



UNIVERSITY OF JAMMU

NOTIFICATION

(16/June/GEN/97)

It is hereby notified for the information of all concerned that the Vice-Chancellor, in anticipation of the approval of the competent bodies, has been pleased to authorize the following:—

- i) introduction of Choice Based Credit System at the Under Graduate Level in the Degree Colleges affiliated to the University of Jammu from the Academic Session 2016-17 and
- ii) adoption of Statutes governing Choice Based Credit System at the Under Graduate Level for the Academic Session 2016-17.

The Statutes/Scheme governing Choice Based Credit System at the Under Graduate Level is available on the University website: jammuuniversity.in.

**Sd/-
DEAN ACADEMIC AFFAIRS**

No. F.Acd/I/16/5205-5304

Dated: 11.06.2016

Copy to:-

1. Special Secretary to the Vice Chancellor for kind information of the Worthy Vice-Chancellor pls.
2. Sr. P.A. to the Dean Academic Affairs
3. Sr. P.A. to the Dean Research Studies
4. Sr. P.A. to the Registrar/Controller of Examinations/Director, Colleges Development Council
5. Director, DIQA
6. Joint Registrar Finance/Examination
7. All Principals of affiliated degree Colleges
8. Assistant Registrar (Publication Relation and Information)
9. Incharge, University Website for necessary action
10. G.F.

ANNEXURE III

List of Some Discipline Specific Courses and Skill Enhancement Courses and their syllabus to be prepared by concerned BOS

Subject	Some Discipline Specific Courses	Some Skill Enhancement Courses
Botany	Cell and Molecular Biology	Bio-fertilizers
	Economic Botany and Biotechnology	Herbal Technology
	Analytical Techniques in Plant Sciences	Nursery and Gardening
	Bioinformatics	Floriculture
	Research Methodology	Medicinal Botany
		Plant Diversity and Human Welfare
		Ethno Botany
		Mushroom Culture Technology
		Intellectual Property Rights
Zoology	Applied Zoology	Apiculture
	Animal Biotechnology	Aquarium Fish Keeping
	Aquatic Biology	Aquatic Biology
	Immunology	Medical Diagnostic
	Reproductive Biology	Public Health and Hygiene
	Insect, Vector and Diseases	Sericulture
Chemistry	Analytical Methods in Chemistry	IT Skills for Chemists
	Molecular Modelling & Drug Design	Basic Analytical
	Research Methodology for Chemistry	Chemical Technology & Society
	Green Chemistry	Chemo Informatics
	Bio-inorganic & Environmental Chemistry	Business Skill for Chemists
	Instrumental Methods of Analysis	Analytical Clinical Biochemistry
		Green Methods in Chemistry
		Pharmaceutical Chemistry
		Chemistry of Cosmetic & Perfumes
		Pesticide Chemistry
	Fuel Chemistry	
Biotechnology	Animal Biotechnology	Enzymology
	Medical Microbiology	Industrial Fermentations
	Environment Biotechnology	Drug Designing
	Intellectual Property Rights	Basics of Forensic Science
	Microbial Physiology	

	Biostatistics	
	Ecology and Environment Management	
	Evolutionary Biology	
Physics	Digital, Analogue and Instrumentation	Physics Workshop Skills
	Elements of Modern Physics	Computational Physics Skills
	Mathematical Physics	Electrical Circuits and Network Skills
	Solid State Physics	Basic Instrumentation Skills
	Quantum Mechanics	Renewable Energy and Energy harvesting
	Embedded System:	Technical Drawing
	Nuclear and Particle Physics	Radiology and Safety
	Medical Physics	Applied Optics
		Weather Forecasting
Electronics	Semiconductor Devices Fabrication	Computational Physics Skills
	Electronic	Renewable Energy and Energy harvesting
	Instrumentation	Electrical Circuits and Network Skills
	Digital Signal Processing	Technical Drawing
	Verilog and FPGA based system Design	Applied Optics
	Photonic devices and Power Electronics	Weather Forecasting
	Antenna Theory and wireless Networks	
Mathematics	Mechanics	Logic and Sets
	Linear Algebra	Analytical Geometry
	Matrices	Integral Calculus
	Computational Mathematics	Vector Calculus
		Theory of Equations
		Number Theory
		Probability and Statistics
		Mathematical Finance
		Mathematical Modelling
		Boolean Algebra
Transportation and Game Theory		

		Graph Theory
Statistics	Operation Research	Statistical Data Analysis Using Software Packages
	Time Series Analysis	Statistical Data Analysis Using R/SPSS
	Econometrics	Statistical Techniques for Research Methods
	Demography and Vital Statistics	Data Base Management Systems
	Financial Statistics	Applied Statistics
	Actuarial Statistics	
	Survival Analysis /Biostatistics	
Economics	Economic Development and Policy in India	Financial Economics
	Money and Banking	Data Analysis
	Environmental Economics:	
	Public Finance	
Psychology	Positive Psychology	Emotional Intelligence
	Human Resource Management	Stress Management
	Health Psychology	Effective Decision Making
	Community Psychology	Educational Psychology
	Cultural and Indigenous Psychology	
Political Science	Theme in Comparative Political Theory	Legislative Support
	Administration and Public Policy: Concepts and Theories	Public Opinion and Survey Research
	Democracy and Governance	Democratic Awareness with Legal Literacy
	Understanding Globalization	Conflict and Peace Building
History	History of United State of America	Understanding Heritage
	History of USSR	Art Appreciation: An Introduction to Indian Art
	History of Africa	Archives and Museum
	History of Latin America	Understanding Popular Culture
	History of Southeast Asia	

	History of Modern East Asia	
Persian	History of Persian Literature during Safavid Period	Indo-Persian Literature: A brief History
	History of Persian Literature during Mughal Period	Indo-Persian Literature: A brief History
	History of Persian Literature during Qajar Period	Modern Persian Literature
	History of Persian Literature during Pahalavi Period	Introduction of Persian Rhetoric
	Persian Translation of Indian writing during Mughal Period	
	Short Story writing in Modern Persian: A Survey	
	A Survey of Persian Newspaper in India	
	A History of Dari & Tajik Literature	
	Development of Persian Literature in Awadh	
Development of Persian Literature in Deccan		
Geography	Geography of India	Regional Planning and Development
	Economic Geography	Remote Sensing and GPS based Project Report
	Disaster Management	GIS based Project Report
	Geography of Tourism	Field Techniques and Survey based Project Report
English	Modern Indian Writing	Film Studies
	English Translation	English Language Teaching
	Literature of the Indian Diaspora	Soft Skills
	British Literature	Translation Studies
	Post World War II	Creative Writing
	Nineteenth	Business Communication

	Century European Realism	Technical Writing
	Literary Theory	
	Literary Criticism	
	Science Fiction and Detective Literature	
	World Literature	
	Partition Literature	
	Research Methodology	
	Travel Writing	
	Autobiography	
B.Com. (General)b	Human Recourse Management	Research Methodology
	Indirect Tax Law	Statistical Software
	Fundamentals of Financial Management	MS OFFICE/Basic Computer
	Corporate Tax Planning	
	Banking and Insurance	
	Management Accounting	
	Computerised Accounting System	
	Steno & Short Hand	
	International Business	
	Office Management and Secretarial Practice	
	Fundamentals of Investment	
BCA	Artificial Intelligence	Android Programing
	Machine Learning	Mat Lab
	Data Mining	R Programming
	Numerical Method	IOS Development
	Statistics	PHP
	Remote Sensing and GIS	Python
	Multimedia Computing	.Net Technologies
	Quantitate Techniques	Linux/Unix

	Microprocessor	XML Programming
	Cloud Computing	PL/SQL
	System Software	Software Testing
	Automata and Formal Languages	Web Designing
	Bio Informatics	Client Side Development (Java Script & J Query)
	Wireless Computing	Search Engine Optimization (SEO)
		Technical Writing
		E-Commerce
BBA	Investment Banking & Financial Services	
	Corporate Analysis & Valuation	
	Business Tax Planning	
	International Trade Blocks and Multilateral Agencies	
	Corporate Accounting	
	Strategic Corporate Finance	
	Management of Financial Institutions	
	Forensic Analysis and Fraud Investigation	
BBA Honours	Investment Banking & Financial Services	
	Corporate Analysis & Valuation	
	Business Tax Planning	
	International Trade Blocks and Multilateral Agencies	
	Corporate Accounting	
	Strategic Corporate Finance	
	Management of Financial Institutions	
	Forensic Analysis and Fraud Investigation	
	Research Project	

Home Science	Introduction to resource management	
	An Introduction to human development	
	Introduction to Textile	
	Extension Communication process and Development	
	Family resource Management	
	Food Microbiology	
	An over view to human development Part – II	
	Clothing for Family	
	Gender and development	
	Normal and Therapeutic Nutrition	
	Woman And Nutrition	
	Textile and Fashion Designing	
	Residential Space Designing and Furnishing	
	Community Nutrition	
	Child with Special Needs	
Financial Management		
Gender Status & Development		

Note: Besides the above Courses the concerned BOS may prepare courses as per available specializations/infrastructure/resources in colleges, affiliated to Jammu University.

SUBJECT COMBINATIONS UNDER CBCS

1. GROUP A: ARTS

SEM.	CORE COURSES								AECC	SEC	DSE	GE
1	English/Hindi/MIL-1 (Compulsory)	Education , Marketing Mgt.	Psychology, Home Science, History,	Sociology, Mathematics , English Lit., Business Mgt., Applied Mathematics .	Statistics, Pol.Science, Music .	Philosophy, Computer Application, Geography.	Functional English, Islamic Studies,	Economics, OCL (Sanskrit, Persian, Arabic)	Communication English/MIL-1 (Compulsory) EVS-1 (Compulsory)			
Any two courses to be chosen selecting only one from each column above												
2	English /Hindi/MIL -2 (Compulsory)	Two courses selected in 1 semester to be continued							Communication English/MIL-2 (Compulsory) EVS-2 (Compulsory)			
3	English/Hindi/MIL -3 (Compulsory)	Two courses selected in 2 semester to be continued								SEC1		
4	English/Hindi/MIL -4 (Compulsory)	Two courses selected in 3 semester to be continued								SEC2		
5									SEC3	DSE1.1 DSE2.1 DSE3.1	GE1	
6									SEC4	DSE1.2 DSE2.2 DSE3.2	GE2	

SUBJECT COMBINATIONS UNDER CBCS

2. GROUP B: SCIENCE(MEDICAL/NON MEDICAL)

SEM.	CORE COURSES						AECC	SEC	DSE
1	Chemistry, Functional English.	Botany, Physics.	Zoology, Mathematics, Applied Mathematics .	Statistics, Biotechnology.	Geography, Electronics, Industrial Fish & Fisheries, Sericulture, Bio Informatics.	Geology, Computer Application, Food Science & Quality Control.	Communication English/MIL-1 (Compulsory) EVS-1 (Compulsory)		
	Any three courses to be chosen selecting only one from each column above								
2	Three courses selected in 1 semester to be continued						Communication English/MIL-2 (Compulsory) EVS-2 (Compulsory)		
3	Three courses selected in 2 semester to be continued							SEC1	
4	Three courses selected in 3 semester to be continued							SEC2	
5								SEC3	DSE1.1 DSE2.1 DSE3.1
6								SEC4	DSE1.2 DSE2.2 DSE3.2

SUBJECT COMBINATIONS UNDER CBCS

3. GROUP C: B.COM(General)

SEM.	CORE COURSES			AECC	SEC	DSE	GE
1	English/MIL-1 (Compulsory)	Financial Accounting	Business Organization and Management	EVS-1 (Compulsory) Communic. English/MIL-1 (Compulsory)			
2	English/MIL-2 (Compulsory)	Corporate Accounting	Managerial Economics	EVS-2 (Compulsory) Communic. English/MIL-2 (Compulsory)			
3	Fundamentals of Business Communication	Cost Accounting	Indian Contracts Act		E Commerce/Tax procedure and practice/Computer Application/Entrepreneurship for Small Business/Management Information System (Any One)		
4	Business Communication Skills and Development	Direct Tax laws	Contemporary Mangement		Corporate Laws/Cyber Crimes and Laws/Tax Procedures and Practice/Computer Application/Customer Relationship Management (Any One)		
5	Management of Working Capital				Direct Tax Practice-1/HRM/Security Analysis and Portfolio Management/Tax procedure and Practice/Computer Application-1 (Any One)	1. Indirect Taxes/Banking & Insurance/Auditing-1 (Any One) 2. Statistics for Managers/Fundamentals of marketing/Partnership Act (Any One)	Public Finance/Tourism and Management/Computerised Accounting (Any One)
6	Management Accounting				Direct Tax Practice-2/Multinational Business/Finance/Business Environment/Tax Procedure and Practice/Computer Application-2	1. Auditing-2/Financial Management/Retail Management (Any One) 2. Business Ethics and Corporate Governance/Labour Laws/Office Management (Any One)	Indian Economy/Salesmanship/Economic and Commercial Geography

SUBJECT COMBINATIONS UNDER CBCS

4. GROUP D: B.COM(Honours)

SEM.	CORE COURSES		AECC	SEC	DSE	GE
1	Financial Accounting	Business Organization and Management	EVS-1 (Compulsory) Communic. English/MIL-1 (Compulsory)			Managerial Economics/Business Mathematics/ Labour Laws (Any One)
2	Advanced Financial Accounting	Contemporary Management	EVS-2 (Compulsory) Communic. English/MIL-1 (Compulsory)			Business Statistics/Monetary Economics/Business legislations (Any One)
3	Corporate Accounting	Production and Operation Mgmt	International Business	Fundamentals of E Commerce/ Computerised Accounting (Any One)		Cyber Crimes and Laws/Security Exchange Board of India/FEMA (Any One)
4	Cost Accounting	Insurance and Risk management	Direct Tax Laws-1	Stock market Operations/Retail Management (Any One)		Corporate Laws/Indian Economy/Project management
5	Direct Tax Laws-2	Auditing -1			1. Entrepreneurship and Small Businesses/HRM/ Business Communication for Managers (Any One) 2. Analysis of Financial Statements/Security Analysis and Portfolio Analysis/International Financial System (Any One)	Public Finance/Tourism and Management/Computerised Accounting (Any One)
6	Management Accounting	Auditing--2			1. Corporate Startegic Management/Marketing Management/Services Marketing (Any One) 2. Business Ethics and Corporate Governance/Quality Management/Project Management (Any One)	

SUBJECT COMBINATIONS UNDER CBCS

5. GROUP E: B.Sc(Home Science)

SEM.	CORE COURSES			AECC	SEC	DSE	GE
1	Basic Physiology And Fundamentals Of Human Nutrition	Fundam of Family Resourse Management	Fundam. Of Clothing Construction and Care	EVS-1 (Compulsory) Communic. English/MIL-1 (Compulsory)			
2	Foundations of Human Development and Family Dynamics	Fundam of Communication and Extension	Basics of Research Methods and Statistics	EVS-2 (Compulsory) Communic. English/MIL-2 (Compulsory)			

GROUP F: BA ENGLISH HONOURS						
SEM.	CORE COURSES		AECC	SEC	DSE	GE
1	Drama - I	Poetry – I	Communication English I EVS-1 (Compulsory)			GE 1 Economics / History/ Political Science/ Sociology (The student will choose a core course of B A Programme being offered in the corresponding semester[any one of the above mentioned subjects])
2	Non-Fictional Prose	Fiction I	Communication English 2 EVS-2 (Compulsory)			GE 2 Course selected in Semester I to be continued
3	Drama- II	Poetry-II	Fiction-II		Business communication/ English Language Teaching (Any One)	GE 3 Course selected in Semester II to be continued)
4	American Literature	Women's Writing	Classical Literature European/Indian		Creative Writing/ Translation Studies (Any One)	GE 4 Course selected in Semester III to be continued
5	Indian Writing in English	Popular Literature			1. Science Fiction & Detective Literature/ Literature & Cinema (Any One) 2. British Literature: Post World War II/ Nineteenth Century British Realism (Any One)	
6	Postcolonial Literatures	Modern European Drama			1. Partition	

				Literature/Travel Writing (Any One) 2. Literature of The Indian Diaspora/ Modern Indian Writing in English Translation(Any One)	
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SUBJECT COMBINATIONS UNDER CBCS

7. GROUP G: BCA Programme

SEME STER	CORE COURSES					AECC	SEC	DSE	GE
1	English (Compulsory)	Mathematics (Compulsory)	Problem solving using C-language	Computer fundamentals	Practical's (Based on Computer Core Courses)	EVS-1 (Compulsory) Commun English/MIL-1 (Compulsory)			
2	English (Compulsory)	Mathematics (Compulsory)	Data and File Structures using C-language	Fundamentals of Digital Electronics	Practical's (Based on Computer Core Courses)	EVS-2 (Compulsory) Commun English/MIL-2 (Compulsory)			
3	English (Compulsory)	Mathematics (Compulsory)	Fundamentals of Operating System	Database Management System	-	-	PHP / Linux/Unix (Practical Based) (Any One)		
4	English (Compulsory)	Mathematics (Compulsory)	Computer Networks and Internet	Object Oriented Programming using C++	-	-	MATLAB / PL SQL (Practical Based) (Any One)		
5	English (Compulsory)	Mathematics (Compulsory)	Software System Design	VB.net	-	-	XML Programming/ WEB Designing (Practical Based) (Any One)	Data Mining / Statistics/ Multimedia computing (Any One)	
6	English (Compulsory)	Mathematics (Compulsory)	Project					.Net Technologies/Cloud Computing Client Side Development Java Script &J query) (Any One)	

SUBJECT COMBINATIONS UNDER CBCS

7. GROUP G: BCA Programme

8. GROUP H: BBA Under CBCS

SEM.	CORE COURSES			AECC	SEC	DSE	GE
1	Fundamentals of Management	Statistics for Business	Managerial Economics	EVS-1 (Compulsory) Communic. English/MIL-1 (Compulsory)			Ethics & CSR
2	Organisational Behaviour	Financial Accounting	Business Maths	EVS-2 (Compulsory) Communic. English/MIL-2 (Compulsory)			India's Diversity & Business