

## DETAILS OF MASTER'S AND PH.D. PROGRAMMES

The Central University of Punjab is offering following Master's Degree Programmes during the **Session 2018-19**:

### (A) Master's Degree Programmes - 2 years (4 Semesters)

Sr. No.	Programme	Eligibility	Revised-Tentative No. of Seats <sup>#</sup>
SCHOOL OF BASIC AND APPLIED SCIENCES			
DEPARTMENT OF ANIMAL SCIENCES			
1.	M. Sc. Life Sciences (Specialization in Animal Sciences)	Bachelor's degree in any branch of Life Sciences with 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	25
DEPARTMENT OF APPLIED AGRICULTURE			
2.	M.Sc. Food Science and Technology	Bachelor's degree in Basic Science / Agriculture Science or Allied Subjects including Food Processing Technology, Food Science and Technology, Food and Nutrition, Food Technology, Dairy Technology, Biotechnology, Agricultural Process Engineering, Chemical/Biochemical Engineering, Veterinary Sciences, Horticulture, Fisheries, etc. streams with 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	15
3.	MBA (Agribusiness)	Bachelor's degree in Agriculture Sciences or in Agriculture related / Humanities, Social Sciences, Pure Sciences, Engineering, Commerce, Management, Design & Planning and Rural Management / Development, etc., disciplines, and related disciplines with at least 55% marks or equivalent CGPA {50% in case of SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.  Agriculture related disciplines include: Agriculture, Agri Business Management, Commercial Agriculture, Agricultural Marketing and Cooperation, Agricultural Engineering, Biochemistry, Biotechnology, Dairy Technology, Fisheries, Food Technology, Food Processing Engineering, Forestry, Horticulture, Sericulture, Home-Science, Veterinary Science & Animal Husbandry and all other streams of Agriculture and Allied subjects.	15
DEPARTMENT OF BIOCHEMISTRY AND MICROBIAL SCIENCES			
4.	M.Sc. Life Sciences (Specialization in Microbial Sciences)	Bachelor's degree in Life Sciences or related field with 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	15
5.	M.Sc. Life Sciences (Specialization in Biochemistry)	Bachelor's degree in Life Sciences or related field with 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	25

<b>DEPARTMENT OF CHEMICAL SCIENCES</b>			
6.	M.Sc. Chemistry	Bachelor's degree in any branch of Sciences with 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} and Chemistry as one of the subject from a recognized Indian or foreign University.	25
7.	M.Sc. Chemistry (Specialization in Applied Chemistry)	Bachelor's degree in any branch of Sciences with 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} and Chemistry as one of the subject from a recognized Indian or foreign University.	15
<b>DEPARTMENT OF COMPUTATIONAL SCIENCES</b>			
8.	M.Sc. Chemistry (Computational Chemistry)	Bachelor's degree in Science with Chemistry as a subject with 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} in aggregate from a recognized Indian or foreign University.	05
9.	M.Sc. Physics (Computational Physics)	Bachelor's degree in Science with Physics and Mathematics as main subjects with 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} in aggregate from recognized Indian or foreign University.	05
10.	M.Sc. Life Sciences (Specialization in Bioinformatics)	Bachelor's degree in any branch of Life Sciences/Pharmaceutical Sciences/ Mathematical Sciences/Computer Sciences (or applications)/Physical Sciences/Chemical Sciences/Veterinary Sciences/Agricultural Sciences/Medical Sciences or an engineering degree in a related stream with 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	15
<b>DEPARTMENT OF MATHEMATICS AND STATISTICS</b>			
11.	M.Sc. Mathematics	Bachelor's degree with Mathematics as main subject with 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} in aggregate from a recognized Indian or foreign University.	25
12.	M.Sc. Statistics	Bachelor's degree with Mathematics/Statistics as a main subject with 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} in aggregate from a recognized Indian or foreign University.	15
<b>DEPARTMENT OF PHARMACEUTICAL SCIENCES AND NATURAL PRODUCTS</b>			
13.	M. Pharm. Pharmaceutical Sciences (Medicinal Chemistry)	Bachelor's degree in Pharmacy or equivalent with 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} marks from a recognized Indian or foreign University and preference will be given to candidates having valid GPAT score.	24*
14.	M. Pharm. Pharmaceutical Sciences (Pharmacognosy and Phytochemistry)	Bachelor's degree in Pharmacy or equivalent with 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University and preference will be given to candidates having valid GPAT score.	18*
15.	M.Sc. Chemical Sciences (Medicinal Chemistry)	Bachelor's degree in Science or equivalent with Chemistry as a subject with 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} in aggregate from a recognized Indian or foreign University.	15
<b>* Seats may vary after the PCI/AICTE extension of approval (2018-19)</b>			
<b>DEPARTMENT OF PHYSICAL SCIENCES</b>			
16.	M.Sc. Physics	Bachelor's degree in Science with 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} in aggregate in Physics and Mathematics as main subject from recognized Indian or foreign University.	25

**DEPARTMENT OF PLANT SCIENCES**

17.	M. Sc. Life Sciences (Specialization in Plant Sciences)	Bachelor's degree in any branch of Life Sciences with 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	25
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**SCHOOL OF EDUCATION****DEPARTMENT OF EDUCATION**

18.	M.Ed.	B.Ed. degree with 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	50
19.	M.A. Education	Bachelor's degree with 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	15

**SCHOOL OF ENGINEERING AND TECHNOLOGY****DEPARTMENT OF COMPUTER SCIENCE AND TECHNOLOGY**

20.	M.Tech. Computer Science & Technology	B.Tech. / B.E. in Computer Science and Engineering / Information Technology / Electronics / Electronics & Communication from a recognized Indian or foreign University/ Graduates (AMIETE/AMIE) from Institution of Electronics and Telecommunication Engineers (IETE) in Computer Science & Engineering with minimum 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} Preference will be given to candidates having valid GATE score.	24
21.	M.Tech. Computer Science & Technology (Cyber Security)		25

**SCHOOL OF ENVIRONMENT AND EARTH SCIENCES****DEPARTMENT OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY**

22.	M.Sc. Environmental Science and Technology	Bachelor's degree in any branch of Science/technology with minimum 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	25
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**DEPARTMENT OF GEOGRAPHY AND GEOLOGY**

23.	M.Sc. Geology	Hons. in Geology at B.Sc. Level/Bachelor's degree with Geology as main subject with 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} in the aggregate in Science subjects from a recognized Indian or foreign University.	15
24.	M.A./M.Sc. Geography	<b>M.A. Geography:</b> Bachelor's degree in arts with Geography as main subject with 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} in aggregate from recognized Indian or foreign University. <b>M.Sc. Geography:</b> Bachelor's degree in Science with Geography as main subject with 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} in aggregate from recognized Indian or foreign University.	15

**SCHOOL OF GLOBAL RELATIONS****DEPARTMENT OF SOUTH AND CENTRAL ASIAN STUDIES (INCLUDING HISTORICAL STUDIES)**

25.	M.A. Political Science	Bachelor's degree with Political Science with 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} in aggregate or Bachelor's degree in any other discipline with 60% marks {55% in case of	15
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		SC/ST/OBC(NCL)/PWD} in aggregate from a recognized Indian or foreign University.	
26.	M.A. History	Bachelor's degree with History with 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} in aggregate or Bachelor's degree in any other discipline with 60% marks {55% in case of SC/ST/OBC(NCL)/PWD} in aggregate from a recognized Indian or foreign university.	15

## SCHOOL OF HEALTH SCIENCES

### DEPARTMENT OF HUMAN GENETICS AND MOLECULAR MEDICINE

27.	M.Sc. Life Sciences (Specialization in Human Genetics)	Bachelor's degree in any branch of Life Sciences/M.B.B.S. or B.D.S. with 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	20
28.	M.Sc. Life Sciences (Specialization in Molecular Medicine)	Bachelor's degree in any branch of Animal/Medicinal Sciences/Life Sciences with 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	20

## SCHOOL OF LANGUAGES, LITERATURE AND CULTURE

### DEPARTMENT OF LANGUAGES AND COMPARATIVE LITERATURE

29.	M.A. English	Bachelor's degree with at least 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} in aggregate with at least 50% marks {45% in case of SC/ST/OBC(NCL)/PWD} in English as optional subject, or 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} in English as compulsory subject from a recognized Indian or foreign University.	20
30.	M.A. Hindi	Bachelor's degree with 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} in aggregate and having studied Hindi as a subject from a recognized Indian or foreign University.	20
31.	M.A. Punjabi	Bachelor's degree with 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} in aggregate and having studied Punjabi as a subject from a recognized Indian or foreign University.	20

## SCHOOL OF LEGAL STUDIES AND GOVERNANCE

### DEPARTMENT OF LAW

32.	LL.M.	Bachelor's degree in Law with 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	20
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## SCHOOL OF SOCIAL SCIENCES

### DEPARTMENT OF ECONOMIC STUDIES

33.	M.A. Economics	Bachelor's degree with 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University and who had studied Economics/Statistics/Management.	25
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### DEPARTMENT OF SOCIOLOGY

34.	M.A. Sociology	Bachelor's degree in any discipline with at least 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} in aggregate from a recognized Indian or foreign University.	15
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## SCHOOL OF INFORMATION & COMMUNICATIVE SCIENCES

### DEPARTMENT OF MASS COMMUNICATION & MEDIA STUDIES

35.	M.A. Journalism & Mass Communication	Bachelor's degree in any discipline with a minimum of 55% marks {50% in case of SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	30
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## SCHOOL OF MANAGEMENT

### DEPARTMENT OF FINANCIAL ADMINISTRATION

36.	M.Com.	Bachelor's degree in Commerce with minimum of 55% marks or equivalent grade {50% in case of SC/ST/OBC(NCL)/PWD} in aggregate from a recognized Indian or foreign University.	30
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#Revised tentative number of seats in anticipation of approval of AC/EC.

#### Note:

- The University reserves the right not to offer the Programme in any particular discipline due to administrative reasons or if the response to the Programme is not adequate (as per AC/EC decision). The decision of the University will be final in this regard.
- The University reserves the right to change the number of seats in any Programme.
- The Reservation/Relaxation will be given as per Government of India/University Rules as adopted by the University time to time.
- This Prospectus is subject to alteration (s) & modification (s) and the same will be notified on University website.
- This Prospectus is for information only and it does not constitute a legal document.
- For detail please visit University website [www.cup.edu.in](http://www.cup.edu.in) or [www.cup.ac.in](http://www.cup.ac.in)

## (A) Ph.D. PROGRAMMES

The following Departments of the Central University of Punjab are offering admission to Ph.D. Programmes commencing from **July, 2018**:

Sr. No	Programme	#Eligibility Criteria	Tentative No. of Seats
<b>SCHOOL OF BASIC AND APPLIED SCIENCES</b>			
<b>DEPARTMENT OF ANIMAL SCIENCES</b>			
1.	Animal Sciences	# Master's degree in any branch of Life Sciences / Veterinary Sciences with minimum of 60% marks {55% for SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	8
<b>DEPARTMENT OF BIOCHEMISTRY AND MICROBIAL SCIENCES</b>			
1.	Microbial Sciences	# Master's degree in Life Sciences or related area with minimum of 60% marks {55% for SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	10
2.	Biochemistry	# Master's degree in Life Sciences or related area with minimum of 60% marks {55% for SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	
<b>DEPARTMENT OF CHEMICAL SCIENCES</b>			
1.	Chemistry	# Master's degree in Chemistry (Inorganic /Organic/ Physical/Analytical/ Medicinal/Applied/Pharmaceutical) with minimum of 60% marks {55% for SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	10
<b>DEPARTMENT OF COMPUTATIONAL SCIENCES</b>			
1.	Computational Sciences	# Master's degree in Life Science, Chemical Sciences, Computer Science & Technology and Computer Applications with minimum of 60% marks {55% for SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	6
<b>DEPARTMENT OF MATHEMATICS AND STATISTICS</b>			
1.	Mathematics	# Master's degree in Mathematics with minimum of 60% marks {55% for SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	8
2.	Statistics	# Master's degree in Statistics with minimum of 60% marks {55% for SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	2

<b>DEPARTMENT OF PHARMACEUTICAL SCIENCES AND NATURAL PRODUCTS</b>			
1.	Medicinal Chemistry	# Master's degree in M.Pharm./M.S.(Pharm.)/M.Sc. or equivalent in Medicinal Chemistry/Pharmaceutical Chemistry/Chemistry with minimum of 60% marks {55% for SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	13
2.	Pharmacy		
<b>DEPARTMENT OF PHYSICAL SCIENCES</b>			
1.	Physics	# Master's degree in Physics/Applied Physics with minimum of 60% marks {55% for SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	15
<b>DEPARTMENT OF PLANT SCIENCES</b>			
1.	Plant Sciences	# Master's degree in Botany, Plant Sciences and allied subjects and Life Sciences with minimum of 60% marks {55% for SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	1

## SCHOOL OF EDUCATION

<b>DEPARTMENT OF EDUCATION</b>			
1.	Education	# Master's degree with minimum of 60% marks {55% for SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	5

## SCHOOL OF ENGINEERING AND TECHNOLOGY

<b>DEPARTMENT OF COMPUTER SCIENCE AND TECHNOLOGY</b>			
1.	Computer Science & Technology	# Master Engineering degree in Computer Engineering, Computer Science & Technology, Information Technology or equivalent with 60% marks {55% for SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	3

## SCHOOL OF ENVIRONMENT AND EARTH SCIENCES

<b>DEPARTMENT OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY</b>			
1.	Environmental Sciences	# Master's degree in Environmental Sciences / Environmental Engineering / Environment Science & Technology / Biotechnology / Botany / Chemistry / Civil Engineering with specialization in Environment / Energy & Environment with 60% marks {55% for SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	2
<b>DEPARTMENT OF GEOGRAPHY AND GEOLOGY</b>			
1.	Geology	# Master's degree in Geology/Earth Science/Geological Science/Applied Geology/Marine Geology with 60% marks {55% for SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	3

## SCHOOL OF HEALTH SCIENCES

DEPARTMENT OF HUMAN GENETICS AND MOLECULAR MEDICINE			
1.	Human Genetics	# Master's degree in any branch of Life Sciences with minimum of 60% marks {55% for SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	11
2.	Molecular Medicine		

## SCHOOL OF LANGUAGES, LITERATURE AND CULTURE

DEPARTMENT OF LANGUAGES AND COMPARATIVE LITERATURE			
1.	English with Specialization in Applied Linguistics	# Master's degree in M.A. (English) / M.A. (Linguistics) with minimum of 60% marks {55% for SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	1
2.	Hindi	# Master's degree in M.A. (Hindi) with minimum of 60% marks {55% for SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	1

## SCHOOL OF LEGAL STUDIES AND GOVERNANCE

DEPARTMENT OF LAW			
1.	Environment Law	# Master's degree in relevant subject with minimum of 60% marks {55% for SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	15
2.	Human Rights Law		
3.	Corporate Law		

## SCHOOL OF SOCIAL SCIENCES

DEPARTMENT OF ECONOMIC STUDIES			
1.	Economics	# Master's degree in Economics with minimum of 60% marks {55% for SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	1
DEPARTMENT OF SOCIOLOGY			
1.	Sociology	# Master's degree in Sociology, Development Studies, Cultural Studies, Gender Studies/Women Studies, Diaspora Studies, Social Exclusion and Inclusion with minimum of 60% marks {55% for SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	11



## SCHOOL OF MANAGEMENT

### DEPARTMENT OF FINANCIAL ADMINISTRATION

1.	Commerce	# Master's degree in Commerce/Finance with minimum of 60% marks {55% for SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	2
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## SCHOOL OF INFORMATION & COMMUNICATIVE SCIENCES

### DEPARTMENT OF MASS COMMUNICATION & MEDIA STUDIES

1.	Mass Communication & Media Studies	# Master's degree in Journalism and Mass Communication with minimum of 60% marks {55% for SC/ST/OBC(NCL)/PWD} from a recognized Indian or foreign University.	2
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## #ELIGIBILITY CRITERIA

(i) The applicant should have a Master's degree in the relevant subject with minimum of 60% marks (55% for SC/ST/OBC/PWD) as detailed above for each programme.

(ii) Candidate must have some financial assistance such as NET-JRF, financial assistance from Govt. agencies {Like Rajiv Gandhi National Fellowship (RGNF), Maulana Azad National Fellowship (MANF) etc.} / Industrial Fellowship and working in CUPB projects with fellowships. NET-JRF will be exempted from test, however they have to appear in the interview.

(iii) Those without any financial assistance may appear in the test. If they qualify, they can be admitted before the issue of next admission advertisement if successful in getting some financial assistance.

(iv) Candidate must ensure that, they should have all the original documents of their respective qualifying examinations at the time of interview and verification of Documents/Registrations.

(v) For the Admission in Ph.D. Programme candidate must fulfill the eligibility criteria on the date of verification of Documents/Registrations.

#### Note:

- The University reserves the right not to offer the Programme in any particular discipline due to administrative reasons. The decision of the University will be final in this regard.
- The University reserves the right to change the number of seats in any Programme.
- The Reservation/Relaxation will be given as per Government of India/University Rules as adopted by the University time to time.
- For detail please visit University website [www.cup.edu.in](http://www.cup.edu.in) or [www.cup.ac.in](http://www.cup.ac.in)