

Maharaja Ganga Singh University.

3 Years Under Graduate Full Time

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**SHARDA**  
UNIVERSITY  
*Beyond Boundaries*

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**ADMISSION**

**OPEN 2023-24**

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## REVIEWS

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organisms, including DNA, RNA, and proteins. You will also explore biodiversity, neuroscience, and virology. Your studies will focus on your employability, and you'll be well equipped for a career in the medical, pharmaceutical, or biotechnology sectors.

Eligibility for B.Sc. Honours in Biochemistry

The candidates must have completed their 10+2 from a recognized board. They must have a minimum aggregate marks of 50% in order to be eligible for the program.

Career Opportunities and Job Prospects of B.Sc. Honours in Biochemistry

There are a variety of career options available for people with a bachelor's degree in biochemistry. Most graduates enter the private sector or research labs and eventually go on to work in the pharmaceutical industry or biotechnology. Other job options include teaching and lecturing, the public health sector, and pharmaceutical companies. Those who pursue higher degrees often choose to become researchers or professors. While many employers accept applications from graduates with any subject, a biochemistry degree has an advantage. Graduates develop technical and practical skills through lab work and a final-year research project.

This can lead to a technical or research-oriented position, which is increasingly important for today's economy. Moreover, many employers offer summer internships to biochemistry students, which can help them get their foot in the door and build a network of contacts. After earning your bachelor's degree, graduates of biochemistry can pursue a variety of jobs. These jobs can range from research to teaching and many of them require extensive experience. Other job sectors that are relevant to the field of biochemistry include the pharmaceutical industry, the intellectual property office, and healthcare industries.

Course duration and Fee details of B.Sc. Honours in Biochemistry

The B.Sc Honours in Biochemistry is a three year degree program. The average fees for the completion of program are between 11K to 325K, or it may vary from college to college.

 <b>Campus</b>	 <b>University</b>	 <b>Delivery Mode</b>
Bikaner	Maharaja Ganga Singh University	
 <b>Eligibility</b>	 <b>Duration</b>	 <b>Type of Course</b>
10+2 With Science minimum 50% Marks	3 Years	Under Graduate

Syllabus of Bachelor of Science Honours (B.Sc. Hons.) Biochemistry

1 Year OR 1st & 2nd Semester Syllabus of B.Sc Hons. Biochemistry

S.no	Subjects
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**Master of Technology (M.Tech.) in Computer Science and Engineering**

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**Bachelor of Computer Applications (BCA)**

APPLY NOW



**BBA (Bachelor of Business Administration)**

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**Diploma in Hotel Management Front Office Operation**

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**Bachelor of Science (B.Sc.) Hospitality and Hotel Administration**

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**BBA (Finance)**

APPLY NOW



**MBA (Entrepreneurship)**

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**MBA (Information Technology)**

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**Master of Pharmacy (M.Pharm.) Pharmacognosy**

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**Post Graduate Diploma in Management (PGDM)**

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**Post Graduate Diploma in Management (PGDM)**

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**MBA (Management) of Business Administration**

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1	Basic Chemistry
2	Basic Microbiology
3	Cell Biology
4	Introduction to BioMolecules
5	Technical Biochemistry
6	Proteins
7	Enzymes
8	Inorganic & Physical Chemistry
9	Stereochemistry
10	Microbial Technology
11	Nutritional Biochemistry

### 2nd Year OR 3rd & 4th Semester Syllabus of B.Sc Hons. Biochemistry


S.No	Subjects
1	Metabolism of Carbohydrates and Lipids
2	Metabolism of Carbohydrates and Lipids
3	Membrane Biology and Bioenergetics
4	Hormone: Biochemistry and Function
5	Gene Organization, Replication, and Repair

### 3 Year OR 5th & 6th Semester Syllabus of B.Sc Hons. Biochemistry

S.no	Subjects
1	Concepts in Genetics
2	Gene Expression and Regulation
3	Genetic Engineering and Biotechnology
4	Immunology
5	Practical


## Maharaja Ganga Singh University Highlights

Established in	2003
University Type	State University
Recognized by	UGC , AIU , NAAC , NCTE , BCI ,




**Post Graduate Programme in Management (PGPM)**

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**Doctorate of Medicine (MD) Radiotherapy**

[APPLY NOW](#)




**Master of Science (M.Sc.) Medical Anatomy**

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**Master of Law (LLM)**

[APPLY NOW](#)




**Master of Arts (MA) Journalism & Mass Communication**

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**Diploma in Animation**

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**Master of Veterinary Science (M.V.Sc) in Animal Biochemistry**


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**Master of Veterinary Science (M.V.Sc) in Veterinary Medicine**

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Students also visited




**All India Institute Of Medical Sciences Jodhpur, Jodhpur...**




**Sawai Man Singh Medical College Jaipur, Jaipur...**



**Indian Institute of Information Technology Kota, Kota...**



**Mahaveer College of Commerce, Jaipur, Jaipur...**



**College Hospital Administration, Jaipur, Jaipur...**