



1 महत्वपूर्ण निर्देश IMPORTANT INSTRUCTIONS

- 1.1 ऑनलाइन प्रवेश सम्बन्धी निर्देश विश्वविद्यालय अधिनियम, परिनियम, अध्यादेशों तथा नियमों द्वारा अधिकृत हैं।
The instructions related to the online admissions are given here, which are authorized under the Act, Ordinances, and Rules & Regulations of the University.
- 1.2 **गैप प्रमाण-पत्र** : यदि स्नातक परीक्षा/अर्हता परीक्षा के बाद प्रवेश लेने में अन्तराल हो तो 10रु. के स्टाम्प पेपर पर नोटरी द्वारा निर्गत, अन्तराल के कारण का सत्यापित शपथ-पत्र प्रवेश के समय जमा करना होगा।
Gap Certificate: If there is gap in taking admission after graduation/qualifying examination, then a certificate by the Notary on Rs. 10.00 Stamp paper has to be submitted at the time of admission.
- 1.3 यदि आप आरक्षण (reservation) अथवा शून्य शुल्क (zero fee) का लाभ चाहते हैं तो सम्बन्धित प्रमाण-पत्र का विवरण आनलाइन आवेदन के साथ अवश्य दें। आवेदन पत्र प्रेषित करने के पश्चात् किसी भी अभ्यर्थी को भारण या आरक्षण में परिवर्तन की अनुमति नहीं मिलेगी।
If you want benefit of reservation or zero fees, then give the details of the related certificates during the filling of the Online application form. No candidate will get the permission for any change in weightage or reservation after the form is submitted.
- 1.4 प्रवेश प्रक्रिया की विस्तृत सूचना विश्वविद्यालय की वेबसाइट पर उपलब्ध रहेगी। अभ्यर्थियों को सलाह दी जाती है कि वे विश्वविद्यालय की वेबसाइट नियमित रूप से देखते रहें।
The detailed information of the admission procedure will be displayed on the University website. Candidates are advised to check the University website regularly for updates.
- 1.5 योग्यता सूची घोषित होने पर इसकी प्रति विश्वविद्यालय की वेबसाइट पर देखने के लिए उपलब्ध रहेगी। अभ्यर्थी को स्वयं अपना योग्यता-क्रमांक, योग्यता-सूची से ज्ञात करना होगा। योग्यता-सूची समाचार-पत्रों में प्रकाशित नहीं करायी जायेगी।
After declaration of the merit list, a copy of the list will be displayed on the University website. The candidate himself/herself will find his/her merit number from the merit list. The merit list will not be published in the newspaper.
- 1.6 वे अभ्यर्थी जो अनुसूचित जाति/जनजाति एवं अन्य पिछड़ा वर्ग के हैं तथा उत्तर प्रदेश के मूल निवासी हैं, उन्हें ही आरक्षण का लाभ अनुमत्त होगा तथा अन्य प्रदेशों के अनुसूचित जाति/जनजाति, अन्य पिछड़ा वर्ग के अभ्यर्थी सामान्य श्रेणी के माने जायेंगे।
The benefit of reservation will be permissible only to Scheduled Castes/ Scheduled Tribes and Other Backward Classes candidates originally belonging to Uttar Pradesh. Scheduled Castes/ Scheduled Tribes and Other Backward Classes candidates of other states will be treated as general candidate.
- 1.7 रजिस्ट्रेशन के समय जमा किया गया समस्त शुल्क किसी भी स्थिति में वापस नहीं किया जायेगा।
All fees deposited at the time of registration will not be refunded under any circumstances.
- 1.8 छात्रत्व के दौरान रैगिंग जैसी कुत्सित घटना में सम्मिलित होने पर छात्र के विरुद्ध माननीय उच्चतम न्यायालय के निर्देशानुसार कार्यवाही की जायेगी।
As directed by the Hon'ble Supreme Court, action will be taken against the students who indulge in incidence like ragging during studentship.
- 1.9 वे अभ्यर्थी जो किसी भी विश्वविद्यालय/विद्यालय/संस्था से निष्कासित किये गये हैं अथवा भारतीय दण्ड संहिता के अन्तर्गत अपराधी पाये गये हैं वह लखनऊ विश्वविद्यालय के किसी भी पाठ्यक्रम में आवेदन करने के लिये अयोग्य होंगे।
Those candidates who have been expelled from any University/College/Institution or found guilty under Indian Penal Code are not eligible to apply for any course in the University of Lucknow.
- 1.10 जाति-प्रमाण तथा आय-प्रमाण पत्र वेबसाइट से प्रमाणित किये जायेंगे।
Caste and income certificates shall be verified on internet.



2 सामान्य सूचना GENERAL INFORMATION

2.1 किसी दावे के लिए कोई भी अस्थायी (प्रोविजनल) प्रमाणपत्र स्वीकार नहीं किये जायेंगे।

Provisional certificate in support of any claim shall not be accepted.

2.2 आवेदन पत्र में एक बार भरी गई सूचना/ तथ्यों को किसी भी परिस्थिति में बदलने की अनुमति नहीं दी जायेगी।

No change will be allowed in the information/facts once furnished in the application form.

2.2 दाखिला प्रवेश परीक्षा में प्राप्त अंको के आधार पर लिया जायेगा।

Admissions will be given on the basis of marks obtained in the entrance examination conducted for this purpose.

2.3 Entrance Examination

The entrance test will be of two hour duration and will comprise of three segments. Candidates would have to attempt the question in the serial order as given in question booklet.

2.3.1 Section A

2.3.1.1 This section would comprise of five questions of 5 marks each.

2.3.1.2 Candidates would have to answer all of them in not more than 50 words for each question.

2.3.1.3 This section would account for a total of 25 marks.

2.3.2 Section B

2.3.2.1 This section would comprise of three questions.

2.3.2.2 Candidates would have to answer any two of them in not more than 150 words for each question.

2.3.2.3 Each question will be divided into a minimum of two segments.

2.3.2.4 Each question would be for 15 marks. Therefore this section would account for a total of 30 marks.

2.3.3 Section C

2.3.3.1 This section would comprise of two questions.

2.3.3.2 Candidates would have to answer any one of them in not more than 300 words.

2.3.3.3 Each question will be divided into a minimum of two segments.

2.3.3.4 The question would be for 20 marks. Therefore this section would account for a total of 20 marks.

2.4 योग्यता के क्रम को निम्नलिखितरूप में निर्धारित किया जायेगा :-

Order of Merit will be determined as follows:-

2.4.1 यदि दो या दो से अधिक अभ्यर्थियों ने मेरिट सूची में बराबर अंक/श्रेणी प्राप्त किये हैं तो प्रवेश के लिए मेरिट का निर्धारण निम्नलिखित प्रकार से होगा:-

If two or more candidates have secured equivalent marks/rank in the merit Index, then the merit for admission will be determined as follows:-

2.4.1.1 यदि अभ्यर्थियों के प्रवेश परीक्षा में प्राप्त अंक बराबर हैं तो ऐसी स्थिति में पहली वरीयता उस अभ्यर्थी को दी जायेगी जिसने कक्षा 12 या समकक्ष परीक्षा में उच्चतर प्रतिशत प्राप्त किये हैं।

If the marks secured in the entrance examination are same in such cases first preference will be given to the candidate who secures higher percentage of marks at class 12 or equivalent examination.



- 2.4.1.2** यदि अभ्यर्थियों के कक्षा 12 या समकक्ष परीक्षा में प्राप्त अंक बराबर हैं तो ऐसी स्थिति में पहली वरीयता उस अभ्यर्थी को दी जायेगी जिसने हाई स्कूल या समकक्ष परीक्षा में उच्चतर प्रतिशत प्राप्त किये हैं।
If the marks secured in the class 12 or equivalent examination are same in such cases first preference will be given to the candidate who secures higher percentage of marks at High School or equivalent examination.
- 2.4.1.3** यदि हाई स्कूल में प्राप्त अंक बराबर है तो ऐसी स्थिति में आयु में वरिष्ठ अभ्यर्थी को वरीयता दी जायेगी।
If the marks obtained at the High School or equivalent examination are the same, then in that case the older candidate will be given priority.
- 2.5** अभ्यर्थी एक साथ दो परास्नातक डिग्री पाठ्यक्रमों में अध्ययन नहीं कर सकता है।
A candidate can not pursue two Postgraduate degree courses simultaneously.
- 2.6** योग्यता सूची सम्बन्धित विभाग में उपलब्ध रहेगी तथा इसे विश्वविद्यालय वेबसाइट पर भी देखा जा सकेगा।
Final Merit list shall be available in the concerned Department and same will be available on the University website.
- 2.7** लखनऊ विश्वविद्यालय किसी भी प्रवेश को किसी भी स्तर पर निरस्त करने का अधिकार रखता है।
University reserves the right to cancel any admission at any stage.
- 2.8** प्रवेश से सम्बन्धित किसी भी मामले में लखनऊ विश्वविद्यालय के कुलपति/प्रवेश समिति का निर्णय अन्तिम व बाध्यकारी होगा।
In case of any matter relating to the Admissions, the decision of the Vice-Chancellor/Admission Committee, Lucknow University shall be final and binding.
- 2.9** प्रवेश से सम्बन्धित सभी विधिक मामलों का न्याय क्षेत्र लखनऊ होगा।
All the legal matters pertaining to the Admissions shall be subject to the Lucknow Jurisdiction only.



3 आरक्षण नीति RESERVATION POLICY

3.1 उर्ध्वाधर आरक्षण Vertical Reservation

3.1.1 Scheduled Caste* 21%

अनुसूचित जाति (अधिकतम आरक्षण)

3.1.2 Scheduled Tribe* 2%

अनुसूचित जनजाति (अधिकतम आरक्षण)

3.1.3 Other Backward Classes of U.P* 27%

अन्य पिछड़ा वर्ग (अधिकतम आरक्षण)

*केवल वे अभ्यर्थी जो अनुसूचित जाति/जनजाति एवं अन्य पिछड़ा वर्ग के हैं, उत्तर प्रदेश के मूल निवासी हैं, को ही आरक्षण का लाभ देय होगा तथा अन्य प्रदेशों के अनुसूचित जाति/जनजाति, अन्य पिछड़ा वर्ग के अभ्यर्थी सामान्य श्रेणी के माने जायेंगे।

*Only scheduled caste, scheduled tribes and other backward class candidates originally belonging to Uttar Pradesh will be given the benefit of reservation. Scheduled castes, scheduled tribes and other backward class candidates of other states will be treated as general.

3.2 क्षैतिज आरक्षण Horizontal Reservation

3.2.1 Son/daughter / spouse of LU Teachers/Employees As per University rules

लखनऊ विश्वविद्यालय अध्यापकों/कर्मचारियों के पुत्र/पुत्री/पत्नी/पति

3.2.2 Son/daughter/spouse of LU affiliated Govt./Aided Colleges of Lucknow University and Govt. Ayurvedic College As per University rules

लखनऊ विश्वविद्यालय से सम्बद्ध राजकीय अनुदान प्राप्त महाविद्यालय एवं राजकीय आयुर्वेद महाविद्यालय के अध्यापकों के पुत्र/पुत्री/पत्नी/पति

3.2.3 Physically Handicapped/Disabled 3%

विकलांगों के लिए (including 1% for blinds) (दृष्टि बाधितों हेतु 1% को सम्मिलित करते हुए)

3.2.4 Son / Daughter / Grand Son / Grand Daughter of Freedom Fighters from U.P. 2%

स्वतन्त्रता संग्राम सेनानियों के पुत्र/पुत्री/पौत्र/अविवाहित पौत्री के लिए

3.2.5 Son/Daughter of Retd. Defence Personnel or Physically Handicapped Defence Personnel or Defence Personnel killed in war or Defence Personnel posted in UP. 5%

सेवानिवृत्त भूतपूर्व सैनिकों (स्वयं) अथवा शारीरिक रूप से विकलांग सैनिकों अथवा युद्ध में शहीद हुये सैनिकों अथवा वर्तमान में उत्तर प्रदेश में सेवारत सैनिकों के पुत्र/पुत्री के लिए

3.3 वर्ग प्रमाण पत्र जारी करने हेतु सक्षम अधिकारी

Competent authorities for issuance of certificates

3.3.1 विकलांग जनपद के मुख्य चिकित्सा अधिकारी

Physically Handicapped (3.2.3) Chief Medical Officer of District

3.3.1 स्वतन्त्रता संग्राम सेनानी जिलाधिकारी

Freedom Fighter (3.2.4) District Magistrate

3.3.3 अनुसूचित जाति * जिलाधिकारी, अपर जिलाधिकारी, सिटी मजिस्ट्रेट, परगना मजिस्ट्रेट अथवा तहसीलदार

Scheduled Caste (3.1.1)

District Magistrate, Addtional District Magistrate, City Magistrate, Pargana Magistrate or Tehsildar



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- 3.3.4** अनुसूचित जनजाति *
Scheduled tribes (3.1.2)
- जिलाधिकारी, अपर जिलाधिकारी, सिटी मजिस्ट्रेट, परगना मजिस्ट्रेट अथवा तहसीलदार
District Magistrate, Additional District Magistrate, City Magistrate, Pargana Magistrate or Tehsildar
- 3.3.5** अन्य पिछड़ा वर्ग *
Other backward class (3.1.3)
- जिलाधिकारी, अपर जिलाधिकारी, सिटी मजिस्ट्रेट, परगना मजिस्ट्रेट अथवा तहसीलदार
District Magistrate, Additional District Magistrate, City Magistrate, Pargana Magistrate or Tehsildar
- 3.3.6** आय-प्रमाणपत्र (छ: माह के अन्दर का) *
Income certificate (within 6 months)
- जिलाधिकारी, अपर जिलाधिकारी, सिटी मजिस्ट्रेट, परगना मजिस्ट्रेट अथवा तहसीलदार
District Magistrate, Additional District Magistrate, City Magistrate, Pargana Magistrate or Tehsildar
- 3.3.7** विश्वविद्यालय के अध्यापक/कर्मचारी
Teachers/ Employees of University (3.2.1)
- कुलसचिव लखनऊ विश्वविद्यालय। प्रवेश के वर्ष के 01 मार्च के पूर्व निर्गत यह प्रमाण पत्र मान्य नहीं होगा।
Registrar, University of Lucknow. The certificates issued before 1st March of the year of admission will not be considered.
- 3.3.8** राजकीय अनुदान प्राप्त लखनऊ विश्वविद्यालय से सम्बद्ध महाविद्यालय एवं राजकीय आयुर्वेद महाविद्यालय के अध्यापक
Teacher of the affiliated Govt./Aided Colleges of Lucknow University and Govt. Ayurvedic College (3.2.2)
- महाविद्यालय के प्रधानाचार्य। प्रवेश के वर्ष के 01 मार्च के पूर्व निर्गत यह प्रमाण पत्र मान्य नहीं होगा।
Principal of the college. The certificates issued before 1st March of the year of admission will not be considered.
- * आरक्षण प्रमाण तथा आय प्रमाण पत्र वेबसाइट से सत्यापित किये जायेंगे।
* Caste & Income certificates shall be verified from relevant Government websites.



4 Program Details M.Sc. in Biotechnology

4.1 About the Department

The Department of Biochemistry, Lucknow University is one of the oldest Department imparting education in Biochemistry, since 1956. The Department is presently running M.Sc. programmes in Biochemistry and Biotechnology.

4.2 About the Program

Biotechnology is an upcoming carrier oriented subject which is in high demand having great scope in different areas including industries related to health, agriculture and environmental sector. The students can also be absorbed in academia and national and international research labs.

This is a 4- semester course with 8 weeks summer training. The course content, in brief, include: Biomolecules and Biopolymers; Biophysical Chemistry and Techniques; Biostatistics and Computer Applications; Enzymology; laboratory Course I; Molecular Cell Biology; Microbiology and Metabolic Processes; Molecular Biology I; Immunology I; Laboratory Course II; Molecular Biology II; Principles of Genetic Engineering; Microbial Technology and Bioprocess Engineering; Immunology II; Laboratory Course III; Plant Biotechnology and Tissue Culture; Animal Biotechnology and Cell Culture; Enzyme and Food Technology; Project work; Two months summer training (Entrepreneurship).

The method of teaching includes the combination of lectures and practical/ demonstration by the faculty and guest speakers, seminars, audio-visual presentation, etc. The Department of Biochemistry is well recognized all over the country for its standard of teaching and research. The Department runs M.Sc., Ph.D. and D.Sc. degree programs. The M.Sc. students of this Department have always excelled in the competitive examinations held for the award of research fellowships at national level-UGC-CSIR NET, GATE, etc. The Department is collaborating in research activities with the other departments of the University as well as with national organizations, such as CSIR-Central Drug Research Institute, CSIR-Indian Institute of Toxicology Research, CSIR-National Botanical Research Institute, CSIR-Central Institute of Medicinal and Aromatic Plants, KG Medical University, Lucknow. The Department has earned recognition in the form of financial support from Rockefeller Foundation, UNESCO, PL480, UGC under Special Assistance and COSIST, DST-FIST and DST PURSE programs. Department also has Bioinformatics Infrastructure Facility (BIF) of DBT and Centre of Excellence in Bioinformatics from U P Govt. The major research areas of the department include: (1) Genetic Engineering (2) Metabolic Pathway Engineering (3) Clinical Biochemistry (4) Animal Biotechnology (5) Bioinformatics.

4.3 Eligibility

Bachelor degree under 10+2+3 pattern of education in all disciplines of physical and biological sciences. (Minimum marks: General/OBC 45%, SC/ST 40%)

4.4 Duration

Four semester

4.5 Number of Seats

30

4.6 Fees

Rs. 35000.00 per Semester



5

Helpline

Technical Helpline

0522-4150500

Program Helpline

9415164388



FORM FILLING

- During the form filling process the applicant can make the entries and save the information.
- If the applicant is unable to fill the form in one sitting or somehow the process is interrupted there is no need to register again. They can login using the credentials sent on their mobile numbers and continue the process.
- Applicants are advised to check all the data they have entered before submitting the application fee. If there is some error they can edit these or start the entire process again. Once they have submitted the application fee the data submitted in the registration page cannot be edited under any circumstances.
- **Step 1 Registration**
 - Applicants have to fill the relevant details in the form provided. These fields cannot be edited later.
 - Applicants will receive their login details in the mobile number and email ID provided at the time of registration.
- **Step 2 Personal Details**
 - Applicants have to enter their personal details
- **Step 3 Educational Qualifications**
 - Applicants have to fill their educational qualifications.
 - Those applicants who are in the final year of graduation have to provide roll number and University details.
- **Step 4 Upload photo and signature**
 - Applicants have to upload their photo and scanned signature.
- **Step 5 Preview**
 - Applicants can preview all the entries made at this point. If there is some error they can edit these or start the entire process again. Once they have submitted the application fee the data submitted in the registration page cannot be edited under any circumstances.
- **Step 6 Application Fee**
 - If all the entries in the application form are correct the applicant can submit the form and proceed for payment of the application fees.
 - Form fees can be submitted by any of the following ways
 - Credit Card, Debit Card, Net Banking
- **Step 7 Print Application form**
 - Applicants can print their complete application form and fee receipt to complete the application process.

Data Editing

- Restricted data can be edited by the candidate by logging into the admission website using the credentials sent to their email and registered mobile number. In case the candidate has missed out on the login details they can regenerate their password by clicking on the **forgot password** link and entering their registration number. The new login details will be sent to their registered mobile number. **The data submitted in the registration page and the opted category cannot be edited under any circumstances.**