. M.A.History | 14. M.Sc. Physics |
| 6. M.A. Malayalam | 15 M.Sc. Psychology |
| 7. M.A.Music | 16. M.Sc. Zoology |
| 8.M.A. Philosophy | 17. M.Com |
| 9.M.Sc. Botany | |

The matter is intimated as per your request for the purpose of NAAC Accreditation process

Yours faithfully

Dr.K.S.Anilkumar
REGISTRAR

PRINCIPAL
GOVT. COLLEGE FOR WOMEN
THIRUVANANTHAPURAM



FIRST DEGREE PROGRAMMES (CBCS System)**English Language/Foundation Courses for BA/BSc Programmes****SEMESTERS I to IV - COURSE BREAKUP**

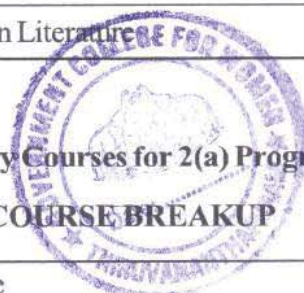
Sem No	Course No	Course Title	Instructional hours	credits
1	EN 1111.1	Language Course 1: Listening, Speaking, and Reading	5	4
1	EN 1121	Foundation Course 1: Writings on Contemporary Issues	4	2
2	EN 1211.1	Language Course 3: Environmental Studies	6	4
2	EN 1212.1	Language Course 4: Modern English Grammar and Usage	4	3
3	EN 1311.1	Language Course 6: Writing and Presentation Skills	5	4
4	EN 1411.1	Language Course 8: Readings in Literature	5	4

English Language Courses for BCom Programmes**SEMESTERS I to IV - COURSE BREAKUP**

Sem No	Course No	Course Title	Instructional hours	credits
1	EN 1111.2	Language Course 1: Listening, Speaking, and Reading	5	4
2	EN 1211.2	Language Course 3: Modern English Grammar and Usage	5	4
3	EN 1311.2	Language Course 4: Writing and Presentation Skills	3	3
4	EN 1411.2	Language Course 6 : Readings in Literature	3	3

English Language/Complementary Courses for 2(a) Programmes**SEMESTERS I to IV - COURSE BREAKUP**

Sem No	Course No	Course Title	Instructional hours	credits
1	EN 1111.3	Language Course 1: Listening Speaking and Reading	5	4
2	EN 1211.3	Language Course 3: Modern English Grammar and Usage	5	3
3	EN 1311.3	Language Course 5: Writing and Presentation Skills	5	4
3	EN 1331.3	Complementary Course 3: Creative Writing [Career related – 2(a)]	5	4
4	EN 1411.3	Language Course 6 : Readings in Literature	5	4
4	EN 1431	Complementary Course 4: English for the Media [Career related - 2(a)]	5	4



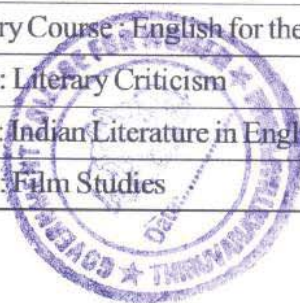
Shir
PRINCIPAL
GOVT. COLLEGE FOR WOMEN
THIRUVANANTHAPURAM-14

FIRST DEGREE PROGRAMMES (CBCS System) in B.A. ENGLISH LANGUAGE & LITERATURE

SEMESTERS I to VI - COURSE BREAKUP

[2015 Admission onwards]

Sem No	Course No	Course Title	Instructional hours	credits
1	EN 1111.1	Language Course 1: Listening Speaking and Reading	5	4
1		Language Course 2: (Additional Language 1)	4	3
1	EN 1121	Foundation Course 1: Writings on Contemporary Issues	4	2
1	EN 1141	Core Course 1: Reading Poetry	6	4
1	EN 1131	Complementary Course 1: History of English Literature 1	3	3
1		Complementary Course 2 (External)	3	2
2	EN 1211.1	Language Course 3: Environmental Studies	6	4
2	EN 1212.1	Language Course 4: Modern English Grammar & Usage	4	3
2		Language Course 5: (Additional Language 2)	4	3
2	EN 1241	Core Course 2: Reading Drama	6	4
2	EN 1231	Complementary Course 3: History of English Literature 2	3	3
2		Complementary Course 4 (External)	3	3
3	EN 1311.1	Language Course 6: Writing and Presentation Skills	5	4
3		Language Course 7: (Additional Language 3)	5	4
3	EN 1341	Core Course 3: Reading Fiction	4	3
3	EN 1342	Core Course 4: 20 th Century Malayalam Literature in English Translation	5	4
3	EN 1331	Complementary Course 5: History of English Literature 3	3	3
3		Complementary Course 6 (External)	3	3
3	EN 1331.3	Complementary Course : Creative Writing [Career 2(a)]	5	4
4	EN 1411.1	Language Course 8: Readings in Literature	5	4
4		Language Course 9: (Additional Language 4)	5	4
4	EN 1441	Core Course 5: Reading Prose	5	4
4	EN 1421	Foundation Course 2: Informatics	4	3
4	EN 1431	Complementary Course 7: History of English Language	3	2
4		Complementary Course 8 (External)	3	3
4	EN 1431.3	Complementary Course : English for the Media	5	4
5	EN 1541	Core Course 6: Literary Criticism	5	4
5	EN 1542	Core Course 7: Indian Literature in English	5	4
5	EN 1543	Core Course 8: Film Studies	5	2



Attested
 Principal
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 THIRUVANANTHAPURAM

5	EN 1544	Core Course 9: Linguistics and Phonetics	4	4
5	EN 1545	Core Course 10: Post Colonial Literatures in English	5	4
5	EN 1551.1	Open Course 1: Communicative Applications in English	3	2
	EN 1551.2	Open Course 1: Theatre Studies		
	PE 1551	Open Course 1: Health and Fitness Education		
6	EN 1641	Core Course 11: World Classics	5	4
6	EN 1642	Core Course 12: Methodology & Perspectives of Humanities	5	4
6	EN 1643	Core Course 13: English for the Media	5	4
6	EN 1644	Core Course 14: Women's Writing	4	3
6	EN 1661.1	Elective Course : Translation Studies	3	2
	EN 1661.2	Elective Course: Copy Editing		
	EN 1661.3	Elective Course: Creative Writing		
6	EN 1645	Project	3	4

*True copy of UG
BA English syllabus
Attested*

[Signature]
PRINCIPAL
GOVT. COLLEGE FOR WOMEN
THIRUVANANTHAPURAM-14



First Degree Programme in Malayalam under the Choice Based Credit and Semester (CBCS) System

പ്രോഗ്രാം: മലയാളം : ഭാഷയും സംസ്കാരവും സാഹിത്യവും

(Programme - Malayalam: Language, Culture and Literature)

Course Structure for First Degree Programme in Malayalam

Semester No.	Course Code	Course Title	Instructional hours/weeks			Credit/ Course	Page No
			L	T	P		
I	EN 1111	Language Course I (English I)	5	-	-	4	8
	ML 1111.1	Lang. Course II (Addl. Lang. I) - മലയാളകവിത (കാവ്യമാലിക)	4	-	-	3	
	EN 1121	Foundation Course - I	4	-	-	2	10
	ML 1141	Core Course-I - നോവൽ: ചരിത്രവും പാഠവും	6	-	-	4	
	ML 1131.1	Compl. Course I - കേരളസംസ്കാരം ഭാഗം - 1	3	-	-	2	13
	SK 1131.2	Compl. Course - II - സംസ്കൃതം - 1	3	-	-	2	
		ആകെ	25			17	
II	EN 1211	Lang. Course-III (English II)	5	-	-	4	16
	EN 1212	Lang. Course IV (English III)	4	-	-	3	
	ML 1211.1	Lang. Course V (Addl. lang. II) - ഗദ്യസാഹിത്യം (ഗദ്യമാലിക)	4	-	-	3	18
	ML 1241	Core Course II - നാടകം: ചരിത്രം, പാഠം, പ്രയോഗം	6	-	-	4	
	ML 1231.1	Compl. Course III - കേരളസംസ്കാരം ഭാഗം - 2	3	-	-	3	22
	SK 1231.2	Compl. Course IV - സംസ്കൃതം - 2	3	-	-	3	
		ആകെ	25			20	
III	EN 1311	Lang. Course VI (English IV)	5	-	-	4	24
	ML 1311.1	Lang. Course VII (Addl. Lang. III) - ദൃശ്യകലാസാഹിത്യം (ദൃശ്യഭാരതി)	5	-	-	4	
	ML 1321	Foundation Course - II (Informatics)- ആധുനിക സാങ്കേതികവിദ്യയും മലയാളഭാഷാപഠനവും	4	-	-	3	25
	ML 1341	Core Course III - സാഹിത്യ സിദ്ധാന്തങ്ങൾ: പൗരസ്ത്യവും പാശ്ചാത്യവും	5	-	-	4	28
	ML 1331	Compl. Course V - പരിസ്ഥിതി: സിദ്ധാന്തവും ആവിഷ്കാരവും	3	-	-	3	31
	SK 1331.2	Compl. Course VI - സംസ്കൃതം - 3	3	-	-	3	
		ആകെ	25			21	

Semester No.	Course Code	Course Title	Instructional hours/weeks			Credit/ Course	Page No
			L	T	P		
IV	EN 1411	Lang. Course - VIII (English V)	5	-	-	4	34
	ML 1411.1	Lang. Course IX (Addl. Lang. IV) ആശയവിനിമയം, സർഗ്ഗാത്മകരചന, ഭാഷാവബോധം	5	-	-	4	
	ML 1441	Core Course - IV- മലയാള കവിത പുർവ്വഘട്ടം (ഉദയഭാരതി)	5	-	-	4	36
	ML-1442	Core Course-V- മലയാളസാഹിത്യനിരൂപണം	4	-	-	3	39
	ML-1431	Compl. Course VII - ദലിതെഴുത്ത്, പെണ്ണെഴുത്ത്: സിദ്ധാന്തവും ആവിഷ്കാരവും	3	-	-	3	42
	SK 1431.2	Compl. Course VIII - സംസ്കൃതം - 4	3	-	-	3	
		ആകെ	25			21	
V	ML1541	Core Course VI - ഭാഷാശാസ്ത്രം, ഭാഷാചരിത്രം	4	-	-	4	46
	ML 1542	Core Course VII - ചെറുകഥാപഠനം	4	-	-	4	49
	ML 1543	Core Course VIII - വിവർത്തനം: സിദ്ധാന്തവും പ്രയോഗവും	3	-	-	2	52
	ML 1544	Core Course IX - ജീവചരിത്രം, ആത്മകഥ, യാത്രാനുഭവം	4	-	-	4	54
	ML 1545	Core Course X - തിരക്കഥയും സിനിമയും	4	-	-	4	56
		Open Course -1					
	ML 1551.1	കേരളീയകലകൾ/					60
	ML 1551.2	തിരക്കഥാരചന: തത്ത്വവും പ്രയോഗവും/					63
	ML 1551.3	മലയാള പത്രപ്രവർത്തനം					65
	ML 1551.4	ചലച്ചിത്രപഠനം. Project/Dissertation	3 3	- -	- -	2 -	67
		ആകെ	25			21	
VI	ML 1641	Core Course XI - മാധ്യമലോകം	5	-	-	4	71
	ML 1642	Core Course XII - മലയാളവ്യാകരണം	5	-	-	4	74
	ML 1643	Core Course XIII - മലയാളകവിത - ഉത്തരഘട്ടം	5	-	-	4	76
	ML 1644	Core Course XIV - നാടോടി വിജ്ഞാനീയം	4	-	-	3	79

Semester No.	Course Code	Course Title	Instructional hours/weeks			Credit/ Course C	Page No
			L	T	P		
VI		Open Course II (Elective)					
	ML 1651.1	താരതമ്യ സാഹിത്യം/					82
	ML 1651.2	ഭാഷാസാഹിത്യസംവാദങ്ങൾ/					83
	ML 1651.3	കേരളീയ കലകൾ/					86
	ML 1651.4	തിരക്കഥ രചന: തത്ത്വവും പ്രയോഗവും/					89
	ML 1651.5	മലയാളപത്രപ്രവർത്തനം	3	-	-	2	91
	ML 1645	Project/Dissertation	3	-	-	4	
		ആകെ	25			21	

Summary

1.	Language Course (English)	-	5	-	24 hrs	19 credits
2.	Additional Language	-	4	-	18 hrs	14 credits
3.	Foundation courses	-	2	-	8 hrs	5 credits
4.	Complimentary courses	-	8	-	24 hrs	22 credits
5.	Core courses	-	13	-	64 hrs	52 credits
6.	Open course/ Elective	-	2	-	6 hrs	4 credits
7.	Project	-	1	-	6 hrs	4 credits
Total:			35 courses		150 hrs	120 credits

എഴുത്തു പരീക്ഷയുടെ ചോദ്യമാതൃക

സമയം: 3 മണിക്കൂർ

ആകെ മാർക്ക്: 80

- ഒരു വാക്കിലോ വാക്യത്തിലോ ഉത്തരം എഴുതാനുള്ള പത്തു ചോദ്യം. എല്ലാ ചോദ്യത്തിനും ഉത്തരം എഴുതണം. ഓരോന്നിനും ഒരു മാർക്ക് വീതം.
(10 x 1 = 10)
- ഒരു ഖണ്ഡികയിൽ ഉത്തരം എഴുതാനുള്ള 12 ചോദ്യം. എട്ടു ചോദ്യത്തിന് ഉത്തരം എഴുതണം. ഓരോന്നിനും രണ്ടു മാർക്ക് വീതം.
(8 x 2 = 16)
- 120 വാക്കിൽ കവിയാതെ ഉത്തരം എഴുതാൻ 9 ചോദ്യം. 6 ചോദ്യത്തിന് ഉത്തരം എഴുതണം. ഓരോന്നിനും 4 മാർക്ക് വീതം
(6 x 4 = 24)
- മൂന്നു പുറത്തിൽ ഉത്തരം എഴുതാനുള്ള ഉപന്യാസമാതൃകയിലുള്ള ചോദ്യം 4. ഉത്തരം എഴുതേണ്ടത് രണ്ടെണ്ണത്തിന്. പതിനഞ്ച് മാർക്ക് വീതം.
(2 x 15 = 30)

ആകെ - 80 മാർക്ക്

**Scheme and Syllabi
For First Degree Programme in Hindi
(Faculty of Oriental Studies)**

General Scheme

Duration	: 6 semesters of 18 Weeks/90 working days
Total Courses	: 36
Total Credits	: 120
Total Lecture Hours	: 150/Week
Evaluation	: Continuous Evaluation (CE): 25% Weightage End Semester Evaluation (ESE): 75% (Both the Evaluations by Direct Grading System on a 5 Point scale)

Summary of Courses in Hindi

Course Type		No. of Courses	Credits	Lecture Hours/ Week
a.	Hindi (For B.A./B.Sc.) Language course : Additional Language	4	14	18
b.	Hindi (For B.Com.) Language course : Additional Language	2	8	8
c.	First Degree Programme in Hindi Language and Literature			
	Foundation Course	1	3	4
	Complementary Course	8	22	24
	Core Course	14	52	64
	Open Course	2	4	6
	Project/Dissertation	1	4	6

A. Outline of Courses

B.A./B.Sc. DEGREE PROGRAMMES

Course Code	Course Type	Course Title	Credit	Lecture Hours/ Week
HN 1111.1	Language course (Common Course) Addl. Language I)	Prose And One act plays	3	4
HN 1211.1	Language Course- Common (Addl. Language II)	Fiction, Short story, Novel	3	4
HN 1311.1	Language Course- Common (Addl. Language III)	Poetry & Grammar	4	5
HN 1411.1	Language Course- Common	Drama, Translation	4	5

	(Addl. Language IV)	& Correspondence		
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B.Com. DEGREE PROGRAMME

Course Code	Course Type	Course Title	Credit	Lecture Hours/ Week
HN 1111.2	Language course (Common Course) Addl. Language I)	Prose, Commercial Hindi And Letter Writing	4	4
HN 1211.2	Language Course- Common (Addl. Language II)	Poetry, Translation, Technical Terminology And Communication	4	4

FIRST DEGREE PROGRAMME IN HINDI LANGUAGE AND LITERATURE

Course Code	Course Type	Course Title	Credit	Lecture Hours/ Week
HN 1321	Foundation Course	Information and Computer	3	4
HN 1131	Complimentary : Course I	Secretarial Practice And Official Correspondence in Hindi (Compulsory)	3	4
HN 1132/ SK 1131.1	Compl: Course II	History of India Medieval And Modern Period	3	3
HN 1231	Compl: Course III	Special Author Kabeer Das (Compulsory)	3	3
HN 1232/ SK 1231.1	Compl: Course IV	Literary Creation And Transformation	3	3
HN 1331 SK 1331.1	Compl: Course V	Comparative Literature with Special Reference to Hindi And Malayalam	3	3
HN 1332	Compl: Course VI	Development of Hindi as Official Language and Communicative Hindi (Compulsory)	3	3
HN 1431	Compl: Course VII	Women's Literature in Hindi (Compulsory)	3	3
HN 1432/ SK 1431.1	Compl: Course VIII	Script Writing and Advertisement	3	3
HN 1141	Core Course I	Hindi Prose	4	6
HN 1241	Core Course II	History of Hindi Literature Upto Ritikal	4	6
HN 1341	Core Course III	History of Hindi Literature	4	6

		Modern Period		
HN 1441	Core Course IV	Hindi Drama & One Act Plays	4	5
HN 1442	Core Course V	Premchand's Fiction	3	4
HN 1541	Core Course VI	Ancient Poetry	4	4
HN 1542	Core Course VII	Modern Poetry	4	4
HN 1543	Core Course VIII	Hindi Fiction from 1980 to 2000	2	3
HN 1544	Core Course IX	Hindi Grammar Theory And Practice	4	4
HN 1545	Core Course X	History of Hindi Language and Linguistics	4	4
HN 1641	Core Course XI	Post Modern Hindi Fiction Since 1980	4	5
HN 1642	Core Course XII	Literary Criticism	4	5
HN 1643	Core Course XIII	Translation Theory & Practice	4	5
HN 1644	Core Course XIV	Film: History And Production	3	4
HN 1645	Project/ Dissertation	Dissertation	4	6
HN 1551	Open Course	Communicative Hindi	2	3
HN 1651	Elective	Journalism And Hindi Journalism in Kerala	2	3

Semester-wise Break-up

SEMESTER – 1

Course Code	Course Type	Course Title	Credit	Lecture Hours/ Week
English EN 1111.1	Language course I		4	5 Week
HN 1111	Language Course- II Common (Addl. Language I- Hindi)	Prose & Grammar	3	4
EN 1123	Foundation Course- I English		2	4
HN 1131	Compl: Course I	Women's Literature in Hindi (Compulsory)	2	3
HN 1132/ SK 1131.1	Compl: Course II	Cultural History of India	2	3
HN 1141	Core Course I	Hindi Prose	4	6
			17-C	25-L.H.

SEMESTER – 2

Course Code	Course Type	Course Title	Credit	Lecture Hours/ Week
EN 1211	Language course - English		4	5
EN 1212	Language course - English		3	4
HN 1211.1	Language Course- Common (Addl. Language II) Hindi	Fiction, Short Stories & Novel	3	4
HN 1231	Compl: Course III	Special Author Kabeer Das (Compulsory)	3	3
HN 1232/ SK 1231.1	Compl: Course IV	Echo Literature	3	3
HN 1241	Core Course II	History of Hindi Literature upto Ritikal	4	6
			20-C	25-L.H.

SEMESTER – 3

Course Code	Course Type	Course Title	Credit	Lecture Hours/ Week
EN 1311	Language course -English		4	5
HN 1311.1	Language Course- Common (Addl. Language III)-Hindi	Poetry & Grammar	4	5
HN 1321	Foundation Course- II	Information and Computer	3	4
HN 1331/ SK 1331.1	Compl: Course V	Comparative Literature with Special Reference to Hindi and Malayalam	3	3
HN 1332	Compl: Course VI	Development of Hindi as Official Language And Communicative Hindi (Compulsory)	3	3
HN 1341	Core Course III	History of Hindi Literature – Modern Period	4	5
			21-C	25-L.H.

SEMESTER – 4

Course Code	Course Type	Course Title	Credit	Lecture Hours/ Week
EN 1411	Language course -English		4	5
HN 1411.1	Language Course-Common (Addl. Language IV)-Hindi	Drama, Translation & Correspondence	4	5
HN 1431	Compl: Course VII	Indian Literature (Compulsory)	3	3
HN 1432/ SK 1431.1	Compl: Course VIII	Script Writing And Advertisement	3	3
HN 1441	Core Course IV	Hindi Drama And One Act Plays	4	5
HN 1442	Core Course V	Premchand'S Fiction	3	4
			21-C	25-L.H.

SEMESTER – 5

Course Code	Course Type	Course Title	Credit	Lecture Hours/ Week
HN 1541	Core Course VI	Ancient Poetry & Epic Poem	4	4
HN 1542	Core Course VII	Modern Poetry	4	4
HN 1543	Core Course VIII	Hindi Fiction upto 1980	2	3
HN 1544	Core Course IX	Hindi Grammar-Theory & Practice	4	4
HN 1545	Core Course X	History of Hindi Language And Linguistics	4	4
HN 1551	Open Course I	Communicative Hindi	2	3
	Project/Dissertation	Dissertation		3
			20-C	25-L.H.

SEMESTER – 6



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Course Code	Course Type	Course Title	Credit	Lecture Hours/ Week
HN 1641	Core Course XI	Post Modern Hindi Fiction from 1980 to 2000	4	5
HN 1642	Core Course XII	Literary Criticism	4	5
HN 1643	Core Course XIII	Translation: Theory & Practice	4	5
HN 1644	Core Course XIV	Film: History & Production	3	4
HN 1645 HN 1651	Project/Dissertation Elective	Dissertation Journalism And Hindi Journalism in Kerala	4 2	3 3
			21-C	25-L.H.

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BA Philosophy

Sem	Course code	Course Title	Inst/ Hrs/ week	Credit	University Exam duration	Evaluation		Total hours	Total credits
I	EN1111	Lang Course I- Eng I	5	4	3hrs	25%	75%	25	17
	1111	Long Course II- Addtl. Lang I	4	5	3hrs	25%	75%		
	1121	Foundation Course I	4	2	3hrs	25%	75%		
	PL1141	Methodology and perspectives of Humanities core course I	3	2	3hrs	25%	75%		
	PL1131 PG1131	Philosophy of Values /principles of political science complementary I	3	2	3hrs	25%	75%		
	PL1132 PG1131	Gandhian Philosophy / Foundations of Abnormal Psychology complementary II							
II	EN1211	Language course III- Eng II	5	4	3hrs	25%	75%	25	20
	EN1212	Language course IV- Eng III	4	3	3hrs	25%	75%		
	1211	Language course V Addl Lang. II	4	3	3hrs	25%	75%		
	PL1241	Philosophical methods Core II	6	4	3hrs	25%	75%		
	PL1241 PS1231	Indian Aesthetics/ Introduction to political Theory Complementary -III	3	3	3hrs	25%	75%		
	PL1232	Comparative religion/ Stress and Anxiety Disorders complementary - IV	3	3	3hrs	25%	75%		
III	EN1311	Language course VI- Eng IV	5	4	3hrs	25%	75%	25	21
	1311	Language course VII Addl. Lang. III	5	4	3hrs	25%	75%		
	PL1321	Informatics and Philosophy Foundation course II	4	3	3hrs	25%	75%		
	PL1341	Traditional Logic Core III	5	4	3hrs	25%	75%		
	PL1331	Western Aesthetics/ Public administration	3	3	3hrs	25%	75%		



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	complementary -V							
PL1332	Eco- Philosophy/ Maladaptive Behaviour Complementary -VI	3	3	3hrs	25%	75%		
EN1411	Language course VIII- Eng V	5	4	3hrs	25%	75%		
1411	Language course IX- Addl. Lang.IV	5	4	3hrs	25%	75%		
PL1441	Induction and Scientific Method core IV	5	4	3hrs	25%	75%		
PL1442	Early Indian Philosophy Core V	4	3	3hrs	25%	75%		
PL1431	Philosophy of Education/ International Politics complementary- VII	3	3	3hrs	25%	75%	25	21
PL1432 PG1431	Modern Indian Thought/ Disorders of Personality and Development complementary - VIII	3	3	3hrs	25%	75%		
PL1541	Ancient &Medieval Western Philosophy core VII	4	4	3hrs	25%	75%		
PL1542	Orthodox Systems of Indian Philosophy core VII	4	4	3hrs	25%	75%		
PL1543	Introduction to Ethics core VIII	3	2	3hrs	25%	75%	25	21
PL1544	Modern Western Philosophy core IX	4	4	3hrs	25%	75%		
PL1551.1 PL1551.1 PL1551.3	Principles of Science and Logical Reasoning/ Philosophy of Art and Beauty/ Peace Studies open course -1	3	2	3hrs	25%	75%		
	Project/ dissertation	3						
PL1641	Fundamentals of Symbolic Logic core XII	5	4	3hrs	25%	75%		
PL1642	Applied Ethics core XII	5	4	3hrs	25%	75%		
PL1643	Recent Trends In Western philosophy core XIII	5	4	3hrs	25%	75%	25	21
PL1644	Modern Political Philosophy core XIII	4	3	3hrs	25%	75%		
PL1661	Philosophy and self- Management open II Elective	3	2	3hrs	25%	75%		
PL1645	Project	3	4			100%		



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UNIVERSITY OF KERALA

Revised Scheme & Syllabus for First Degree Programme in

B A ECONOMICS (CBCS SYSTEM) 2019

Semester I

Credits	Instructional hours	Course Title	Course No	Sem No
4	5	(Language Course I (English I	EN 1111	I
3	4	Language Course II (Addl (Language I	1111	
2	4	Foundation Course I	EN 1121	
4	6	Core I Introductory Micro Economics	EC 1141	
2	3	Complementary I	1131	
2	3	Complementary II	1131	
20	25	Total		

Semester II

Credits	Instructional hours	Course Title	Course No	Sem No
4	5	(Language Course III (English II	EN 1211	II
3	4	(Language Course IV (English III	1212	
3	4	(Language Course V (Addl. Lang II	1211	



4	6	Core II Intermediate Microeconomics	EC1241	
3	3	Complementary III	1231	
3	3	Complementary IV	1231	
20	25	Total		

Semester III

Credits	Instructional hours	Course Title	Course No	Sem No
4	5	(Language Course VI (English IV	EN 1311	III
4	5	(Language Course VII (Addl.Lan III	1311	
3	4	Foundation Course II Informatics for Applied Econometrics	EC1321	
4	5	Core III Introductory Macroeconomics	EC1341	
3	3	Complementary V	1331	
3	3	Complementary VI	1331	
21	25	Total		

Semester IV

Credits	Instructional hours	Course Title	Course No	Sem No
4	5	(Language Course VIII (English V	EN1411	IV
4	5	(Language Course IX (Addl.Lan IV	1411	
4	5	Core IV Mathematical Methods for Economics	EC1441	
3	4	Core V Intermediate Macroeconomics	EC1442	
3	3	Complementary VII	1431	
3	3	Complementary VIII	1431	
21	25	Total		

Semester V

Credits	Instructional hours	Course Title	Course No	Sem No
4	4	Core VI Methodology and Perspectives of Social Science	EC1541	V
4	4	Core VII Statistical Methods for Economics	EC1542	
4	4	Core VIII Readings in Political Economy	EC1543	
2	3	Core IX Economic Growth and Development	EC1544	



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3	4	Core X International Economics	EC1545	
2	3	Open Course I – Introductory Economics	EC1551.1	
2	3	Human Resource Management	EC1551.2	
2	3	Indian Economy Since Liberalisation	EC1551.3	
-	3	Project / Dissertation		
20	25	Total		

Semester VI

Credits	Instructional hours	Course Title	Course No	Sem No
4	5	Core XI Indian Economy	EC1641	VI
4	4	Core XII Banking and Finance	EC1642	
4	5	Core XII Public Economics	EC1643	
3	4	Core XII Environment Economics and Disaster Management	EC1644	
2	4	Elective : Kerala Economy	EC1661.1	
2	4	Mathematical Economics	1661.2	
2	4	Introductory Econometrics	1661.3	
2	4	History of Economic Thought	1661.4	
3	3	Project/Dissertation	EC 1645	
21	25			
120	150	Grand Total		

:Complementary Courses Offered

Complementary I

EC 1131 Foundations of Economic Theory

Complementary III

EC 1231 Money and Banking

Complementary V

EC 1331 Introduction to International trade and Public Economics

Complementary VII

EC 1431 Indian Economy Since Independence

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Revised Scheme & Syllabus - 2017

First Degree Programme in Music

Scheme of the courses

Sem	Course No.	Course title	Inst. Hrs per week	Credit	Total hours	Total credits
I	EN 1111	Language course I (English I)	5	4	25	17
	1111	Language course II (Additional Language I)	4	3		
	1121	Foundation course I (English)	4	2		
	MU 1141	Core course I (Theory I) Introduction to Indian Music	6	4		
	MU 1131	Complementary I (Veena)	3	2		
	SK 1131.3	Complementary course II	3	2		
II	EN 1211	Language course III (English III)	5	4	25	20
	EN1212	Language course IV (English III)	4	3		
	1211	Language course V (Additional Language II)	4	3		
	MU1241	Core course II (Practical I) Abhyasaganam & Sabhaganam	6	4		
	MU1231	Complementary III (Veena)	3	3		
	SK1231.3	Complementary course IV	3	3		
III	EN 1311	Language course VI (English IV)	5	4	25	21
	1311	Language course VII (Additional language III)	5	4		
	MU1321	Foundation course II	4	3		
	MU1341	Core course III (Theory II) Ragam	2	2		
	MU1342	Core course IV (Practical II) Varnams and Kritis I	3	2		
	MU1331	Complementary course V (Veena)	3	3		
	SK1331.3	Complementary course VI	3	3		
IV	EN 1411	Language course VIII (English V)	5	4	25	21
	1411	Language course IX (Additional language IV)	5	4		
	MU1441	Core course V (Theory III) Ragam, Talam and Vaggeyakaras	5	3		




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	MU1442	Core course VI (Practical III) Varnams and Kritis II	4	4		
	MU1431	Complementary course VII (Veena)	3	3		
	SK1431.3	Complementary course VIII	3	3		
V	MU 1541	Core course VII (Theory IV) Composers & Lakshana grandhas	4	3	25	20
	MU1542	Core course VIII (Theory V) Musical forms & Instruments	4	3		
	MU1543	Core course IX (Practical IV) Musical Forms	3	4		
	MU 1544	Core course X (Practical V) Group kritis & Manodharma sangeetam	4	4		
	MU1545	Core course XI (Practical VI) Kritis & Manodharma sangeetam	4	4		
	MU1551	Open course Simple Musical Forms	3	2		
		Record Book	3			
VI	MU1641	Core course XII (Theory VI) Technicalities of music	5	3	25	21
	MU1642	Core course XIII (Theory VII) Different streams of Music	5	4		
	MU 1643	Core course XIV (Practical VII) Musical forms & Manodharma sangeetam	5	4		
	MU 1644	Core course XV (Practical VIII) Musical forms and Manodharma Sangeetam II	4	4		
	MU 1661	Elective (Practical) Compositions of different composers	3	2		
	MU 1645	Concert	3	4		
				Total	150	120

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COURSE STRUCTURE OF FIRST DEGREE PROGRAMME IN PSYCHOLOGY

COURSES	SEMESTER -I		SEMESTER -II		SEMESTER -III		SEMESTER -IV		SEMESTER -V		SEMESTER-VI		TOTAL	
	Hours L P	Credits C	Hours L P	Credits C	Hours L P	Credits C	Hours L P	Credits C	Hours L P	Credits C	Hours L P	Credits C	Hours L P	Credits C
Language English	5 -	4	5 - 4 -	4 3	5 -	4	5 -	4	- -	-	- -	-	24 -	19
Additional Language	4 -	3	4 -	3	5 -	4	5 -	4	- -	-	- -	-	18 -	14
Foundation Courses	4 -	2	- -	-	4 -	3	- -	-	- -	-	- -	-	8 -	5
Core Courses	6 -	4	6 -	4	5 -	4	3 - 6	3 4	4 - 3 - 4 - 4 - 5	4 3 4 4 3	- 6 4 - 4 - 4 - 5 -	4 4 4 4 4	44 20	52
Complementary Courses	I 3	2	3	3	3	3	3	3	-	-	-	-	64	
	II 3	2	3	3	3	3	3	3	-	-	-	-	12	11
Open	-	-	-	3	3	3	-	-	-	-	-	-	12	11
Project	-	-	-	-	-	-	-	-	3 -	2	3	2	6	4
Total	25	17	25	20	25	21	25 (19+6)	21	25 (17+8)	19	25 (19+6)	22	150 (130+20)	120

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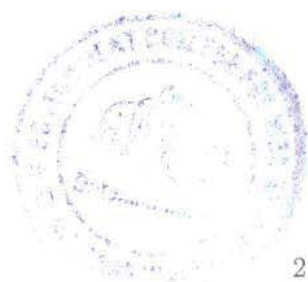
Mathematics

STRUCTURE OF CORE COURSES

Sem	Course Code	Course title	Instr.hrs. per week	Credit
I	MM 1141	Methods of Mathematics	4	4
II	MM 1221	Foundations of Mathematics	4	3
III	MM 1341	Elementary Number Theory and Calculus – I	5	4
IV	MM 1441	Elementary Number Theory and Calculus – II	5	4
V	MM 1541	Real Analysis – I	5	4
	MM 1542	Complex Analysis – I	4	3
	MM 1543	Abstract Algebra – Group Theory	5	4
	MM 1544	Differential Equations	3	3
	MM 1545	Mathematics Software – L ^A T _E X & SageMath (Practical Examination Only)	4	3
	MM 1551	Open Course	3	2
	—	Project preparation - From selecting the topic to presenting the final report	1	
VI	MM 1641	Real Analysis – II	5	4
	MM 1642	Complex Analysis – II	4	3
	MM 1643	Abstract Algebra – Ring Theory	4	3
	MM 1644	Linear Algebra	5	4
	MM 1645	Integral Transforms	4	3
	MM 1651	Elective Course	3	2
	MM 1646	Project		4

STRUCTURE OF OPEN COURSES

Sem	Course Code	Course title	Instr.hrs. per week	Credit
V	MM 1551.1	Operations Research	3	2
V	MM 1551.2	Business Mathematics	3	2
V	MM 1551.3	Basic Mathematics	3	2



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STRUCTURE OF ELECTIVE COURSES

Sem	Course Code	Course title	Instr.hrs. per week	Credit
VI	MM 1661.1	Graph Theory	3	2
VI	MM 1661.2	Linear Programming with SageMath	3	2
VI	MM 1661.3	Numerical Analysis with SageMath	3	2
VI	MM 1661.4	Fuzzy Mathematics	3	2

STRUCTURE OF THE COMPLEMENTARY COURSES

Complementary Course in Mathematics for First Degree Programme in Physics

Course Code	Sem.	Title of Course	Contact hrs/week	No. of Credits
MM 1131.1	1	Calculus with applications in Physics – I	4	3
MM 1231.1	2	Calculus with applications in Physics – II	4	3
MM 1331.1	3	Calculus and Linear Algebra	5	4
MM 1431.1	4	Complex Analysis, Special Functions and Probability Theory	5	4

Complementary Course in Mathematics for First Degree Programme in Chemistry

Course Code	Sem.	Title of Course	Contact hrs/week	No. of Credits
MM 1131.2	1	Calculus with applications in Chemistry – I	4	3
MM 1231.2	2	Calculus with applications in Chemistry – II	4	3
MM 1331.2	3	Linear Algebra, Probability Theory & Numerical Methods	5	4
MM 1431.2	4	Differential Equations, Vector Calculus and Abstract Algebra	5	4

Complementary Course in Mathematics for First Degree Programme in Geology

Course Code	Sem.	Title of Course	Contact hrs/week	No. of Credits
MM 1131.3	1	Algebra, Geometry and Trigonometry	4	3
MM 1231.3	2	Calculus and Linear Algebra	4	3
MM 1331.3	3	Complex Numbers, Algebra and Calculus	5	4
MM 1431.3	4	Basic Statistics and Differential Equations	5	4

Complementary Course in Mathematics for First Degree Programme in Statistics

Course Code	Sem.	Title of Course	Contact hrs/week	No. of Credits
MM 1131.4	1	Basic Calculus for Statistics	4	3
MM 1231.4	2	Advanced Differential and Integral Calculus	4	3
MM 1331.4	3	Fourier Series, Numerical Methods and ODE	5	4
MM 1431.4	4	Linear Algebra	5	4

Complementary Course in Mathematics for First Degree Programme in Economics

Course Code	Sem.	Title of Course	Contact hrs/week	No. of Credits
MM 1131.5	1	Mathematics for Economics I	3	2
MM 1231.5	2	Mathematics for Economics II	3	3
MM 1331.5	3	Mathematics for Economics III	3	3
MM 1431.5	4	Mathematics for Economics IV	3	3



First Degree Programme in Chemistry
Table I : Course structure, Scheme of Instruction and Evaluation

Semester	Course Code	Study component	Instructional hrs/Week		Credit	Duration of Uty. Exam	Evaluation marks		Total Credit
			T	P			CE	ESE	
I	EN1111	English I	5		4	3hrs	20	80	18
	1111	Additional Language I	4		3	3hrs	20	80	
	EN1121	Foundation Course I	4		2	3hrs	20	80	
	MM1131.2	Complementary Course I	4		3	3hrs	20	80	
	PY1131.2	Complementary Course II	2		2	3hrs	20	80	
		Complementary Course Lab of PY1131.2		2	-	-	-	-	
	CH1141	Core Course I	2		4	3hrs	20	80	
		Core Course Lab of CH1141		2	-	-	-	-	
II	EN1211	English II	4		3	3hrs	20	80	18
	EN1212	English III	5		4	3hrs	20	80	
	1211	Additional Language II	4		3	3hrs	20	80	
	CH1221	Foundation Course II	2	2	3	3hrs	20	80	
	MM1231.2	Complementary Course III	4		3	3hrs	20	80	
	PY1231.2	Complementary Course IV	2		2	3hrs	20	80	
		Complementary Course Lab of PY1231.2		2	-	-	-	-	

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First Degree Programme in Chemistry Course structure, Scheme of Instruction and Evaluation

Semester	Course Code	Study component	Instructional hrs/Week		Credit	Duration of Uty. Exam	Evaluation		Total Credit
			T	P			CE	ESE	
III	EN1311	English IV	5		4	3hrs	20	80	18
	1311	Additional Language III	5		4	3hrs	20	80	
	MM1331.2	Complementary Course V	5		4	3hrs	20	80	
	PY1331.2	Complementary Course VI	3		3	3hrs	20	80	
		Complementary Course Lab of PY1331.2		2	-	-	-	-	
	CH1341	Core Course II	3		3	3hrs		80	
		Core Course Lab I of CH1341		2	-	-	-	-	
IV	EN1411	English V	5		4	3hrs	20	80	24
	1411	Additional Language IV	5		4	3hrs	20	80	
	MM1431.2	Complementary Course VII	5		4	3hrs	20	80	
	PY1431.2	Complementary Course VIII	3	2	3	3hrs	20	80	
	PY1432.2	Complementary Course Lab of PY1131.2, PY1231.2, PY1331.2 & PY1431.2			4	3hrs	20	80	
	CH1441	Core Course III	3		3	3hrs	20	80	
	CH1442	Core Course IV- Lab I of CH1141, CH1341 & CH1441		2	2	3hrs	20	80	

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B.Sc. Degree Programme in Chemistry

Table II. Scheme of Instruction of Core Courses, Foundation Course II, Open Course and Elective Course

Course number	Course Code	Course Title	Semester I		Semester II		Semester III		Semester IV		Semester V		Semester VI		Total	
			Hrs		credit		hrs		hrs		hrs		hours		Hrs	credit
			T	P	T	P	T	P	T	P	T	P	T	P		
C.C. I	CH1141	Inorganic Chemistry I	2		4										2	4
F.C. II	CH1221	Methodology and Informatics			2	2	3								4	3
C.C. II	CH1341	Inorganic Chemistry II					3	3							3	3
C.C. III	CH1441	Organic Chemistry I							3	3					3	3
C.C. IV	CH1442	Lab I of CH1141, CH1341, CH1441 (Inorganic Qualitative Analysis)	2				2		2	2					6	2
C.C. V	CH1541	Physical Chemistry I									3	4			3	4
C.C. VI	CH1542	Inorganic Chemistry III									4	4			4	4
C.C. VII	CH1543	Organic Chemistry II									4	4			4	4
C.C. VIII	CH1544	Lab Course II of CH1541, CH1542 & CH1543 (Inorganic volumetric analysis)									5	3			5	3
C.C. IX	CH1545	Lab Course III of CH1541, CH1542 & CH1543 (Physical chemistry experiments)									4	2			4	2
O. C	CH1551	Any One of the Options									3	2			3	2
C.C. X	CH1641	Physical Chemistry II											3	4	3	4
C.C. XI	CH1642	Organic Chemistry III											4	4	4	4
C.C. XII	CH1643	Physical Chemistry III											4	4	4	4
C.C. XIII	CH1644	Lab Course IV (Organic chemistry experiments)											5	3	5	3
C.C. XIV	CH1645	Lab Course V (Gravimetry)											3	2	4	2
E.C.	CH1661	Any one of the options											3	2	3	2
C.C. XV	CH1646	Project									2		3	4	5	4
		Factory Visit														



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Table 1. General Structure of the First Degree Programme in Botany

Sem No.	Course Code	Course Title	Instructional hours/week		Credits	Uty Exam Duration	Evaluation		Total credits
			T	P			Internal	University exam	
I	EN1111	English Language I	5	-	4	3hrs	25%	75%	16
	1111	Additional Language I	4	-	3	"			
	EN1121	Foundation Course I	4	-	2	"			
	BO1141	Core Course I	2	2	3	"			
	CH/BC113	Compl. courseI(CH/BC)	2	2	2	"			
	1	Complementary Course	2	2	2	"			
II	ZO1131	II(ZO)	2	2	2	"	25%	75%	17
	EN1211	English Language II	5	-	4	"			
	EN1212	English Language III	4	-	3	"			
	1211	Additional Language II	4	-	3	"			
	BO1221	Foundation Course II	2	2	3	"			
	CH/BC123	Compl. Course III(CH/BC)	2	2	2	"			
III	1	Complementary Course	2	2	2	"	25%	75%	17
	ZO1231	IV(ZO)	2	2	2	"			
	EN1311	English Language IV	5	-	4	"			
	1311	Additional Language III	5	-	4	"			
	BO1341	Core Course II	3	2	3	"			
	CH/BC133	Compl. Course V(CH/BC)	3	2	3	"			
IV	1	Complementary Course	3	2	3	"	25%	75%	25
	ZO1331	VI(ZO)	3	2	3	"			
	EN1411	English Language V	5	-	4	"			
	1411	Additional Language IV	5	-	4	"			
	BO1441	Core Course III	3	2	3	"			
	CH/BC143	Compl.CourseVII(CH/BC)	3	2	3	"			
V	1	Complementary	3	2	3	"	25%	75%	20
	ZO1431	courseVIII(ZO)	-	(8)*	4	"			
	CH/BC143	Compl IX (Practical CH/BC)	-	(8)*	4	"			
	2	Compl X (Practical ZO)	-	-	-	"			
	ZO1432		-	-	-	"			
			-	-	-	"			
VI	BO1541	Core Course IV	4	3	4	"	25%	75%	25
	BO1542	Core Course V	5	2	4	"			
	BO1543	Core Course VI	4	2	3	"			
	BO1544	Core (Practical-1) VII	-	(4)*	3	"			
	BO1545	Core (Practical-2)VIII	-	(4)*	4	"			
		Open Course I	3	-	2	"			
VII	BO1551.1	Horticulture	-	-	-	"	25%	75%	25
	BO1551.2	Mushroom cultivation & Marketing	-	-	-	"			
	BO1551.3	Forestry Project	-	2	-	"			
			-	-	-	"			
			-	-	-	"			
			-	-	-	"			
VIII	BO1641	Core CourseIX	5	2	4	"	25%	75%	25
	BO1642	Core Course X	4	2	4	"			
	BO1643	Core Course XI	4	2	4	"			
	BO1644	Core (Practical-3)XII	-	(5)*	3	"			
	BO1645	Core (Practical-4)XIII	-	(8)*	4	"			
	BO1651	Elective Course II	3	-	2	"			
IX			-	-	-	"	25%	75%	25
	BO1646	Project	-	3	4	"			
									120

L = Lecture P = Practical (*) Practical hour already distributed in the semester concerned



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Table 2. SEMESTER – I

Sem No.	Course Code	Course Title	Instructional hours/week		Credits	Uty Exam Duration	Evaluation		Total credits
			T	P			Internal	University exam	
I	EN1111	English Language I	5	-	4	3hrs			16
	1111	Additional Language I	4	-	3	"			
	EN1121	Foundation Course I	4	-	2	"			
	BO1141	Core Course I -Angiosperm	2	2	3	"	25%	75%	
		Anatomy Reproductive							
		Botany & Palynology							
	CH/BC11	Compl. course I(CH/BC)	2	2	2	"			
	31	Complementary Course	2	2	2	"			
	ZO1131	II(ZO)							

Table 3. SEMESTER – II

Sem No.	Course Code	Course Title	Instructional hours/week		Credits	Uty Exam Duration	Evaluation		Total credits
			T	P			Internal	University exam	
II	EN1211	English Language II	5	-	4	"			17
	EN1212	English Language III	4	-	3	"			
	1211	Additional Language II	4	-	3	"			
	BO1221	Foundation Course II-	2		3	"	25%	75%	
		Methodology & Perspectives							
		in Plant Science							
	CH/BC1231	Compl. Course III(CH/BC)	2	2	2	"			
	ZO1231	Complementary Course	2	2	2	"			
		IV(ZO)							



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Table 4. SEMESTER – III

Sem No.	Course Code	Course Title	Instructional hours/week		Credits	Uty Exam Duration	Evaluation		Total credits
			T	P			Internal	University exam	
III	EN1311	English Language IV	5	-	4				
	1311	Additional Language III	5	-	4				
	BO1341	Core Course II- Microbiology, Phycology, Mycology, Lichenology & Plant Pathology	3	2	3	"			
	CH/BC1331	Compl. Course V(CH/BC)	3	2	3	"	25%	75%	17
	ZO1331	Complementary Course VI(ZO)	3	2	3	"			

Table 5. SEMESTER –IV

Sem No.	Course Code	Course Title	Instructional hours/week		Credits	Uty Exam Duration	Evaluation		Total credit
			T	P			Internal	University exam	
IV	EN1411	English Language V		--					
	1411	Additional Language IV	5	-	4				
	BO1441	Core Course III- Bryology, Pteridology, Gymnosperms & Paleobotany	5	2	4	"			
			3		3	"			
	CH/BC1431	Compl. Course VII(CH/BC)		2		"			
	ZO1431	Complementary Course VIII(ZO)	3	2	3	"	25%	75%	25
	CH/BC1432	Compl IX (Practical CH/BC)	3	(8)	3	"			
			-	*	4	"			
	ZO1432	Compl X (Practical ZO)	-	(8)	4	"			
				*					



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Table 6. SEMESTER - V

Sem No.	Course Code	Course Title	Instructional hours/week		Credits	Uty Exam Duration	Evaluation		Total credits
			T	P			Internal	University exam	
V	BO1541	Core Course IV - Angiosperm Morphology, Systematic botany, Economic botany, Ethno botany & Pharmacognosy	4	3	4	"	25%	75%	20
	BO1542	Core Course V- Environmental Studies & Phytogeography	5	2	4				
	BO1543	Core Course VI- Cell Biology, Genetics & Evolutionary Biology	4	2	3	"			
	BO1544	Core (Practical-1) VII (BO1141, BO1221)	-	-	3	"			
	BO1545	Core (Practical-2)VIII (BO1341 & BO1441)	-	(4)*	4	"			
	BO1551.1	Open Course I Horticulture	-	(4)*	-	"			
	BO1551.2	Mushroom cultivation & Marketing	3	-	2				
	BO1551.3	Forestry Project	-	2	-				
			-		-				



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Table 7. SEMESTER – VI

Sem No.	Course Code	Course Title	Instructional hours/week		Credits	Uty Exam Duration	Evaluation		Total credits
			T	P			Internal	University exam	
VI	BO1641	Core Course IX Plant physiology & Biochemistry	5	2	4	”	25%	75%	25
	BO1642	Core Course X- Molecular Biology, General informatics and Bioinformatics	4	2	4	”			
	BO1643	Core Course XI- Plant breeding, Horticulture & Research methodology	4	2	4	”			
	BO1644	Core (Practical-3)XII (BO1541 & BO1542)	-	(5)*	3	”			
	BO1645	Core (Practical-4)XIII IV (BO1543, BO1641, BO1642, 1643)	-	(8)*	4	”			
	BO1651	Open Course II- Biotechnology & Nano biotechnology	3	-	2	”			
	BO1646	Project	-	3	4	”			



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Table 8. Distribution of Contact Hours and Credits
(CORE, FOUNDATION & OPEN COURSES, PROJECT/DISSERTATION)

Course Code	Course Title	Semester I		Semester II		Semester III		Semester IV		Semester V		Semester VI		Total	
		Contact hours	credit	Contact hours	credit	Contact hours	credit	Contact hours	credit	Contact hours	credit	Contact hours	credit	Contact hours	Credit
		T	P	T	P	T	P	T	P	T	P	T	P		
BO1141	Angiosperm anatomy Reproductive Botany & Palynology	2	2	3										4	3
BO1221	Methodology & Perspectives in Plant Science			2	2	3								4	3
BO1341	Microbiology, Phycology, Mycology Lichenology & Plant Pathology					3	2	3						5	3
BO1441	Bryology, Pteridology, Gymnosperms & Paleobotany							3	2	3				5	3
BO1541	Angiosperm Morphology Systematic botany, Economic botany Ethno botany & Pharmacognosy									4	3	4		7	4
BO1542	Environmental Studies & Phytogeography									5	2	4		7	4
BO1543	Cell Biology, Genetics & Evolutionary Biology									4	2	3		6	3
BO1544	Practical-I (BO1141, BO1221)	2	*	*	2									4	3
BO1545	Practical-II (BO1341 & BO1441)					*	2	*	2	*				4	4
BO1551.1 BO1551.2 BO1551.3	Horticulture Mushroom cultivation & Marketing Forestry									3				3	2
BO1641	Plant Physiology & Biochemistry											5	2	4	4
BO1642	Molecular Biology, General informatics and Bioinformatics											4	2	4	4
BO1643	Plant breeding, Horticulture & Research methodology											4	2	4	4
BO1644	Practical-III (BO1541 & BO1542)									5*					3
BO1645	Practical-IV (BO1543, BO1641, BO1642, 1643)											8*			4
BO1651	Biotechnology & Nano biotechnology											3		3	2
BO1646	Project report, Tour Diary, Viva-Voce									2		3		5	4
Total															57

L = Lecture P = Practical *Practical hour already distributed in the semester concerned



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FIRST DEGREE PROGRAMME IN ZOOLOGY
Scheme of Instruction and Evaluation

Semester	Course Code	Study Components	Instructional Hrs/week		Credit	Duration of Univ. Exam	Evaluation		Total Credit
			T	P			CE	ESE	
I	EN1111	English I	5		4	3 Hrs	20%	80%	16
	1111	Additional language I	4		3	3 Hrs	20%	80%	
	EN 1121	Foundation course I	4		2	3 Hrs	20%	80%	
	CH1131.4	Complementary course I	2		2	3 Hrs	20%	80%	
		Complementary course I Practical of CH1131.4		2					
	BO1131	Complementary course II	2		2	3 Hrs	20%	80%	
		Complementary course II Practical of BO1131		2					
	ZO1141	Core Course I	3		3	3 Hrs	20%	80%	
		Core Course Practical of ZO1141		1					
II	EN1211	English II	4		3	3 Hrs	20%	80%	17
	EN1212	English III	5		4	3 Hrs	20%	80%	
	1211	Additional language II	4		3	3 Hrs	20%	80%	
	CH1231.4	Complementary course III	2		2	3 Hrs	20%	80%	
		Complementary course III Practical of CH1231.4		2					
	BO1231	Complementary course IV	2		2	3 Hrs	20%	80%	
		Complementary course II Practical of BO1231		2					
	ZO1241	Core Course II	3		3	3 Hrs	20%	80%	
		Core Course Practical of ZO1241		1					
III	EN1311	English IV	5		4	3 Hrs	20%	80%	17
	EN1312	Additional language III	5		4	3 Hrs	20%	80%	
	CH1331	Complementary course V	3		3	3 Hrs	20%	80%	
	CH1331.4	Complementary course V Practical of CH1331.4		2					
	BO1331	Complementary course VI	3		3	3 Hrs	20%	80%	
	BO1332	Complementary course VI Practical of BO1331		2					
	ZO1341	Core Course III	3		3	3 Hrs	20%	80%	
	ZO1341	Core Course Practical of ZO1341		2					
IV	EN1411	English V	5		4	3 Hrs	20%	80%	29
	EN1411	Additional language II	5		4	3 Hrs	20%	80%	
	CH1431.4	Complementary course VII	3		3	3 Hrs	20%	80%	
	CH1432.4	Complementary course Practical of CH1131.4, CH1231.4, CH1331.4, CH1431.4.		2	4	3 Hrs	20%	80%	
	BO1431	Complementary course VIII	3		3	3 Hrs	20%	80%	
	BO1432	Complementary course Practical of BO1131, BO1231, BO1331, BO1431		2	4	3 Hrs	20%	80%	
	ZO1441	Core Course IV	3		3	3 Hrs	20%	80%	
	ZO1442	Core Course V Practical I, of ZO1141, ZO1241, ZO1341		2	4	3 Hrs	20%	80%	



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CONTD/-
Scheme of Instruction and Evaluation

Semester	Course Code	Study Components	Instructional Hrs/week		Credit	Duration of Univ. Exam	Evaluation		Total Credit
			T	P			CE	ESE	
V	ZO1541	Core Course VI	4		4	3 Hrs	20%	80%	14
	ZO1542	Core Course VII	4		4	3 Hrs	20%	80%	
	ZO1543	Core Course VIII	5		4	3 Hrs	20%	80%	
	ZO1551	Open Course I	3		2	3 Hrs	20%	80%	
		Core Course Practical of ZO1441		6					
		Project		2		3 Hrs	20%	80%	
		Field study/ Study tour		1					
						3 Hrs	20%	80%	
VI	ZO1621	Foundation Course II	5		4	3 Hrs	20%	80%	27
	ZO1641	Core Course IX	4		4	3 Hrs	20%	80%	
	ZO1642	Core Course X	4		3	3 Hrs	20%	80%	
	ZO1651	Open Course II	3		2	3 Hrs	20%	80%	
	ZO1643	Core Course XI Practical II of ZO1441, ZO1541, ZO1542		2	4				
	ZO1644	Core Course XII Practical III of ZO1543, ZO1621		2	3	3 Hrs	20%	80%	
	ZO1645	Core Course XIII Practical IV of ZO1641, 1642		2	3				
	ZO1646	Project, Field Study & Study tour		3	4	3 Hrs	20%	80%	

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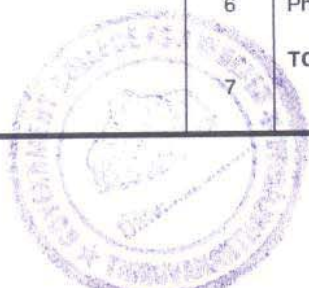



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THIRUVANANTHAPURAM-14

**COURSE STRUCTURE FOR
FIRST LEVEL DEGREE PROGRAMME IN HOME SCIENCE
FROM 2013 ADMISSION ONWARDS**

Semester	Course Code	Sl.No	Course Title	Theory	Practical	Credit	Uty Exam Hrs	evaluation	
								CE	ESE
I	EN1111	1	English	5	-	4	3	25%	75%
	HN / ML 1111	2	Additional Language	4	-	3	3		
	EN1121	3	Foundation – I	4	-	2	3		
	PY1131.5//ZO1131/(T&P)	4	Complementary – I –	2	2	2	3		
	BO1131//CH1131.5 /(T&P)	5	Complementary –II-	2	2	2	3		
	HS1141	6	Core- Methodology and Perspective of Science	4	-	4	3		
			TOTAL CREDITS			17			

II	EN1211	1	English	5	-	4	3	25%	75%
	EN1212	2	English	4	-	3	3		
	HN / ML 1211	3	Additional Language	4	-	3	3		
	HS1221	4	Foundation – II - Informatics (Core)	4	-	3	3		
	PY1231.5//ZO1231 /(T&P)	5	Complementary – I	2	2	2	3		
	BO1231/ CH1231.5 /(T&P)	6	Complementary –II-	2		2	3		
			TOTAL CREDITS			17			
III	EN1311	1	English	5	-	4	3	25%	75%
	HN / ML 1311	2	Additional Language	5	-	4	3		
	PY1132.5//ZO1331/(T&P)	3	Complementary – I	3	2	3	3		
		4	Complementary –II	3	2	3	3		
	BO1231/ CH1231.5 /(T&P)	5	Core -Child Development & Welfare	5	2	4	3		
	HS1341		TOTAL CREDITS			18			
IV	EN1411	1	English	5	-	4	3	25%	75%
	HN / ML 1411	2	Additional Language	5	-	4	3		
	PY1431.5/ ZO1431	3	Complementary – I	3	2	3+4	3		
	CH1431.5/ BO1431	4	Complementary –II	3	2	3+4	3		
	HS1441	5	Core –Resource management	3	-	3	3		
	HS1442	6	Core – Human Physiology	2	-	2	3		
			TOTAL CREDITS			27			



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HS 1651	5	Apparel Designing (Prac)	-	3	2	3		
	6	Communication in Extension Education (Prac) Project	-	3	2	3		
	7		-	4	4	4		
		Open Course For Core-Microbiology	3	-	2	3		
		TOTAL CREDITS			23			
GRAND TOTAL			117	33	120			

***Complementary Courses are grouped under Two Heads:**

Group - I Includes Physics and Zoology (Complementary I)

Group II- Includes chemistry and Botany (Complementary II)



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THIRUVANANTHAPURAM-14

**COURSE STRUCTURE FOR
FIRST LEVEL DEGREE PROGRAMME IN HOME SCIENCE**

2018 ADMISSION ONWARDS

Semester	Course Code	Sl.No	Course Title	Theory	Practical	Credit	Uty Exam Hrs	evaluation	
								CE	ESE
I	EN1111	1	English	5	-	4	3	20%	80%
	HN / ML 1111	2	Additional Language	4	-	3	3		
	EN1121	3	Foundation – I	4	-	2	3		
	PY1131.5//ZO1131/(T&P)	4	Complementary – I –	2	2	2	3		
	BO1131//CH1131.5/(T&P)	5	Complementary –II-	2	2	2	3		
	HS1141	6	Core- Research Methodology and Informatics	4	-	4	3		
		6	TOTAL CREDITS	21	4	17			

II	EN1211	1	English	4	-	3	3	20%	80%
	EN1212	2	English	5	-	4	3		
	HN / ML 1211	3	Additional Language	4	-	3	3		
	HS1221	4	Foundation – II – Family Relations and Counseling (Core)	4	-	4	3		
	PY1231.5//ZO1231/(T&P)	5	Complementary – I	2	2	2	3		
	BO1231/ CH1231.5/(T&P)	6	Complementary – II-	2	2	2	3		
			TOTAL CREDITS	21	4	18			
	EN1311	1	English	5	-	4	3	20%	80%
	HN / ML 1311	2	Additional Language	5	-	4	3		
	PY1132.5//ZO1331/(T &P)	3	Complementary – I	3	2	3	3		
	BO1231/ CH1231.5/(T&P)	4	Complementary – II	3	2	3	3		



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III									
	HS1341	5	Core -- Child Development & Welfare	3		3	3		
	HS1342		Core -- Child Development & Welfare (P)		2				
			TOTAL CREDITS	19	6	17			
IV	EN1411	1	English	5	-	4	3	20%	80%
	HN / ML 1411	2	Additional Language	5	-	4	3		
	PY1431.5/ ZO1431	3	Complementary – I	3	2	3+4	3		
	CH1431.5/ BO1431	4	Complementary – II	3	2	3+4	3		
	HS1441	5	Core- Resource management	3		3	3		
	HS1442		Core- Resource management(P)		2				
			TOTAL CREDITS	19	6	25			

V	HS1541	1	Housing and Interior Decoration	3		3	3		
	HS1542(P)	2	Housing and Interior Decoration (practical exam 6 th Sem.)		- 3	2+2	3		
	HS 1543	3	Extension Education	3		3	3		
	HS 1544	4	Textile Science	2	-	3	3		
	HS1545(P)	5	Textile Science (Practicals exam 6 th sem)		3	2	3		
	HS 1546	6	Basic Food Science	3	-	3	3		



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	HS1547P)	7	Basic Food Science (Practicals exam 6 th sem)		3	2+2		20%	80%
	HS1648	8	Project		2				
	HS 1551	9	Open Course to Other Streams-	3	-	2	3		
	HS 1551.1		Fashion designing						
	HS 1551.2		Geriatric care						
	HS 1551.3		Principles and practice of counselling and Guidance						
	HS 1551.4		Food science and basic cookery						
	HS 1551.5		Public Health and nutrition						
	HS 1551.6		Entrepreneurship management in food processing						
	HS 1551.7		Catering Management						
	HS 1551.8		Nutrition for health						
	HS 1551.9		Personality and soft skill development						
			TOTAL CREDITS	14	11	24			
VI	HS 1641	1	Human Nutrition and Dietetics	3	-	3	3	20%	80%
	HS 1642	2	Apparel Designing	3		3	3		
	HS 1643	3	Communication in Extension Education	3	-	3	3		
	HS 1644 (P)	4	human nutrition and Dietetics (Practical)		4	2	3		
	HS 1645(P)	5	Apparel Designing (Prac)	-	4	2	3		



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HS 1646 (P)	6	Communication in Extension Education (Prac)		3	2	3	100%
HS 1648	7	Project	-	2	2		
HS 1661 .1	8	Open Course For Core- Human Physiology and Food Microbiology	3		2	3	
		TOTAL CREDITS	12	13	19		
GRAND TOTAL			106	44	120		

*Complementary Courses are grouped under Two Heads:

Group - I Includes Physics and Zoology (Complementary I)

Group II- Includes chemistry and Botany (Complementary II)

*True copy of BSc Home Science
Syllabus*



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BSc Industrial Microbiology

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Paper	Lecture hours	Practical hours	credits	Total credits
Semester I				
English-I	5	-	3	16
Additional language-I	5	-	3	
IM 1121:Foundation course-I(Core) (Fundamentals of Biochemistry)	3	2	3	
IM 1171-Vocational Course-I (Fundamentals of Microbiology)	3	2	4	
CH 1131.7Complementary course-I (Basic theoretical and analytical chemistry)	3	2	3	
Semester II				20
English-II	5	-	3	
Additional language-I	5	-	3	
IM 1241:Core course I (Environmental Studies)	3		4	
IM 1242: Core course II- Practicals (Qualitative analysis of aminoacids)		2	2	
IM 1221-Foundation Course-II (Microbial Taxonomy and Physiology)(Vocational)	3	-	2	
IM1271-Vocational Course-II (practicals)	-	2	3	
CH1231.7Complementary course-II(Physical chemistry)	3	2	3	
Semester III				16
English-III	5	-	3	
IM1341:Core course-II(Methods in Biochemistry)	3	3	4	
IM1371:Vocational course-III (Cell Biology)	4	-	3	
IM1372-Vocational Course-IV (Microbial genetics and biotechnology)	3	2	3	
CH1331.7Complementary course-III(Bio-organic chemistry)	3	2	3	
Semester IV				
English-IV	5	-	3	24
IM1441:Core course-III (Physiological aspects of Biochemistry)	3	-	3	
IM1442:Core course-IV (Qualitative analysis of carbohydrates)	-	3	3	
IM1471-Vocational Course-V(Environmental Microbiology)	3	-	3	
IM 1472 –Vocational course-VI(Food Microbiology)	3	-	2	
IM 1473 –Vocational course-VII (practicals)	-	3	3	
CH1431.7Complementary course-IV (Bio-inorganic and Electro chemistry)	3	-	3	
CH1432.7Complementary course-V(chemistry Lab)	-	2	3	

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Paper	Lecture hours	Practical hours	credits	Total credits
<i>Semester V</i>				
IM1541:Core course-VI(Metabolism-I)	2	-	3	18
IM1542:Core course-VII(Metabolism-II)	2	-	3	
IM1543:Core course-VIII (Quantitative analysis of biomolecules)	-	6	3	
IM1571-Vocational Course-VIII (Fermentation Technology)	4	-	3	
IM 1572 Vocational course-IX(Microbiology practicals)	-	6	4	
IM 1551.1 / 1551.2 Open course(Core) Clinical approach to life /Lifestyle diseases	3	-	2	
Project(Core/Vocational)		2 hrs 1hr- Core (Biochemistry) 1hr- Vocational (microbiology)	-	
<i>Semester VI</i>				
IM1641:Core course-IX(Clinical Biochemistry)	3	-	3	26
IM1642:Core course-X(Molecular Biology)	3	-	4	
IM1643:Core course-XI(urine analysis& Hematology)	-	4	3	
IM1644-Core Course-XII(Serum estimation)	-	4	3	
IM 1671 Vocational course-X(medical Microbiology)	3	-	3	
IM 1672 Vocational course-XI(Microbiology practicals)	-	6	4	
IM1661 Elective course(Vocational)Immunology	2	-	2	
IM1645 Project			4	

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Summary of courses and credits of various study components included in the Programme

Study components	Number of courses	Total credits		Total
Language courses				120
1. English	4	12	18	
2. Additional Language	2	6		
Foundation courses	2	5		
Core courses	12	38		
Vocational courses	11	35		
Complementary courses	5	16		
Open courses	1	2		
Elective courses	1	2		
Project	1	4		

Accumulated Total Minimum Credits required for Programmes of study = 120 Credits. Minimum Credits for Social Services/Extension Activity = 1 Credit Minimum Duration = 6 Semesters

Scheme of Examination, Evaluation:

- ☐ Each theory examinations are of 3 hours (for core, elective and open).
- ☐ Practical examination is of six hours duration.
- ☐ Evaluation and grading are in accordance with the general guidelines given by the university.
- ☐ Evaluation of each course shall be done in percentage score and shall involve Continuous Evaluation (CE) and End Semester Evaluation.
- ☐ The CE and ESE ratio shall be 1:4 for both courses with or without practical.
- ☐ There shall be a maximum of 80 marks for ESE and maximum of 20 marks for CE.

1. Attendance (Max. marks 5)

The allotment of marks for attendance shall be as follows:

Attendance less than 75 %	1 Mark
75 % & less than 80%	2 Marks
80% & less than 85%	3 Marks
85% & less than 90%	4 Marks
90% & above	5 Marks

2. Assignments or Seminars: (Max. Marks 5)

Each student shall be required to do one assignment or one seminar for each Course. Valued assignments shall be returned to the students. The seminars shall be organized by the teacher/teachers in charge of CE and the same shall be assessed by a group of teachers including the teacher/teachers in charge of that Course. Assignments/Seminar shall be graded on the basis of their quality. The teacher shall define the expected quality of an assignment in terms of structure, content, presentation etc. and inform the same to the students. Due weight shall be given for punctuality in submission. Seminar shall be similarly evaluated in terms of structure, content, presentation, interaction etc.

STATISTICS

Course Structure: Core Courses

Sem	Course title	Instruction hour per week	Credit	Total hours/Semester	Evaluation	
					Internal	External
I	ST:1141 Statistical Methods I	2 2	4	72	20%	80%
II	ST:1241 Statistical Methods II (Foundation course 2)	2 2	3	72	20%	80%
III	ST:1341 Probability and Distribution-I	3 2	3	90	20%	80%
IV	ST:1441 Probability and Distribution-II ST:1442 Practical I	3 2	3 3	54 36	20%	80%
V	ST:1541 Limit Theorems and Sampling Distributions ST:1542 Estimation ST:1543 Testing of Hypothesis ST:1544 Sample Survey Methods ST:1551 Open Course 1 Project	5 3 2 3 2 3 2 3 2	4 3 3 4 2	90 90 90 54 36	20%	80%
VI	ST:1641 Design of Experiments and Vital Statistics ST:1642 Applied Statistics ST:1643 Operation Research and Statistical Quality Control ST:1644 Practical II ST:1645 Practical III ST:1646 Project ST:1651 Open Course 2 ST:1661 Elective	4 3 4 2 4 2 3 3	4 4 4 4 4 2	126 108 108 54 54	20%	80%



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Course Structure for Practical and Project for the Core Course

Sem	Title of the Paper	Duration of Exam	No. of credits	Evaluation weightage		Allotted hours	
				I.A	E.A	Per week	Per year
IV	ST:1442 Practical I	2 hrs	3	1	3	S ₃ -2 S ₄ -2	72
VI	ST:1644 Practical II	2hrs	4	1	3	S ₅ -6 S ₆ -6	216
	ST:1645 Practical III	2 hrs	3	1	3		
	ST:1646 Project		3	1	3		



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General Structure for the First Degree Programme in Commerce

Sem. No.	Courses	Instruction Hours per Week	Credits	Uty. Exam Duration (Hours)	Evaluation		Total Credits
					Internal	Uty Exam	
I	Language Course I (English I)	5	4	3	20%	80%	4
	Language Course II (Addl. Language I)	4	4	3	20%	80%	4
	Foundation Course I	4	2	3	20%	80%	2
	Core Course I	4	3	3	20%	80%	4
	Core Course II	4	3	3	20%	80%	2
	Complementary Course I	4	3	3	20%	80%	3
II	Language Course III (English II)	5	4	3	20%	80%	4
	Language Course IV (Addl. Language II)	4	4	3	20%	80%	4
	Foundation Course II	4	3	3	20%	80%	3
	Core Course III	4	3	3	20%	80%	3
	Core Course IV	4	3	3	20%	80%	3
	Complementary Course II	4	3	3	20%	80%	3
III	Language Course V (English III)	3	3	3	20%	80%	3
	Core Course V	4	3	3	20%	80%	3
	Core Course VI	4	3	3	20%	80%	3
	Core Course VII	5	4	3	20%	80%	4
	Complementary Course III	4	3	3	20%	80%	3
	Elective Course I	5	4	3	20%	80%	4
IV	Language Course VI (English IV)	3	3	3	20%	80%	3
	Core Course VIII	4	3	3	20%	80%	3
	Core Course IX	4	4	3	20%	80%	4
	Core Course X	5	4	3	20%	80%	4
	Complementary Course IV	4	3	3	20%	80%	3
	Elective Course II	5	4	3	20%	80%	4
V	Core Course XI	4	4	3	20%	80%	4
	Core Course XII	5	4	3	20%	80%	4
	Core Course XIII	5	4	3	20%	80%	4
	Open Course I	3	2	3	20%	80%	2
	Elective Course III	5	4	3	20%	80%	4
	Project	3	-	-	-	-	-
VI	Core Course XIV	4	4	3	20%	80%	4
	Core Course XV	5	4	3	20%	80%	4
	Core Course XVI	5	4	3	20%	80%	4
	Open Course II	3	2	3	20%	80%	2
	Elective Course IV	5	4	3	20%	80%	4
	Project	3	4	-	-	-	4



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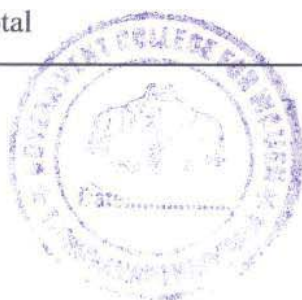
PROGRAMME STRUCTURE

SEMESTER – I

Courses	Course Code	Course Title	Instructional Hours per week	End Semester Exam. Hours	Credits
Language Course I	EN 1111	English I	5	3	4
Language Course II	1111	Additional Language I	4	3	4
Foundation Course I	CO 1121	Methodology and Perspectives of Business Education	4	3	2
Core Course I	CO 1141	Environmental Studies	4	3	4
Core Course II	CO 1142	Functional Application of Management	4	3	2
Complementary Course I	CO 1131	Managerial Economics	4	3	3
Total			25		19

SEMESTER – II

Courses	Course Code	Course Title	Instructional Hours per week	End Semester Exam. Hours	Credits
Language Course III	EN 1211	English II	5	3	4
Language Course IV	1211	Additional Language II	4	3	4
Foundation Course II	CO 1221	Informatics and Cyber Laws	4	3	3
Core Course III	CO 1241	Business Communication And Office Management	4	3	3
Core Course IV	CO 1242	Financial Accounting	4	3	3
Complementary Course II	CO 1231	Business Regulatory Framework	4	3	3
Total			25		20



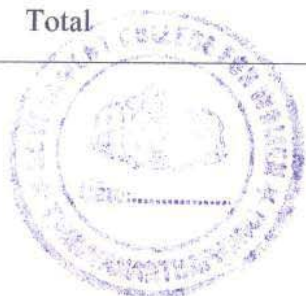

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SEMESTER – III

Courses	Course Code	Course Title	Instructional Hours per week	End Semester Exam. Hours	Credits
Language Course V	EN 1311	English III	3	3	3
Core Course V	CO 1341	Entrepreneurship Development	4	3	3
Core Course VI	CO 1342	Company Administration	4	3	3
Core Course VII	CO 1343	Advanced Financial Accounting	5	3	4
Complementary Course III	CO 1331	Information Technology in Business	4	3	3
Elective Course I	CO 1361	Course from Elective Stream 1/2/3/4/5	5	3	4
Total			25		20

SEMESTER - IV

Courses	Course Code	Course Title	Instructional Hours per week	End Semester Exam. Hours	Credits
Language Course VI	EN 1411	English IV	3	3	3
Core Course VIII	CO 1441	Capital Market	4	3	3
Core Course IX	CO 1442	Banking Theory and Practice	4	3	4
Core Course X	CO 1443	Corporate Accounting	5	3	4
Complementary Course IV	CO 1431	Business Statistics	4	3	3
Elective Course II	CO 1461	Course from Elective Stream 1/2/3/4/5	5	3	4
Total			25		21



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SEMESTER –V

Courses	Course Code	Course Title	Instructional Hours per week	End Semester Exam. Hours	Credits
Core Course XI	CO 1541	Fundamentals of Income Tax	4	3	4
Core Course XII	CO 1542	Cost Accounting	5	3	4
Core Course XIII	CO 1543	Accounting for Specialized Institutions	5	3	4
Open Course I	CO 1551	Open Course – 1/2/3	3	3	2
Elective Course III	CO 1561	Course from Elective Stream 1/2/3/4/5	5	3	4
Project		Project	3	-	-
Total			25		18

SEMESTER –VI

Courses	Course Code	Course Title	Instructional Hours per week	End Semester Exam. Hours	Credits
Core Course XIV	CO 1641	Auditing	4	3	4
Core Course XV	CO 1642	Applied Costing	5	3	4
Core Course XVI	CO 1643	Management Accounting	5	3	4
Open Course II	CO 1651	Open Course – 1/2/3	3	3	2
Elective Course IV	CO 1661	Course from Elective Stream 1/2/3/4/5	5	3	4
Project	CO 1644	Project	3	-	4
Total			25	-	22
Grand Total (SI+SII+SIII+SIV+SV+SVI)			-	-	120



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I. General Structure for the First Degree Programme in Physics

Sem. No.	Course title	Instructional hours/week		Credit	Uty.Exam duration	Evaluation		Total credit
		L	P			Internal	Uty. exam	
I	EN1111 English Lang I	5		4	3 hours			
	1111 Addl Lang I	4		3	"			
	EN1121 Foun Course I	4		2	"	25%	75%	16
	PY1141 Core Course I	2		2	"			
	Core pract. I	-	2	-	-			
	MM1131.1 Compl. Course I	4		3	3 hours			
	Compl. Course II (CH1131.1/ST1131.2/EL1131)	2	2	2	"			
II	EN1211 Eng Lang. II	5		4	3 hours			
	EN1212 Eng Lang. III	4		3	"			
	1211 Addl Lang. II	4		3	"	25%	75%	17
	PY1221 Foun Course II	2	2	2	"			
	MM1231.1 Compl. Course III	4	-	3	"			
	Compl. Course IV	2	2	2	"			
	(CH1231.1/ST1231.2/EL1231)							
III	EN1311 Eng Lang. IV	5		4	3 hours			
	1311 Addl Lang. III	5		4	"			
	PY1341 Core Course II	3	-	3	"	25%	75%	18
	Core Pract I	-	2	-	-			
	MM1331.1 Compl. Course V	5	-	4	3 hours			
	Compl. Course VI	3	2	3	"			
	(CH1331.1/ST1331.2/EL1331)							

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IV	EN1411 Eng Lang. V	5		4	3 hours			
	1411 Addl Lang. IV	5		4	"			
	PY1441 Core Course III	3		3	"	25%	75%	25
	PY1442 Core (Pract I) IV	-	2	3	"			
	MM1431.1 Compl. Course VII	5	-	4	3 hours			
	Compl. Course VIII (CH1431.1/ST1431.2/EL1431)	3	-	3	"			
	Compl. (Practical) IX (CH1432.1/ST1432.2/EL1432)	-	2	4	"			
V	PY1541 Core Course V	4	-	4	3 hours			
	PY1542 Core Course VI	4	-	4	"			
	PY1543 Core Course VII	4	-	4	"	25%	75%	18
	PY1544 Core Course VIII	4	-	4	"			
	Core (Practical II)	-	4	-	-			
	Open Course	3	-	2	3 hours			
	(PY1551.1/PY1551.2/ PY1551.3/PY1551.4/ PY1551.5) Project	-	2	-	-			
VI	PY1641 Core Course IX	4	-	4	3 hours			
	PY1642 Core Course X	4	-	4	"			
	PY1643 Core Course XI	4	-	4	"	25%	75%	26
	PY1644 Core Course XII	4	-	3	"			
	PY1645 Core (Pract II) XIII	-	2	2	"			
	PY1646 Core (Pract III) XIV	-	2	3	"			
	Elective Course	3	-	2	"			
	(PY1661.1/PY1661.2/ PY1661.3/PY1661.4/ PY1661.5) PY1647 Project	-	2	4	-			

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BA History

	COURSE NO	COURSE TITLES	INSTR: HRS	NO CR
I	EN 1111	Language Course I (English-1)	5	4
	M/H 1111	Language Course II (Addl. Language)	4	3
	EN 1121	Foundation Course I	4	2
	HY 1141	Core I-Methodology and Perspectives of Social Sciences	6	4
	HY 1131.1 (EC/TH/SG)	Complementary I-History of Modern India (1857-1900), For Economics, Islamic History and Sociology	3	2
	HY 1131.2 (EN/PL)	Complementary II- History of Modern World, (1789-1900), For English & Political Science	3	2
		Total	25	17
II	EN 1211	Language Course III (English II)	5	4
	EN1212	Language Course IV (English III)	4	3
	M/H 1211	Language Course V (Addl. Language II)	4	3
	HY 1241	Core II-Cultural Formation of the Pre-Modern World	6	4
	HY 1231.1 (EC/TH/SG)	Complementary III- History of Modern India (1901-1920), For Economics, Islamic History and Sociology	3	3
	HY 1231.2 (EN/PL)	Complementary IV- History of Modern World, (1901-1920),for English & Political Science	3	3
		Total	25	20
III	EN 1311	Language Course VI (English)	5	4
	M/H 1311	Language Course VII (Addl. Language III)	5	4
	HY 1321	Foundation Course II- Informatics	4	3
	HY 1341	Core III-Evolution of the early Indian society & Culture	5	4
	HY 1331.1 (EC/TH/SG)	Complementary V-History of Modern India (1921-1947), For Economics, Islamic History and Sociology	3	3
	HY 1331.2 (EN/PL)	Complementary VI- History of Modern World, (1921-1945),For English & Political Science	3	3
		Total	25	21
IV	EN 1411	Language Course VIII (English V)	5	4
	M/H 1411	Language Course IX (Addl. Language IV)	5	4
	HY1441	Core IV- Medieval-India: Socio-Cultural Processes.	5	4
	HY1442		4	3
	HY 1431.1 (EC/TH/SG)	Core V-History Modern World – Part 1		
		Complementary VII-History of Modern India (after 1947), For Economics, Islamic History and Sociology	3	3



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V	HY1541	Core VI-Major trends in Historical thoughts and writings	4	4
	HY1542		4	4
	HY1543	Core VII-Colonialism and Resistance movements in India	3	2
	HY1544	CoreVIII-History of Modern World – Part II	4	4
	HY1545	Core IX-History of Pre- Modern Kerala	3	2
		Core X-Making of Indian Nation		
	HY 1551.1	Open Courses-		
	HY 1551.2	Empowerment of Women with special reference to India	3	2
	HY1551.3	An Introduction to Archaeology		
		History of Human Rights Movement.	3	0
		Project/Dissertation		
		Historical Method-Mechanics Project Writing		
		Study Tour		
		Total	25	20
VI	HY1641	Core XI - Making of Modern Kerala	5	4
	HY 1642	Core XII - Major trends in Indian Historical thought & writings	5	4
	HY1643	Core XIII - Contemporary India	5	4
	HY1644	Core XIV - Twentieth Century Revolutions	4	3
		Electives		
	HY1661.1	Historical Tourism	3	2
	HY1661.2	Heritage Studies		
	HY 1661.3	Contemporary World		
	HY1661.4	Empowerment of Women with special reference to India		
	HY1661.5	An Introduction to Archaeology		
	HY1661.6	History of Human Rights Movement.		
	HY1661.7	Environmental History of Modern India		
	HY1645	Project/Dissertation	3	4
		Total	25	21
		Grand Total	150	120



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Course Structure: Core Courses

Sem	Course title	Instruction hour per week	Credit	Total hours/Semester	Evaluation	
					Internal	External
I	ST:1141 Statistical Methods I	2 2	4	72	20%	80%
II	ST:1241 Statistical Methods II(Foundation course2)	2 2	3	72	20%	80%
III	ST:1341 Probability and Distribution-I	3 2	3	90	20%	80%
IV	ST:1441 Probability and Distribution-II ST:1442 Practical I	3 2	3 3	54 36	20%	80%
V	ST:1541 Limit Theorems and Sampling Distributions ST:1542 Estimation ST:1543 Testing of Hypothesis ST:1544 Sample Survey Methods ST:1551 Open Course 1 Project	5 3 2 3 2 3 2 3 2	4 3 3 4 2	90 90 90 54 36	20%	80%
VI	ST:1641 Design of Experiments and Vital Statistics ST:1642 Applied Statistics ST:1643 Operation Research and Statistical Quality Control ST:1644 Practical II ST:1645 Practical III ST:1646 Project ST:1651 Open Course 2 ST:1661 Elective	4 3 4 2 4 2 3 3	4 4 4 4 4 3 4 2	126 108 108 54 54	20%	80%

Course Structure for Practical and Project for the Core Course

Sem	Title of the Paper	Duration of Exam	No. of credits	Evaluation weightage		Allotted hours	
				I.A	E.A	Per week	Per year
IV	ST:1442 Practical I	2 hrs	3	1	3	S ₃ -2 S ₄ -2	72
VI	ST:1644 Practical II	2hrs	4	1	3	S ₅ -6 S ₆ -6	216
	ST:1645Practical III	2 hrs	3	1	3		
	ST:1646 Project		3	1	3		

UNIVERSITY OF KERALA
(Abstract)

Amendments in the Regulations for the First Degree Programmes under Choice Based Credit and Semester System (CBCS) in the Colleges affiliated to the University of Kerala and Centres of the University - Approved – Orders issued.

ACADEMIC 'A.II' SECTION

No.Ac.A.II/UG Sem./2010

Dated, Thiruvananthapuram, 30-10-2010.

- Read:- 1. U.O. No.Ac.A.II/1/UG.Sem./2010 dtd.05-04-2010.
2. Minutes of the Meeting of the ULMC held on 08-10-2010.

ORDER

The Vice-Chancellor has approved subject to ratification by the Academic Council, the amendments to the Regulations for the First Degree Programme under CBCS System, as recommended by the meeting of the University Level Monitoring Committee read as (2) above.

Hence the Regulations for the First Degree Programmes under Choice Based Credit and Semester System issued as per U.O. read as (1) above stands amended.

A copy of the amended Regulations appended.

Orders are issued accordingly.

Sd/-
REGISTRAR

To

- 1) The Principals of all affiliated Colleges and Centres of the University
- 2) The Deans of the Faculties of Science/Arts/Social Sciences/Oriental Studies/Commerce/Fine Arts/Applied Sciences/Management Studies.
- 3) The Chairmen of all Pass Boards of Studies of the Faculties concerned.
- 4) The PS to VC/PVC
- 5) The PA to Registrar/CE/DCDC/FO
- 6) The Director, Computer Centre/IDE
- 7) The Ac.B/Ac.BI Sections and Ac.L Section for necessary action.
- 8) All Joint Registrars/Deputy Registrars/Assistant Registrars
- 9) All Tabulation Sections (UG Courses)
- 10) Ac.A.III/Ac.A.IV/Ac.C/Ac.D/Ad.Misc Section.
- 11) The PRO/RO/Enquiry
- 12) Members of the ULMC
- 13) Stock file / File copy.

Forwarded / By Order

Sd/-
Section Officer

Appendix



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**Regulations for the First Degree Programmes in
Affiliated Colleges, 2009**

1. Title

These Regulations shall be called ‘The University of Kerala Regulations for the First Degree Programmes under the Choice Based Credit and Semester System (CBCS) in Affiliated Colleges’, 2009.

2. Scope, Application and Commencement

- 2.1 The Regulations provided herein shall apply to all regular First Degree (Under Graduate) Programmes under the Faculties of Science, Applied Science, Arts, Social Sciences, Fine Arts, Oriental Studies, Management Studies and Commerce except BFA, BPA, BPE conducted in Colleges Affiliated to the University of Kerala *and* Centres of the University. These Regulations shall also apply to the vocational, triple main and restructured Degree Programmes. These Regulations shall not apply to the Courses offered by the Institute of Distance Education and the Private Registration stream.
- 2.1.1. Hereinafter, the Vocational and Triple Main and Restructured Courses be renamed as Career Related First Degree Programme.
- 2.2 These Regulations shall apply to First Degree Academic Programmes to which admissions are made from the academic year 2010-2011 onwards.
- 2.3 These Regulations supersede the provisions of all the existing Regulations for the regular under Graduate Programme conducted in Colleges Affiliated to the University of Kerala *and* Centres of the University w.e.f. 2010-2011 admissions unless otherwise specified.

3. Definitions

- 3.1 ‘Academic Programme’ means the entire Course of study as per the given Scheme and Examinations.
- 3.2 ‘Semester’ means a term consisting of a minimum of 90 working days distributed over a minimum period of 18 weeks.
- 3.3 ‘Course’ means a portion of a subject to be taught and evaluated in a Semester (similar to a paper under traditional scheme).
- 3.4 ‘Language Courses’ are Courses in English and an Additional Language of student’s Choice, for which all the students who join for First Degree Programme have to register.
- 3.5 ‘Foundation Course’ means a Course at the foundation level that all students of the First Degree Programme (FDP) have to register.
- 3.6 ‘Core Course’ means a compulsory Course in a Major subject related to the First Degree Programme (FDP) in a discipline.
- 3.7 ‘Complementary Course’ means a Course in a subject other than the Major subject and is complementary to it.
- 3.8 ‘Open Course’ means an optional Course which the student is free to take at his/her will. Open Course can be an Elective Course in the Major subject or can be a non Major Elective Course outside the mainstream of study as well.
- 3.8.1 ‘Vocational Course’ is a Compulsory course in a Major subject of Schedule 2 (a).
- 3.9 ‘Audit Course’ means a Course which the student can register without earning Credits (zero Credit Courses) and are not compulsory for completing the Degree Programme.
- 3.9.1 “Elective Course” means a specialized Course from the frontier area of the core subject, which he/she is free to choose.
- 3.10 ‘Repeat Course’ is a Course that a student repeats if he/she has failed in it.
- 3.11 ‘Credit’ (C) of a Course is a measure of the weekly unit of work involving lecture or laboratory session or seminar or similar activity assigned to/for the Course.
- 3.12 ‘Grade’ indicates the level of performance of a student in a Course.

- 3.13 'Grade Point' is an integer indicating the numerical equivalent of the broad level of performance of a student in a Course. The product of grade point average and the Credit of a Course is called 'Credit Point'.
- 3.13.1 Weight is a numerical measure quantifying the comparative range of an answer or the comparative importance assigned to different components like theory and practical, internal and external examinations, core and complementary subjects.
- 3.13.2 'Weighted Grade Point' is the sum of grade points multiplied by weight.
- 3.13.3 'Grade Point Average' (GPA) is an index of the performance of a student in a course. It is obtained by dividing the sum of Weighted Grade Point obtained in the course by the sum of weight of course.
- 3.14 'Semester Grade Point Average' (SGPA) is an index of the overall performance of a student at the end of a Semester. It is obtained by dividing the sum of the Credit points obtained by a student at the end of a Semester by the sum of the Credits of Courses taken by the student in the Semester.
- 3.15 'Cumulative Grade Point Average' (CGPA) indicates the broad academic level of performance of the student in a Programme. It is obtained by dividing the sum of the Credit points in all the Courses taken by the student for the entire Programme by the total number of Credits.
- 3.16. 'Major Subject' means the subject for which the student has chosen the core Courses in the respective Programme.
- 3.17 'Faculty Advisor' means a teacher appointed by the Department Council/HoD who will advise the student on all academic matters. The teacher will be from the department for the Major subject.
- 3.18 'Grace Grade' means upgraded grade awarded to a student in recognition of meritorious achievements in Sports/Arts/ NCC/NSS. Upgrading of grades shall be based on upgrading of Grade Point Average.

4. Admission

- 4.1 Eligibility for admissions and reservation of seats for various First Degree Programmes shall be according to the rules framed by the University from time to time. No student shall be eligible for admission to a First-Degree Programme (FDP) in any of the discipline unless he/she has successfully completed the examination conducted by a Board/University at the +2 level of schooling or its equivalent.
- 4.2 Student enrollment shall be in accordance with the academic and physical facilities available in the institution. The College shall make available to all students a brochure listing all the Courses offered by the various departments in the entire Programme and the number of seats sanctioned by the University for each Programme.
- 4.3 Depending upon the academic and physical facilities available in the Institution, the University may allow the Institution to admit a certain number of students in the 3rd or 5th Semester by transfer if required, from other Institutions subject to conditions prescribed by the University. A student who has already successfully completed a First Degree Programme and is desirous of and academically capable of pursuing another First Degree Programme may also be admitted with the prior approval of the University according to conditions regarding Course requirements specified by the University.

5. Registration

- 5.1 Each student shall register for the Courses in the prescribed Registration form in consultation with the Faculty Advisor within two weeks from the commencement of each Semester.
- 5.2 The number of Courses/Credits that a student can take in a Semester is governed by the provisions in these Regulations subject to a minimum of 16 and maximum number of 27 Credits.

- 5.3 A student can opt out of a Course/Courses registered subject to the minimum Credit/Course requirement if he/she feels he/she has registered for more Courses than he/she can handle, within thirty days from the commencement of the Semester.
- 5.4 The maximum number of students to be admitted to a Programme shall be limited to the number of seats sanctioned by the University.
- 5.5 The college shall send a list of the students registered for each Programme in each Semester giving the details of Courses for which each of the students has registered including the repeat/reappearance Courses, to the University in the prescribed form within 45 days from the commencement of the Semester.

6. Duration

- 6.1 The normal duration of a First-Degree Programme shall be three years consisting of six Semesters. No student shall be allowed to complete the Programme by attending more than 12 continuous Semesters.
- 6.2 The duration of each Semester shall be five months inclusive of the days of examinations. There shall be at least 90 working days in a Semester and a minimum of 450 hours of instruction in a Semester. Odd Semester (June-Oct) commences in June and Even Semester (Dec-April) commences in December every year. There will be, to an extent possible, one month Semester break in November and May between Semesters.
- 6.3 There shall be a uniform calendar prepared by the University for the conduct of the Academic Programme.

7. Programme Structure

- 7.1 Students shall be admitted to First Degree Programmes in the Faculties of Science, Applied Science, Arts, Fine Arts, Social Sciences, Oriental Studies, Management Studies and Commerce conducted in Affiliated Colleges and Centres of the University under the regular stream as indicated under 2.1.
- 7.2 The First Degree Programme shall include 1) Language Courses 2) Foundation Courses 3) Core Courses in the Major subjects related to Degree Programme 4) Complementary Courses on allied subjects 5) Open/Elective Courses and 6) Project/Dissertation. In the case of subjects included in 2 (a), there shall be a component of Vocational courses. The minimum number of Courses required for completion for a Degree Programme may vary from 30 – 38 depending on the Credit assigned to different Courses.
- 7.3 The students may choose the Major subject of study at the beginning of the Programme and shall join a Department.
- 7.4 Language Courses and Foundation Courses shall be offered in the 1st, 2nd, 3rd and 4th Semesters. Core Courses may be offered from the 1st Semester onwards along with the Complementary Courses and shall include a compulsory project / Dissertation to be undertaken during the 5th / 6th Semester.
Open /Elective Courses may be offered in any subject and the student will have the option to do Courses offered by other Departments, subject to availability of teachers and infrastructure in the Institution, and in exceptional situation, specialized, advanced/applied course offered by same Institution. Open course shall be offered in Fifth Semester and Elective course in Sixth Semester.
- 7.5 No Course shall carry more than 4 Credits. Audit Courses will carry zero Credit.
- 7.6 The Core Courses prescribed by the University for the First Degree Programme shall be offered by the parent Department. More than one combination of Complementary Courses in allied subjects may be offered depending on the availability of teachers and infrastructure facilities (e.g. Chemistry with Mathematics and Physics or Chemistry with Mathematics and Computer Science or Chemistry with Mathematics and Zoology.)
- 7.7 The student is free to take any combination of Complementary Courses offered by the Institution and is also free to select any Elective Course offered by the departments. The student shall do Open/Elective Course totaling to a minimum of 4 Credits but not more than

24 Credits. However, the students may ascertain from the faculty advisor the suitability and usefulness of such Courses to increase the academic potential and opportunity/eligibility for higher studies.

- 7.8 The student secures the Credits assigned to a Course on successful completion of the Course. The students shall be required to earn a minimum of 120 Credits including Credits for Language Courses, Foundation Courses, Core Courses, Complementary Courses (as the case may be), Dissertation and Open/Elective Courses as indicated below within a minimum period of 6 Semesters for the award of the Degree excluding Credit acquired for social service/extension activity. The minimum required Credits for different Courses for the award of the Degree are given in the general structure of the First Degree Programme in schedules 1 and 2.

	B.A. B.Sc.	B.Com.
Accumulated minimum Credits required for successful completion of the Programme:	120 Credits	120 Credits
Minimum Credits for Language Courses	33 Credits	22 Credits
Minimum Credits required for Foundation Courses:	5 Credits	5 Credits
Credits required for Core Courses including Dissertation	50-56 Credits	61 Credits
Credits required for complementary Course	22-28 Credits	12 Credits
Minimum Credits required for Open Courses/ Elective	4 Credits	20 Credits
Minimum Credits for Social Service/ Extension activity:	1 Credit	1 Credit

- 7.9 The student is free to take Audit Courses which may be skill Based/vocational Courses offered in the College sanctioned by the University, in consultation with the faculty advisor to enhance the academic potential of the student for higher studies/employment. Although the Audit Courses do not fetch any Credits, these Courses shall be indicated in the score sheet.
- 7.10 A student is free to register for as many Courses as he/she can if facilities permit, meeting the minimum Credits requirement. Such Additional Credits acquired will be separately shown in the grade card. No student shall register for more than 27 Credits (excluding repeat Courses) and less than 16 Credits in each Semester.
- 7.11 **Attendance:** (Weight 1) Students who secure a minimum of 75% attendance in the aggregate for all the courses of a Semester taken together alone will be allowed to register for End Semester Examinations. Others have to repeat the Semester along with next batch, unless they could make up the shortage of attendance through condonation. However the award of grade for attendance in CE shall be made course-wise. Condonation of shortage of attendance to a maximum of 10 days in a Semester subject to a maximum of two times during the whole period of a Degree Programme may be granted by the University on valid grounds. This condonation shall not be considered for awarding grades for CE. Benefits of attendance for a maximum of 10 days in a semester may be granted to students who participate/attend University Union activities, meetings of the University bodies and extra curricular activities, on production of participation/attendance certificate by University Authorities/Principals as the case may be. But in such cases, condonation will be considered for award of grades for CE.
- 7.12 Credit Transfer: The Credits acquired for Courses in other universities within the country would be accepted on a reciprocal basis according to University norms. Credit transfer and accumulation system can be adopted in a Programme. Transfer of Credit consists of acknowledging, recognizing and accepting Credits by an institution for programmes or courses completed at another institution. The Credit transfer scheme shall allow students pursuing a programme in one University to continue their Education in another University without break.

8. Board of Studies, Courses and Syllabi

- 8.1 The Board of studies (in each subject) shall design all the Courses and syllabi for each Course in that subject offered in the First-Degree Programme subject to the Regulations of the University. The Board shall design and introduce new Courses, modify or redesign existing Courses or replace any Course/Courses with new/modified Courses to ensure better exposure and training to students.

- 8.2 The syllabus for a Course shall include: Course code, the title of the Course, the statement of the aims and objectives of the Course and the number of Credits; instructional hours in terms of lectures, tutorials, and laboratory sessions with the pre-requisites if any, for taking the Course. The Course content shall be given in a unitized manner along with a list of reading materials.
- 8.3 The syllabus for each Course shall include the mode of transacting that Course in terms of lectures, tutorials, seminars, laboratory sessions, field work, projects and such other activities.
- 8.4 The syllabus for each Course shall also indicate the scheme of evaluation/ examination.
- 8.5 For laboratory sessions, the size of a batch shall depend upon the size of the laboratory, the facilities available for controlling and supervising the group of students, and the availability of the number of instruments for individual use. The optimal number of students in a batch for a normal laboratory session under the supervision of a teacher will be 15. In computer laboratory and Language laboratory, the number can be more, or less, depending upon the availability of infrastructure. There shall be at least one teacher to supervise a batch of not more than 15 students in each laboratory session.
- 8.6 For tutorials, a group shall not generally be more than 15 students.
- 8.7 For supervision of Dissertation/Project, each student shall be assigned to a Teacher. Not more than 15 students shall be assigned to a particular teacher in a Semester for such supervisory work.
- 8.8 There shall be a minimum of 15 students but not more than 75 students for Open Courses.
- 8.9 Maximum number of students for Language course shall not be more than 50.

9. Evaluation and Grading

- 9.1 Evaluation of each Course shall be done in percentage score and shall involve Continuous evaluation (CE) with a weight of 25 % and End Semester Evaluation (ESE) with a weight of 75 %.
- 9.2 Continuous Evaluation
- 9.2.1 All records of Continuous Evaluation shall be kept in the Department and shall be made available for verification by the University, if and when necessary.
- 9.2.2 **Attendance:**
The allotment of grade for attendance shall be as follows:
- | | | |
|---------------------------|---|---------|
| Attendance less than 75 % | - | E grade |
| 75 % & less than 80% | - | D grade |
| 80% & less than 85% | - | C grade |
| 85% & less than 90% | - | B grade |
| 90% & above | - | A grade |
- 9.2.3 **Assignments or Seminars: (WEIGHT 1)**
Each student shall be required to do one assignment or one seminar for each Course. Valued assignments shall be returned to the students. The seminars shall be organized by the teacher/teachers in charge of CE and the same shall be assessed by a group of teachers including the teacher/teachers in charge of that Course. Assignments/Seminar shall be graded on the basis of their quality. The teacher shall define the expected quality of an assignment in terms of structure, content, presentation etc. and inform the same to the students. Due weight may be given for punctuality in submission. Seminar shall be similarly graded in terms of structure, content, presentation, interaction etc. (Clause 12.6 of regulations dated 28-08-2010 added to clause 9.2.3).
- 9.2.4 **Tests: (WEIGHT 2)**
For each Course there shall be at least two class tests during a Semester. Grades for the test component in CE shall be awarded on the basis of calculating average of the grades secured for the two class tests. Valued answer scripts shall be made available to the students for perusal within 10 working days from the date of the test. Test papers shall be graded by the same procedure adopted for End-Semester-Evaluation (ESE) of theory course. (Clause 12.7 of regulations dated 28.8.2010 added to clause 9.2.4).
- 9.2.5 **Announcement of results of CE.**
The results of the CE shall be displayed within 5 working days from the last day of a Semester. Complaints regarding the award of grades for CE if any, have to be submitted to

the Head of the Department within 3 working days from the display of results of CE. These complaints shall be examined by the Department committee and shall arrive at a decision, which shall be communicated to the student.

- 9.2.6 The statement of grades of the CE of all the students shall be approved by the Department committee, countersigned by the Principal and forwarded to the Controller of Examinations within 15 working days from the last day of the Semester. The University has the right to normalize the CE, if required, for which separate rules shall be framed.

9.3 **End Semester Evaluation (ESE):**

End Semester Examination of all the Courses in all Semesters shall be conducted by the University. The results of the ESE shall be arranged to be published according to the examination calendar prescribed by the University level monitoring committee, which shall not exceed 45 days from the last day of the examination.

10. Project/Dissertation Work:

- 10.1 For each First Degree Programme there shall be a Project/ Dissertation Work.
- 10.2 The Project/Dissertation work can be done either individually or by a group not exceeding five students. However, Viva-Voce Based on the Project/Dissertation work shall be conducted individually.
- 10.3 The topics shall either be allotted by the supervising teacher or be selected by the students in consultation with the supervising teacher.
- 10.4 The report of the Project/ Dissertation shall be submitted to the Department in duplicate before the completion of the sixth Semester. There shall be no continuous assessment for Dissertation / project work.
- 10.5 A Board of two Examiners appointed by the University shall evaluate the report of the Project/Dissertation Work.
- 10.6 The detailed guidelines regarding the conduct and evaluation of the Project/ Dissertation will be framed by the Board of Studies concerned.

11. Social Service/Extension Activity:

- 11.1 It is mandatory for a student to participate in any one of the following Social Service/Extension Activities for not less than forty hours, during the 3rd and 4th Semester, for successful completion of the Programme
- 1) Health Education
 - 2) Peoples Planning Programme
 - 3) Debate Club
 - 4) Environmental Activities
 - 5) Human Rights Forum
 - 6) Community Health Activity
 - 7) Kerala State Literacy Mission
 - 8) Performing Arts Club-Folklore
 - 9) Media Club
 - 10) Community Based activities of CACEE
 - 11) NSS
 - 12) NCC
 - 13) Sports Club
 - 14) Science Club
 - 15) Nature Club/Eco Club
 - 16) Theatre Club
 - 17) Planning Forum
 - 18) Literary Club
 - 19) Women's study Unit
 - 20) Anti-Ragging Cell
 - 21) State Library Council Affiliated Rural Public Libraries
- 11.2 There shall be a General Coordinator to be nominated by the College Council, for the conduct of all these activities.
- 11.3 A statement testifying the participation of the students shall be forwarded to the Controller of Examinations along with the statement of CE results for the 4th Semester.

- 11.4 Those who have not secured the minimum number of hours of Social Service/Extension Activity during the 3rd and 4th Semester shall secure the minimum required attendance by attending such Programmes during the subsequent 5th and 6th Semesters. In such cases, the details about participation shall be forwarded to the Controller of Examinations, by the College authorities along with the CE results of the 6th Semester.
- 11.5 Separate rules will be framed by the University for awarding Credit for participation in social service/Extension activities.

12 GRADING SYSTEM

- 12.1 Both CE and ESE will be carried out using Direct Grading System on a 5-point scale as given below:

Direct Grading

Letter Grade	Performance	Grade Points (G)	Grade Range
A	Excellent	4	3.50 to 4.00
B	Very Good	3	2.50 to 3.49
C	Good	2	1.50 to 2.49
D	Average	1	0.50 to 1.49
E	Below Average	0	0.00 to 0.49

In direct grading, each descriptive answer is directly given a letter grade in place of marks, on the basis of an assessment of the quality of the answer. In case of objective type questions, grading is undertaken by bunching them into 4. Thus, if all the 4 answers in the bunch are correct, the bunch can be graded as A; if 3 are correct the grade is B; if 2 are correct the grade is C; if 1 is correct the grade is D; if no answer is correct, the grade is E.

- 12.2 Consolidation of Grades

The overall grade for an answer paper (ESE theory) is consolidated by dividing the sum of weighted grade points by the sum of weights, as shown in the example given below:

Consolidation of Grades for an Answer Paper (Theory)

Consolidation of Grades for an Answer Paper (Theory)

Question Type	Question No.	Grades awarded	Grade points (P)	Weight (W)	Weighted Grade points
Objective 4 bunches – No Choice 4x1= 4 Weightage	1-4	C	2	1	2
	5-8	B	3	1	3
	9-12	D	1	1	1
	13-16	A	4	1	4
Short answer (8 out of 12) 8x1=8 weightage	17	A	4	1	4
	18	-----	-----	-----	-----
	19	C	2	1	2
	20	B	3	1	3
	21	A	4	1	4
	22	A	4	1	4
	23	A	4	1	4
	24	-----	-----	-----	-----
	25	C	2	1	2
	26	-----	-----	-----	-----
	27	A	4	1	4
Short Essay / Paragraph (5 out of 8) 5 x2=10 Weightage	28	-----	-----	-----	-----
	29	B	3	2	6
	30	B	3	2	6
	31	-----	-----	-----	-----
	32	B	3	2	6
	33	-----	-----	-----	-----
	34	B	3	2	6
	35	A	4	2	8
	36	-----	-----	-----	-----

Long Essay (2 out of 3)	37	B	3	4	12
2x4 = 8 Weightage	38	-----	-----	-----	-----
Total	39	C	2	4	8
Total	30			30	89
Grade of Answer Paper	Total weighted grade points / Total weights = $89/30 = 2.97$ = Grade B				

The hatched rows are excess answers and hence ignored

- 12.3 The grade of a answer paper (ESE Practical) shall be consolidated by similar procedure discussed above by assigning weights for the various components (e.g., Procedure, Experiment, Calculation, Accuracy of the reported values, Presentation of results, Diagrams, etc.). The Boards of studies shall define the components and their weights and include them in the scheme and syllabus of each practical Course.
- 12.4 The grades for Continuous Evaluation (CE) shall be consolidated using the same procedure adopted for the ESE grade by combining the grades of the internal components, taking into account their weights.

Clause 12.5 of regulations dated 28-08-2010 deleted.

- 12.5. If B, C and A grades are scored by a student for attendance, assignment, seminar and test paper respectively for a particular Course, then her/his CE grade for that Course shall be consolidated as shown in the example given below:

Consolidation of Grades for CE

Component	Weight (W)	Grade	Grade points (G)	Weighted Grade (W x G)
Attendance	1	B	3	3
Assignment/Seminar	1	C	2	2
Test paper	2	A	4	8
Total	4			13
CE Grade	Total Weighted Grade points/ Total weights = $13/4 = 3.25$ = Grade B			

- 12.6 Consolidation of the grade of CE & ESE of the Course: The grade for a Course is consolidated by combining the ESE and CE grades taking care of their weights. For a particular Course, if the grades scored by a student are C and B respectively for the End Semester and Continuous Evaluation, as shown in the above examples, then, the grade for the Course shall be consolidated as shown in the example given below:

Consolidation of the Grade of a Course

Exam	Weight	Grade	Grade points (G)	Weighted grade points (W x G)
ESE	3	C	2.47	7.41
CE	1	B	3.20	3.20
Total	4			10.61
Grade of Course	Total weighted grade points/ Total weights = $10.61/4 = 2.65$ = Grade B			

- 12.7 A minimum of D grade is required for passing a Course with a separate minimum (D grade) for Continuous Evaluation and ESE.
- 12.8 Consolidation of SGPA: SGPA is obtained by dividing the sum of Credit points (P) obtained in a Semester by the sum of Credits (C) taken in that Semester. After the successful completion of a Semester, Semester Grade point Average (SGPA) of a student in that Semester shall be calculated. Suppose the student has taken four Courses each of 4 Credits

and two Courses each of 2 Credits in a particular Semester. After consolidating the Grade for each Course as demonstrated above, SGPA has to be consolidated as shown in the example given below:

Consolidation of SGPA

Course code	Title of Course	Credits (C)	Grade awarded	Grade points (G)	Credit points (P = C x G)
01	.....	4	A	4	16
02	.....	4	B	2.65	10.60
03	.....	4	A	3.8	15.2
04		4	C	2.2	8.8
05		2	B	3.2	6.4
06		2	B	3.4	6.8
Total		20			63.80
SGPA	Total Credit points / Total Credits = $63.80/20 = 3.19$				

- 12.9 For the successful completion of a Semester, a student has to acquire minimum Credits as given in 7.8 and score a minimum SGPA of 2.00. However, a student is permitted to move to the next Semester irrespective of his/her SGPA.
- 12.10 Consolidation of CGPA: An overall letter grade (Cumulative Grade) for the whole Programme shall be awarded to the student Based on the value of CGPA using a 7-point scale, as given below. It is obtained by dividing the sum of the credit points in all the courses taken by the student, for the entire program by the total number of credits.

Consolidation of CGPA

Semester	SGPA Credit Point(CP)	SGPA Credit (C)	CGPACP/C
1	63.80	20	396.6/120=3.30
2	65.00	20	
3	70.00	20	
4	69.45	20	
5	64.25	20	
6	64.10	20	
Total	396.60	120	
CGPA= Total Credit points of all Semesters divided by Total Credits of all Semesters= $396.6/120 = 3.30 = \text{Grade B+}$			

Please see the table below.

Overall Grade in a Programme

CGPA	Overall Letter Grade
3.80 to 4.00	A+
3.50 to <3.80	A
3.00 to <3.50	B+
2.50 to <3.00	B
2.00 to <2.50	C+
1.50 to <2.00	C
Less than 1.5	D

- 12.11 The grades of the Courses taken over and above the minimum prescribed Credits, shall not be counted for computing CGPA
- 12.12 For the successful completion of a Programme and award of the Degree, a student must pass all Courses satisfying the minimum Credit requirement and must score a minimum CGPA of 2.00 or an overall grade of C+.

12.13 Promotion to Higher Semesters

Students who complete the Semester by securing the minimum required attendance as specified in section 7.11 and who register for the End Semester Examination conducted by the University of each Semester alone shall be promoted to the next higher Semester.

12.14 Repetition of the Semester Courses

Students who fail to secure the minimum required aggregate attendance during a Semester shall be given one or more chances to repeat the Semester along with the subsequent batch of students after obtaining re-admission, subject to provision contained in clause 6.1 they will have to repeat the CE for all Courses.

12.15 Re-appearance of Failed Students

Students who fail shall have to reappear for the ESE of the same along with the next regular batch of students. Failed candidates will have to appear for the examination in the Course concerned. They shall not be allowed to repeat the Semester but the grades secured by them for the CE part shall be carried over and added to the grades obtained in the ESE they reappear. However, those who fail in the CE (i.e. those who fail to secure a minimum of D Grade), will have one more chance to improve the same (except the grade for attendance) along with the next regular batch of students.

12.16 Grace Grades.

Grace grades shall be awarded for Sports/Arts/NCC/NSS in recognition of meritorious achievements by upgrading grades awarded to Courses to the next higher grade in the form of Grade Point Average. Separate rules will be framed by the University in this respect.

13 Grade Card and Award of Degree

13.1 The University under its seal shall issue to the students a Grade Card on completion of each Semester indicating the details of Courses, Credits and grade point, average for each Course and SGPA.

13.2 The final grade card issued at the end of the final Semester on completion of the Programme shall contain the details of all Courses taken during the entire Programme including Additional Courses taken over and above the prescribed minimum Credits for obtaining the Degree. However, for the calculation of CGPA, only those Courses in which the student has performed the best with maximum Credit points alone shall be taken subject to the minimum requirements of Credits for successful completion of a Programme. The final grade card shall indicate the CGPA and CGPA(S)* and the overall letter grade for the whole Programme. The final grade card shall also indicate all the audited Courses (zero Credit) successfully completed by the student during the whole Programme.

13.3. No student shall be eligible for the award of the Degree unless s/he has successfully completed a Programme of not less than 6 Semesters duration and secured at least 120 Credits(excluding Credits for social service/extension) as prescribed by these Regulations.

13.4 The Degree to be awarded shall be called Bachelors Degree in the respective discipline (e.g. B Sc in Chemistry, B A in English, B Com etc) as specified by the Board of Studies and in accordance with the nomenclature specified by the Act and Statutes of the University.

* CGPA(S) is CGPA for specialized subjects. (It is computed in a similar manner but without considering the Language Courses, Foundation Course for Language and Open Course).

14 Monitoring of the Programme

Monitoring of the First Degree Programme shall be done by Committee at three levels viz., Department Level Monitoring Committee (DLMC), College Level Monitoring Committee (CLMC), and University Level Monitoring Committee (ULMC).

14.1 Department Level Monitoring Committee (DLMC)

A committee consisting of the Head of the Department and all teachers of the Department shall monitor the conduct of Courses and evaluation under CE. This committee shall examine the complaints, if any, from aggrieved students regarding the evaluation. The Head of the Department shall be the Chairperson and a teacher selected by DLMC from among the members shall be the Convener.

14.2 College Level Monitoring Committee (CLMC)

The College Level Monitoring Committee shall consist of the Principal, the Heads of departments and the elected representatives of teachers in College Council. The Principal shall be the Chairperson and a member selected by the CLMC from among the Heads of the Departments shall be the Convener. This committee shall be responsible for the conduct of the First Degree

Programme, ensuring minimum instructional days, making arrangements for ESE (University Examinations) of various Semesters etc. This committee shall consider all the complaints not redressed by the DLMCs. While considering the complaints, by the CLMC, the College Union Chairperson shall be included as an invitee. The College Level Monitoring Committee shall be reconstituted by the Principal immediately on commencement of each academic year.

- 14.3 University Level Monitoring Committee (ULMC) shall be reconstituted by the VC immediately on the commencement of each academic year.

The ULMC shall consist of the following members:

- 1) The Pro-Vice-Chancellor
- 2) A Member of the Syndicate representing Teachers of the Affiliated Colleges nominated by the Vice-Chancellor.
- 3) A Dean nominated by the Vice-Chancellor
- 4) Controller of Examinations
- 5) Director, College Development Council (DCDC)
- 6) Student Representative of the Syndicate
- 7) A member of the Academic council nominated by the VC.

The Pro Vice-Chancellor shall be the chairperson and DCDC shall be the convener of the committee. This committee shall be responsible for monitoring and conduct of First Degree Programme envisaged in this regulation. This committee shall finalize the academic calendar and the conduct of the ESE in the college. This committee shall also serve as an appellate committee to examine and settle the complaints not redressed by the CLMC. The committee shall suggest amendments if any to the Regulations of the First Degree Programme.

- 14.4 All committees mentioned under clause 14.1, 14.2 and 14.3 shall meet three times in a Semester, at the beginning, middle and at the end of the Semester.

- 14.4.1 All Committees shall be constituted at the beginning of each Academic Year

- 14.5 Quorum of the Committees

- 14.5.1 **DLMC**

50% of the total number of the members in the Department shall form the quorum of this committee. It is obligatory for the Teacher/teacher-in-charge of the CE for the particular Course/s to attend the meeting.

- 14.5.2 **CLMC**

50% of the total number of members shall form the quorum of the committee. It is obligatory for the Head of the Departments concerned, to be present in the meeting while a complaint pertaining to that Department is discussed in the Committee.

- 14.5.3 **ULMC**

Four members shall constitute the quorum for the meeting of this committee.

15 Transitory Provision

Notwithstanding anything contained in these Regulations, the Vice-Chancellor shall for a period of three years from the date of coming into force of these Regulations, have the power to provide by order that these Regulations shall be applied to any Programme with such modifications as may be necessary.

16 Repeal

Regulations now in force in so far as they are applicable to Programmes offered in the Affiliated Colleges as mentioned in 2.1 and 2.2 and to the extent they are inconsistent with these Regulations are hereby repealed. In the case of any inconsistency between the existing Regulations and the Regulations relating to First Degree Programme under the Semester Pattern in the Affiliated Colleges and Centres of the University in their application to Courses offered in the Affiliated Colleges and Centres of the University as mentioned in 2.1, the latter shall prevail.

Schedule I

1. Course Structure for B.A/B.Sc. Degree Programmes

Study components	Number of Courses	Credits/Course	Total Credits
Language Courses			
a) English	5	3 - 4	19
b) Additional Language	4	3 - 4	14
Foundation Course	2	2 - 3	5
Core Course	12 - 15	2 - 4	46 - 52
Complementary Course	8 - 10	2 - 3	22 - 28
Project/Dissertation	1	4	4
Open/Elective Course	1+1	2	4

2. Course Structure for B.Com. Degree Programme

Study components	Number of Courses	Credits/Course	Total Credits
Language Courses			
a) English	4	3 - 4	14
b) Additional Language	2	4	8
Foundation Course	2	2 - 3	5
Core Course	16	2 - 4	57
Complementary Course	4	3	12
Project/Dissertation	1	4	4
Open/Elective Course	1+1+4	2 - 4	20

Total number of Courses	:	32 - 38
Minimum Duration	:	6 Semesters
Total credits required for the Courses of Study	:	120 Credits
Minimum credit for Social Service/extension activity	:	1 Credit.

Schedule 2

General Course Structure of the Career-related First Degree Programme under CBCS System

All Programmes under schedule 2 are henceforth known as Career Related First Degree Programme. These Programmes are categorized into 2 groups viz. 2(a) & 2 (b).

2(a)

Study Components	Number of Courses	Credits/Course	Total Credits
<i>Language Courses</i>			
1. English	4	3	12
2. Additional Language	2	3	6
<i>Foundation Courses</i>	2	2-3	5
<i>Core Courses</i>	12-14	2-4	38
<i>Vocational Courses</i>	10-12	2-4	35
<i>Complementary Courses</i>	4-6	2-4	16
<i>Open/Elective Courses</i>	2	2	4
<i>Dissertation/project</i>	1	4	4

Accumulated Total Minimum Credits required for Programmes of study = 120 Credits.

Minimum Credits for Social Services/Extension Activity = 1 Credit

Minimum Duration = 6 Semesters

Programmes offered under 2 (a)

- 1) Botany and Biotechnology
- 2) Environmental Science & Environment and Water Management
- 3) Biochemistry & Industrial Micro Biology
- 4) Physics & Computer Application
- 5) Chemistry & Industrial Chemistry
- 6) Journalism & Mass Communication and Video production
- 7) Malayalam and Mass Communication
- 8) English & Communicative English
- 9) Commerce & Hotel Management and Catering
- 10) Commerce & Tax procedure and practice
- 11) Commerce and Tourism and Travel Management.

2 (b)

Study Components	Number of Courses	Credits/Course	Total Credits
<i>Language Courses</i>			
1. English	2	2	4
2. Additional Language			
<i>Foundation Courses</i>	2	2-3	5
<i>Core Courses</i>	20-32	2-4	74-98
<i>Complementary Courses</i>	0-4	2-3	0-12
<i>Open/Elective Courses</i>	2-6	2-4	4-24
<i>Dissertation/project</i>	1	4	4

Accumulated Total Minimum Credits required for Programmes of study = 120 Credits.

Minimum Credits for Social Services/Extension Activity = 1 Credit

Minimum Duration = 6 Semesters

Programmes offered under 2 (b)

- 1) Biotechnology (Multimajor)
- 2) Commerce with Computer Application
- 3) Computer Science
- 4) Electronics
- 5) Computer Application
- 6) Business Administration
- 7) Hotel Management

Attested

[Signature]

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