MSc Organic Chemistry

Overview

MSc Organic Chemistry is a postgraduate degree which is generally offered as a 2-year course. It aims to familiarize students with the various chemical analytical principles, catalytic application and photochemical reactions amongst other concepts. It primarily emphasizes on organic compounds and various related processes like reactivity of the molecules, application and association with other inorganic molecules. A course that is increasingly valued with surging importance of organic chemistry in the fields of pharmacy and research, MSc Organic Chemistry is the right course for you if you aim to gain an advanced-level understanding of this field and are intrigued by the functioning of organic molecules.

Eligibility Criteria

Before enrolling for a course like MSc in Organic Chemistry, it is imperative to be aware of the eligibility criteria that you need to qualify. These criteria are decided by the universities to evaluate the skills, adeptness and suitability of the individual for the course. Listed below are the general eligibility requirements that a prospective candidate has to meet to qualify for MSc Organic Chemistry.

- **The student should have completed their graduation with BSc Chemistry or any other related discipline and with the minimum percentage of marks made mandatory by their chosen academic institution.**
- **Students wishing to study this postgraduate course abroad would have to necessarily undertake an English proficiency test like IELTS, TOEFL etc. Further, you will also have to provide GRE scores and submit an SOP, LORs and other admission essays.**

Note: ***The aforementioned requirements are only for indicative purposes. Students are advised to check the official website of their chosen university to know the actual course and admission requirements.***

Course Structure and Subjects

As a postgraduate program, MSc Organic Chemistry encompasses the study of advanced-level concepts covered during a bachelor's degree in Chemistry. The program offers many cores and electives which are carefully balanced to ensure that the fundamental concepts become vividly clear to the undertakers and the electives expand the scope of the course as well as encourage students to steer towards a career in Research. Some major subjects that are covered in the course are mentioned below.

- **Organic Chemistry**
- **Inorganic Chemistry**
- **Physical Chemistry**
- **Bioorganic Chemistry**
- **Natural Products**
- **Pharmaceutical Chemistry**
- **Organic Spectroscopy and Synthesis**

Top Universities for MSc Organic Chemistry

There are many universities across the world which offer specialised MSc programs in Chemistry. Are you facing the dilemma of which university to opt for? To help you in your research, we have enlisted the best globally accredited Universities which offer MSc in Organic Chemistry:

University	Country
Stockholm University	Sweden
Cardiff University	United Kingdom
University of Central Lancashire	United Kingdom
McGill University	Canada
University of Oxford	United Kingdom

University of Manchester	United Kingdom
University of East Anglia	United Kingdom
Universitat de Barcelona	Spain
Universidad Autonoma de Madrid	Spain
University of California Berkeley	United States of America

Career Prospects

Successful graduates completing MSc Organic Chemistry can explore a plethora of career opportunities in various sectors. Many decide to pursue further educational qualifications like PhD in Chemistry or other research-oriented courses while some might decide to take on the stimulating challenges in the world of research and academia. There are multiple avenues to choose from for an Organic Chemistry graduate. Enlisted below is a list of sought-after jobs for an MSc Organic Chemistry graduate.

- **Organic Chemistry Professor**
- **Research Chemist**
- **Synthetic Organic Chemist**
- **Analytical Chemistry Associate**
- **Research Associate**

Some MSc Organic Chemistry employability areas are as follows:

- **Petrochemical Companies**
- **Plastic and Polymer Companies**
- **Pharmaceutical Companies**
- **Metallurgical Companies**
- **Agrochemical Industry**
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