

# दिल्ली विश्वविद्यालय UNIVERSITY OF DELHI

Bachelor of Science (Hons) Biochemistry

(Effective from Academic Year 2019-20)



Revised Syllabus as approved by

**Academic Council**

Date:

No:

**Executive Council**

Date:

No:

**Applicable for students registered with Regular Colleges, Non Collegiate  
Women's Education Board and School of Open Learning**

## Acknowledgements

The following individuals are acknowledged for their help in drafting, editing, revising and preparing the draft of the revised syllabus:

- I. Programme Coordinator and Head (Dean, Faculty of Interdisciplinary and Applied Sciences) : Professor Suman Kundu  
Department of Biochemistry  
UDSC, New Delhi
- II. Course Coordinators and Faculty members  
Department of Biochemistry : Professor Vijay K. Chaudhary  
UDSC, New Delhi : Professor Debi P. Sarkar  
Professor Alo Nag  
Dr. Amita Gupta  
Dr. Garima Khare
- III. Working Committee Members (teachers) from Department of Biochemistry of the following colleges – Daulat Ram College, Deshbandhu College, Institute of Home Economics, Shivaji College, Shaheed Rajguru College of Applied Sciences for Women, Sri Venkateswara College, Bhaskaracharya College of Applied Sciences -  
Dr. Meenakshi Kuhar, Dr. Rajni Jain, **Dr. Sunita Singh**, Dr. Nandita Narayanasamy, **Dr. Jayita Thakur**, Dr. Bhupinder Kumar, Dr. N. Latha, Dr. Radhika Gupta, Dr. Meenakshi Vaccher, **Dr. Renu Baweja**, Dr. Prabha Arya, Dr. Padmshree Mudgal, Dr. Archana Burman, Dr. Sarita Nanda, Dr. Nitika Kaushal, Dr. Shalini Sen, Dr. Nalini M. Wali, Dr. Radhika Gupta, Dr. Nimisha Sinha, Dr. Vanshika Lumb, **Dr. Rashmi Wardhan**, Dr. Vandana Malhotra, Dr. Taruna Arora, **Dr. Neena R. Wadehra**, Dr. Sadhna Jain, Dr. Leena Vig, Dr. Ravindra Verma, Dr. Anita Mangla, Dr. Anita Sondhi, **Dr. Darshan Malik**, Dr. Anita Goel, Dr. Sarika Yadav, Dr. Kameshwar Sharma, Dr. Neeraj Dohare, Dr. Neeru Dhamija, Dr. Preeti Karwal, Dr. Anju Kaicker, Dr. Kamna Singh
- IV. Working Committee Student Members from Department of Biochemistry –  
Ms Meenakshi Tyagi, Ms Simran Motwani (several of their colleagues also participated)



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**Dr. Suman Kundu, Ph.D.**  
Professor & Head

October 30, 2019

### TO WHOM IT MAY CONCERN

This is to certify that Dr. Rashmi Wardhan, Associate Professor, Department of Biochemistry, Shivaji College (University of Delhi) was a member of the Working Committee for drafting Syllabus for B.Sc. (Hons) Biochemistry in the LOCF-CBCS system for the following papers.

#### Core Papers

Metabolism of Carbohydrate and Lipids  
Gene Organization, Replication and Repair  
Gene Expression and Regulation  
Genetic Engineering and Biotechnology

#### Generic Elective

Recombinant DNA Technology

#### Discipline Selective Course

Plant Biochemistry

**Prof. Suman Kundu**  
**(Head, Department of Biochemistry**  
**University of Delhi South Campus)**

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# Department of Biochemistry

Darshan Malik Working Group Member

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Sarita Nanda	Working Group Member	(Content Size : 8500 Characters)	<a href="#">View Content</a>

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# Department of Biochemistry

Darshan Malik Working Group Member

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SELECT COURSE: Biochemical Correlations of Disease (BCH GE-4) Search

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Simran Motwani	Student	No content added yet	
Meenakshi Tyagi	Student	No content added yet	



Jayita T <jayita.t@gmail.com>

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## LOCF:DU, Standing Committee Meetings on 11th July, 2019

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**LOCF:DU Team** <ugcr2019@du.ac.in>  
Reply-To: "LOCF:DU Team" <ugcr2019@du.ac.in>  
To: Jayita Thakur <jayita.t@gmail.com>  
Cc: suman.kundu@south.du.ac.in

Wed, Jul 10, 2019 at 7:10 PM

All Heads/Deans/Concerned Principals Departments/Faculties/ Concerned Colleges University of Delhi

Dear Sir/Madam

We congratulate you for timely preparation of new LOCF based Under Graduate and Post Graduate Curriculam. We acknowledge preparation and incorporation of suggestions and feedback of more than three thousand faculty members of Departments and Colleges, Hundreds of International and National experts, Industry, Alumni and our own students and approx 1000 stakeholders from academicians, media, publishers, industrialists and general public. This collective effort will definitely lead to a new generation of young graduates with a globally acclaimed best experiential learning.

On 11th July 2019, we shall start with standing committee meetings of Academic Council, I would like that you should ensure the following:

1. As we know that a large number of new Faculty will join Delhi University in next few months; It is important to ensure that at least unit wise chapter numbers from text references e.g. reference book, chapter number or a weekly program defining chapter number and pages from text books or other references.

You will be glad to know that more than 70% of the departments has already done this work related with reading list for the courses . Kindly treat this mandatory as this will also help and ease the fresher students to use syllabus as Reading Reckoner.

Those Departments which have not developed the unit-wise/ chapter-wise readings, are advised to submit the same in the meeting of the Standing Committee/ Academic Council.

2. Please once again check the overlapping of UG and PG syllabus, if any and submit the corrections to Standing Committee/Academic Council.

3. Kindly keep your final PPT ready for presentation in Standing Committee/ Academic Council.

Congratulations once again for ensuring our young students to study the best courses in University of Delhi.

Regards,  
Under-Graduate Curriculum Revision Committee-2019 University of Delhi

## (Mail Received From Head Examiner)

**Vijay K Chaudhary** <vkchaudhary@south.du.ac.in>

**To:** Arpit Kumar, kamanasingh3233@gmail.com, renu baweja, nandita narayanasamy, shalinisen2@yahoo.co.in and 3 more...

**Cc:** Vijay K Chaudhary, amita gupta, suman kundu

Thu, Apr 4, 2019 at 2:12 PM

4<sup>th</sup> April 2019

Dear colleagues,

We have to develop the following papers as per the details below:

Name of the Paper	Name of the Co-ordinator	Name of the teacher representative	Name of the teacher representative	Name of the teacher representative
Physiology* In the ongoing syllabus, it is <b>Human Physiology</b>	Prof. V.K. Chaudhary	Dr. Kamna Singh	<b>Dr. Renu Baweja</b>	Dr. Nandita Narayansamy
Genetic Engineering and Biotechnology	Prof. V.K. Chaudhary	Dr. Shalini Sen	Dr. Rashmi Wardhan	Dr. Bhupinder Kumar

I am not able to create the login and I believe that some of you have also faced the problem. I have written twice to them without any response. Does anyone have a suggestion about this problem?

In the meanwhile, we can communicate through e. mail and then meet. You may send your suggestions to me and I shall get back to you.

I attach herewith the copy of the two papers from the ongoing CBCS course herewith. I also attach I paper for Biochem 0902 which was made last years and is probably based on the current guidelines.

**You may also talk to for clarifications.**

With regards,

Yours sincerely,

Prof. Vijay K. Chaudhary

9811800434

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Vijay. K. Chaudhary, Ph.D

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Please visit Our web site for details about DBT supported-Genomic facility <http://ciidret.du.ac.in/>