



CHEMISTRY

MS AND PhD PROGRAMMES

ADMISSION CRITERIA

Admission is purely merit-based and rests solely on the following criteria:

- Academic record
- GRE or LUMS Graduate Admission Test performance*
- Interview performance (if called)

* For admission test details, visit <https://admission.lums.edu.pk/graduate-programmes>

FINANCIAL SUPPORT

- Loan Options
- Merit Scholarships
- External Scholarships (if available)
- Teaching Assistantships (if available)
- 100% Scholarship for PhD students
- Generous Tuition Fee Waiver for all MS Basic Sciences Students

* For details, visit <https://financial-aid.lums.edu.pk>

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✉ admissions@lums.edu.pk
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LUMS

SYED BABAR ALI SCHOOL OF SCIENCE AND ENGINEERING
(SBASSE)

Why Chemistry?

An outstanding academic environment at the Department of Chemistry and Chemical Engineering upholds Chemistry as an integrated subject sans traditional boundaries. In the near future, the Department of Chemistry and Chemical Engineering is also expected to initiate its research intensive Chemical Engineering programme to educate tomorrow's leaders in modern Chemical Engineering.

The diverse group of research-active faculty members at the department, in addition to traditional areas of chemical sciences, work on interdisciplinary research projects interfacing Chemistry with various fields, including Biology, Medicine, Physics, Environmental and Material Science and Engineering.

PROGRAMMES OFFERED MS | PhD

DID YOU KNOW?



Students have access to advanced technology platforms and high-tech equipment, currently unavailable anywhere else in Pakistan



Highly sought after graduates for both technical and managerial careers

RESEARCH OPPORTUNITIES

- MS and PhD students are exposed to a research environment supported by international collaborations with prominent national and international research groups in USA, UK, Germany, Switzerland, Turkey, China and Saudi Arabia
- Extensive research in the fields of Nanoscience and Nanomedicine, Cancer Therapeutics, Drug Discovery and Delivery, Synthetic Organic Chemistry, Green Chemistry and Catalysis, Renewable Energy, Polymers and Nanocomposites, Organometallic Chemistry, Electronic Materials, Natural Product Chemistry, Biomass Conversion and Environmental Chemistry
- Students work closely with faculty who have published research articles in highly prestigious and high impact international journals including Nature, Nature Materials, Advanced Materials, Angewandte Chemie International Education, Journal of the American Chemical Society, Nano Letters, ACS Journal of Medicinal Chemistry etc.

CAREER OPPORTUNITIES

- Our graduates have been accepted in fully funded PhD programmes at top international universities
- Our graduates are in high demand in the academic sector of Pakistan

FACILITIES

- State-of-the-art laboratories include latest experimental facilities and equipment
- Laboratories include a vast collection of equipment including spectroscopic, structural and materials characterisation tools



"Being an avid Chemistry student, I always craved for an environment where I could explore more avenues in the subject and broaden my scientific approach. LUMS provided me with state-of-the-art laboratories and world-class faculty who is involved in cutting edge research and whose mentorship has equipped me with contemporary standards and entrenched a scientific attitude in me."

Waseem Afzaal
MS Chemistry 2016