



ENQUIRE

## Master of Science (M.Sc.) Chemistry

[Ranchi University](#)

2 Years



Post Graduate



Full Time



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## Master of Science (M.Sc.) Chemistry

### What is MSc chemistry?

MSC chemistry is a course that includes organic chemistry, inorganic chemistry, physical chemistry, pharmaceutical chemistry, and analytical chemistry. In this, the admission depends on the marks obtained by the candidate in the entrance exam. The average fee required for this course is 20,000 rupees to 2,00,000. And once a student completes their studies in this program, the approximate salary they would get is 4 lacs to 10 lacs per annum. To get depth knowledge of organic chemistry, physical chemistry and nonorganic chemistry, one should get enroll in this course. To pursue this course student should have learning skills and determination to get deep knowledge. As well as student must have scientific and analytical skills.

The best thing about this course is candidate can join this course at any age without any restrictions as there is not any concern about the age restrictions.

Some students prefer pursuing distance education in MSC chemistry; some colleges provide distance education for this program. To be eligible for this distance program in MSC chemistry candidate must have a bachelor's degree from any recognized University. The annual fees required to pursue this course ranges from 12000 to 60000. Parents from any age group can pursue this course as there is no fixed limit for distance learning in MSC chemistry. If you want to know more about the eligibility criteria, entrance examination and future scope than you are at the right place.

### Eligibility criteria for admission in MSC chemistry

There are specific eligibility criteria that an applicant must qualify if they aim to pursue this program of MSc in chemistry.

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**Bachelor of Technology (B.Tech.) in Computer Science Engineering**

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Candidates must have passed the examination of higher secondary levels with a minimum score of 60% from any recognized school or college.

Applicants must have a degree of BSc chemistry ones for BSC chemistry as one of the main subjects with at least 50%.

Few colleges conduct an entrance exam before admissions.

To be eligible for this program, applicants must have cracked the entrance test.

Scope of MSC chemistry

For a few years, MSc in chemistry has been proven as one of the best courses for job scopes. It gives candidates a chance to know the variety of domains of the subject. Once a student completes this course successfully, they can practice as a scientist and work in the education sector. Along with this, they can also do research.

If a student wants to pursue further higher degrees after completing MSc in chemistry can even opt for courses like M.Phil. and Ph.D. in chemistry. Studies are among the most popular methods among students.

Career options and job prospects after MSC chemistry

Any job profiles open after completion of this course of MSc in chemistry in sectors like research labs, laboratories, medical colleges, Pharma industries, etc. The posts offered after this program are of a chemist teacher, pharmaceutical sales executive, synthetic lab scientist, research officer, solid-state chemistry expert, analytical specialist.

Salary Package for students those completed MSC chemistry

Chemist, the average annual salary is 9 lacs.



Clinical research associates the average annual salary is 7 lacs.

Lab assistant average salary is 5 lacs per annum.

Toxicologists, the average salary is eight lacs per annum.

Pharmaceutical sales executive, the average annual salary is six lacs per annum.

So, if you are planning to pursue your course in Biotechnology after graduation than this course is the best approach. After researching all of the content regarding the same, come up with the idea that job profiles and opportunities in this course is very good. As well as the payment is very decent. It will be a great option to pursue your education without thinking twice.

 <b>Campus</b>	 <b>University</b>	 <b>Delivery Mode</b>
Ranchi	Ranchi University	
<b>Eligibility</b>	 <b>Duration</b>	 <b>Type of Course</b>
The candidate must have pursued a bachelor's degree in relevant specialization with 50-60% minimum aggregate.	2 Years	Post Graduate

Syllabus of Master of Science (M.Sc.) Chemistry

Syllabus of MSC chemistry

Year 1

S.No	Subjects
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Master of Social Work

APPLY NOW



Bachelor of Architecture (B.Arch.)

APPLY NOW



Master of Computer Applications (MCA)

APPLY NOW



Bachelor of Computer Applications (BCA)

APPLY NOW



Bachelor of Education (B.Ed)

APPLY NOW



Bachelor of Arts Honours (BA Hons.) English

APPLY NOW



Bachelor of Arts Honours (BA Hons.) Sanskrit

APPLY NOW



Master of Science Agriculture (M.Sc. Ag.) in Crop Physiology

APPLY NOW



Bachelor of Science Honours (B.Sc. Hons.) Agriculture

APPLY NOW



Bachelor of Social Work (BSW)

APPLY NOW



Bachelor of Arts Honours (BA Hons.) Public Administration

APPLY NOW



1	Transition and Non-transition Metal Chemistry
2	Inorganic Reaction Mechanism and Organometallics
3	Inorganic Chemistry Laboratory
4	Organic Reactions Mechanisms
5	Principles of Organic Chemistry
6	Organic Chemistry Laboratory
7	Quantum Chemistry
8	Chemical Dynamics and Electrochemistry
9	Group Theory and Spectroscopy
10	Applications of Spectroscopy

Year 2

S.No	Subjects
1	Principles of Bioinorganic Chemistry
2	Computer in Chemistry
3	Concepts in Organic Synthesis
4	Modern Techniques and Scope of Chemical Biology
5	Classical and Statistical Thermodynamics
6	Physical Chemistry Laboratory

Ranchi University Highlights

Established in	1960
University Type	State University
Recognized by	UGC , AICTE , AIU , NAAC , NCTE , BCI , INC , MCI ,
Courses	61



**Bachelor of Commerce Honours (B.Com. Hons.)**

APPLY NOW



**Bachelor of Education (B.Ed)**

APPLY NOW



**Bachelor of Commerce (B.Com.)**

APPLY NOW



**Master of Commerce (M.Com)**

APPLY NOW

Students also visited



**Indian Institute of Information Technology, Ranchi (IIIT Ranchi), Ranchi...**



**The Institute of Chartered Financial Analysts of India University, Ranchi (ICFAI University, Ranchi), Ranchi...**



**Central University of Jharkhand, Ranchi...**



**Birla Institute of Technology, Ranchi...**



**Sai Nath University, Ranchi...**



**Sarala Birla University, Ranchi...**



**Radha Govind University, Ramgarh...**



**Ram Krishna Dharmath Foundation University, Ranchi...**



**Ramchandra Chandravansi University, Palamu...**



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