



# CAREER ENDEAVOUR

Best Institute for IIT-JAM, NET & GATE

## List of Prestigious M.Sc. Courses in Life Sciences

S.No.	Entrance Exam/University	Eligibility at 10/10+2 level	Eligibility at graduation level	Seats Availability	Probable Date of exam
1	<b>IIT- JAM</b>				
	Biotechnology		Biology/ Chemistry/ Physics/ Mathematics	70+	February
	Biological Sciences	Biology at XII level	Biology/ Chemistry/ Physics/ Mathematics	54	February
2	<b>Jawaharlal Nehru University Combined Biotechnology Entrance Exam (JNU-CEEB)</b>		Bachelor's degree under 10+2+3 pattern of education in Physical, Biological, Agricultural, Veterinary and Fishery Sciences, Pharmacy, Engineering/Technology, 4-years B.Sc. (Physician Assistant Course); OR Medicine (MBBS) OR B.D.S. with at least 55% marks.	571	December
3	<b>Jawaharlal Nehru University Campus</b>				
	School of Life Sciences (SLS)		Bachelor's (B.Sc. or B.Tech or equivalent) in Biological, Physical or Agricultural Sciences or Biotechnology under the 10+2+3 pattern of education with at least 55% marks.	38	December

	Special Centre for Molecular Medicine (SCMM)		Bachelor's degree in any branch of Basic or Applied Sciences (including MBBS/ BVSc./B.Pharm) from recognized Universities and Institutes with at least 55% marks	6	December
	School of Environmental Sciences (SES)		B.Sc. degree or equivalent in any branch of basic or applied science under 10+2+3 pattern of education or B.E./B.Tech/MBBS with at least 55% marks	31	December
<b>4</b>	<b>Tata Institute of Fundamental Research (TIFR)</b>				
	MSc Wildlife Biology and conservation		Bachelor's degree in any discipline with at least 60% marks in core subjects and a strong interest in wildlife research and conservation. Graduate nationals for Central, South and Southeast Asian countries, with similar qualifications are also eligible to apply for the exam	Not Available	December
	Integrated Ph.D./MSc		Bachelors in Basic Science (Physics/ Chemistry/ any branch of Biology)	Not Available	December
<b>5</b>	<b>Banaras Hindu University Campus (BHU)</b>				

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Biochemistry		B.Sc. (Hons.) in Biochemistry/ B.Sc. under at least 10+2+3 pattern with Biochemistry as a subject in all the three years of graduation course, securing a minimum of 50% marks in the aggregate in Science subjects (considering all the three years of B.Sc. Course), OR B.Sc. (Hons.) in Chemistry/ Botany/ Zoology/B.Sc. under at least 10+2+3 pattern with Chemistry as a subject in all the three years of B.Sc. Course, securing a minimum of 50% marks in the aggregate in Science subjects (considering all the three years of B.Sc. Course). In addition, the candidate must also have studied any two of the following subjects, viz., Chemistry, Biochemistry, Botany, Zoology, Mathematics, Physics, Geology, Physiology, Microbiology, Biotechnology, Industrial Microbiology at least for two years at Graduate level.	22	June
Bioinformatics		10+2 with Science and (B) Bachelor's degree under at least 10+2+3 pattern in Science/Engineering/Technology, Agriculture/Medicine/Veterinary Science/Pharmaceutics with at least 50% marks in the aggregate (For females only)	Not Available	April
Applied Microbiology		B.Sc (Hons.)/B.Sc. with 10+2+3 pattern with any two of the following subjects: Botany, Zoology, Biotechnology, Microbiology, Chemistry, Industrial Microbiology, Life Science, Environmental Sciences & Secured at least 50% marks in aggregate in the concerned degree	Min: 10; Max: 31	June

	Zoology	B.Sc. (Hons.)/ B.Sc. under at least 10+2+3 pattern securing a minimum of 50% marks in the aggregate in Science subjects (considering all the three years of B.Sc. Course). The subject in which admission is sought must be Hons. subject at B.Sc. (Hons.) level/a subject studied in all the three years at Graduate level. However, for admission to M.Sc. in Botany/ Zoology, a candidate must also have offered <b><u>Chemistry</u></b> as one of the subjects at the Graduate level	51	May
	Botany	B.Sc. (Hons.)/ B.Sc. under at least 10+2+3 pattern securing a minimum of 50% marks in the aggregate in Science subjects (considering all the three years of B.Sc. Course). The subject in which admission is sought must be Hons. subject at B.Sc. (Hons.) level/a subject studied in all the three years at Graduate level. However, for admission to M.Sc. in Botany/ Zoology, a candidate must also have offered <b><u>Chemistry</u></b> as one of the subjects at the Graduate level	51	May

	Forensic Science		Any science graduate under 10+2+3 pattern securing minimum of 50% marks in aggregate and having Botany, Zoology, Chemistry, Physics, Mathematics, Genetics, Microbiology, Biochemistry, Biotechnology, Psychology, Computer Science, Statistics, Forensic Science and Geology as main subject (combination of at least three of the subjects) at the Under Graduate level. OR Any graduate having MBBS/BDS/B.Tech./B.E./B.Pharm degree securing minimum 50% marks in aggregate	Min:10; Max: 31	June
	Molecular and Human genetics		B.Sc. (Hons)/ B.Sc. (10+2+3) OR MBBS OR B.Tech./B.E. (in Biology related disciplines) OR B.Pharma. from recognized University/ Institutes with minimum 55% marks (or equivalent grade points) at the qualifying examinations and not less than 55% marks at 10 and at 10+2 examinations separately.	20	June
6	<b>Hyderabad Central University Campus (HCU)</b>				
	Biochemistry		B. Sc. with a minimum of 60% marks in the aggregate of Science subjects with Chemistry or Biochemistry as one of the subjects	26	June

	Plant biology and biotech		B. Sc. with a minimum of 60% marks in the aggregate of Science subjects with at least one of the following subjects: Chemistry, Botany, Genetics, Microbiology, Biochemistry, Biotechnology.	18	June
	Animal biotech		B. Sc. with a minimum of 60% marks in the aggregate of Science subjects.	18	June
	Biotechnology		Bachelor/s degree under 10+2+3 pattern of education in Physical, Biological, Agricultural, Veterinary and Fishery Sciences, Pharmacy, Engineering / Technology, 4 years B.Sc. (Physician Assistant Course) or Medicine (MBBS) or BDS with at least 55% marks. (NB: The admission is given on the basis of CBEE test conducted by the Jawaharlal Nehru University, New Delhi.)	25	December
	Molecular microbiology		B. Sc. with a minimum of 60% marks in the aggregate of Science subjects with at least one of the following subjects: Zoology, Genetics, Biotechnology, Biochemistry, Botany, Microbiology, Life Sciences	12	June
7	<b>Delhi University (DU)- North Campus</b>				

	Zoology		Entrance: B.Sc. (Hons.) Zoology/B.Sc. (Hons.) Biological Science (50%), B.Sc.(Hons.)/B.Sc. (Pass)/B.Sc. Life Science (60%). Merit: B.Sc. (Hons.) Zoology/ Applied Zoology (60%)	Entrance: 46 ; Merit: 46	June
	Botany		Entrance: B.Sc. (Hons.) Botany/B.Sc. (Hons.) Biological Science (50%), B.Sc.( Genl ./ Prog ) / B.Sc. (Pass) / B.Sc. Life Science (60%). Merit: B.Sc. (Hons.) Botany (60%)	Entrance: 39 ; Merit: 39	June
	Biomedical research		Bachelor's Degree in Biomedical Sciences/Life Sciences/ Zoology/ Botany/ Microbiology/ Chemistry/ Biochemistry/ Environmental/Biology/ Biotechnology/ Laboratory Techniques/ B.Pharm/ B.V.Sc. or M.B.B.S. with at least 55% marks from University of Delhi or any other examination recognized by the University or equivalent thereto. Bachelor's Degree in Biomedical Sciences/Life Sciences/ Zoology/ Botany/ Microbiology/ Chemistry/ Biochemistry/ Environmental/Biology/ Biotechnology/ Laboratory Techniques/ B.Pharm/ B.V.Sc. or M.B.B.S. with at least 55% marks from University of Delhi or any other examination recognized by the University or equivalent there to (common entrance for M.Sc and M.sc-Ph.D. integrated)	46	June
8	<b>Delhi University (DU)- South Campus</b>				

	Genetics		B.Sc. (General) or B.Sc (Hons.) or an equivalent undergraduate degree in any branch of life sciences / physical sciences / chemical sciences / mathematical sciences / medical sciences / pharmacology / any branch of biology / paramedical sciences with 60% aggregate	12	June
	Biochemistry		<b>Entrance:</b> B.Sc. (general) or B.Sc. (Hons) or an equivalent undergraduate degree in any branch of life sciences; <b>Merit:</b> B.Sc. (Hons.) in Biochemistry from University of Delhi after (10+2+3) (60% in both categories)	Entrance: 6; Merit: 6	June
	Microbiology		B.Sc. (Hons.) in Anthropology/Bio-Chemistry/BioPhysics/Bio-technology/Botany/Chemistry/Genetics/Physics/Microbiology/Zoology/Fo rensic Science. B.Sc. in Bio-medical Science/Life Science/Applied Life Sciences/Physical Science/Applied Physical Sciences. B.Pharma, B.Tech in Bio-Technology/M.B.B.S./B.D.S. (55% aggregate)	46	June
	Plant biotech		Biological chemical or physical sciences (60% aggregate)	12	June
9	<b>All India Institute of Medical Sciences (AIIMS), New Delhi</b>				



Anatomy		B.Sc. degree of minimum three years duration in any subject/ Bachelor of Physio-therapy (4½ year course)/ B. Pharmacy/ B.V.Sc/ MBBS/BDS (55% for Gen/ OBC & 50% for SC/ST Categories). Applicants must possess any one of the following qualifications and should have secured at least 60% marks for General/OBC candidates (55% in case of SC/ST candidates) in aggregate in the qualifying examination	5	June
Biochemistry			5	June
Biophysics			5	June
Pharmacology			5	June
Physiology			5	June
Biotechnology		B.Sc. degree of minimum three years duration in any subject/ Bachelor of Physio-therapy (4½ year course)/ B.Tech (Biotech)/B. Pharmacy/ B.V.Sc/ MBBS/BDS (55% for Gen/ OBC & 50% for SC/ST Categories). Applicants must possess any one of the following qualifications and should have secured at least 60% marks for General/OBC candidates (55% in case of SC/ST candidates) in aggregate in the qualifying examination	14	June
Nuclear medicine tech.		B.Sc.in Nuclear Medicine/ Physics/ Chemistry/ Mathematics/ Radio Diagnosis/ Radiotherapy/Life Sciences with Physics as a subject from recognized University	10	June

	Perfusion tech.		Applicants must have B.Sc. with Biology (Botany/ Zoology) or B.Sc. in Perfusion Technology from a recognized University	6	June
<b>10</b>	<b>Jamia Millia Islamia University, New Delhi</b>				
	Biosciences		B.Sc. in any area of Biosciences / Biotechnology with not less than 50% marks in aggregate.	32	May
	Biotechnology		B.Pharma./ B.Sc./ B.Sc. (Hons.) in Biosciences/ Biotechnology/ Biotechnology (Vocational) / Bio-Chemistry/Microbiology /Genetics or in any modern biology with not less than 50% marks in aggregate	32	May
	Bioinformatics	Mathematics at X level	Science/Engineering/Medicine/ Pharmacy with 50% marks in aggregate or equivalent grade	40	May
	Biochemistry		B.Sc./ B.Sc. (Hons.) in any area of Biology or Chemistry (with Biology subject as Subsidiary) with at least 50% marks in aggregate.	32	May
	Biophysics	Mathematics at XII level	Candidate should have passed 3 years B.Sc. examination with Physics, Chemistry, Zoology, Botany, Biochemistry or Microbiology, Mathematics, Computer Science having 55% marks	20	May
<b>11</b>	<b>Jamia Hamdard, New Delhi</b>				

Clinical research		MBBS/ BDS/ BAMS/ BUMS/ B.V.Sc./ B.Pharm/ B.Sc. Nursing /BOT/ BPT/ B.Sc. Medical Lab. Techniques/B.Sc. With Biochemistry/ Biotechnology/ Microbiology/ Zoology /Bioinstrumentaion or any other life sciences/allied health sciences securing at least 45% marks in the aggregate	25	July
Biotechnology		B.Sc. examination from a recognized University in Biological Sciences/B.Sc. (Agriculture)/B.V.Sc with a minimum of 45% marks in aggregate	40	July
Biochemistry		B.Sc. in Biochemistry or equivalent examination in Biological Sciences with Biochemistry or Chemistry as one of the subjects securing at least 45% marks in aggregate	25	July
Toxicology		B.Sc. with any three of the following subjects: Botany, Chemistry, Zoology, Biochemistry, Biotechnology, Microbiology, Environmental Biology or a subject of Life Sciences securing at least 45% marks in the aggregate.	30	July
Botany		B.Sc. or equivalent examination of a recognized university with Botany/Plant Sciences as one of the subjects securing at least 45% marks in the aggregate	30	July