

# UNDERGRADUATE PROGRAMMES

FALL 2019



LUMS





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## MESSAGE FROM THE DEAN, OFFICE OF STUDENT AFFAIRS

As the Dean, Office of Student Affairs here at LUMS, it is the aim of my Office to ease the transition of adapting to life at LUMS, to provide support and guidance to YOU, the students, during your academic journey and make it a great one.

The five Schools at LUMS, each of which is recognised for its academic and research quality in Pakistan and the region, offer undergraduate students a variety of majors and minors. Some of you have a clear sense of what you want in the future, however, we encourage you to explore the wide-range of interdisciplinary programmes, consider your options, and take risks, and above all, make the most of your time at LUMS.

You can engage in many rich and varied extracurricular activities, ranging from athletics to writing to music. The University will offer you a whole range of clubs and societies to pick from in terms of sports, drama, music, and presents overall, a vibrant campus life.

We urge you to see yourselves as part of the world beyond the campus gates, and to gear your learning toward serving others. I hope that through these interactions, we will be able to learn from each other and help develop a vibrant and thriving community.

The Office of Student Affairs is always available to address any concerns regarding campus life and academic issues that you may face. Our talented faculty and staff is there to provide information, assistance and advice.

My team and I look forward to welcoming those who will be joining the campus as Luminites.

**Dr. Adnan Khan**  
Dean, Office of Student Affairs



## MESSAGE FROM THE STUDENT COUNCIL PRESIDENT

Coming from a less privileged family and region, it was a challenge to adjust in a new environment like LUMS. I was struggling to survive, I felt alienated to the point where I had lunches and dinners alone in the cafeteria. But it did not break me and I decided to challenge myself. LUMS inculcated in me a confidence that I did not know I had and needed. I was privileged enough to have the support of faculty and my seniors who were there for me every time I needed them. It is because of them that I am here today.

When I wake up and walk to my classes, part of me still remembers those days and it makes me anxious that there might be someone on campus who is going through the same phase and emotions like I did. I want to help those, who feel alone, who feel misunderstood and who have no one to talk to. I want to assure you that there is nothing and no one who can tell you not to push beyond your limits. The trust vested in me by the student body as the Student Council President allows me to take care and nurture everyone at LUMS to help them transition into this fast-paced university life.

I do not want to leave this place without leaving an impact. I want to initiate a cultural change at the campus where we all, regardless of our previous experiences, feel welcomed and owned by the community.

The Student Council will be there to support you, facilitate you and help you overcome the barriers, find acceptance and achieve excellence. Don't be scared to embrace your identity wholeheartedly. You are going to be an integral and valued part of our LUMS community. Welcome aboard.

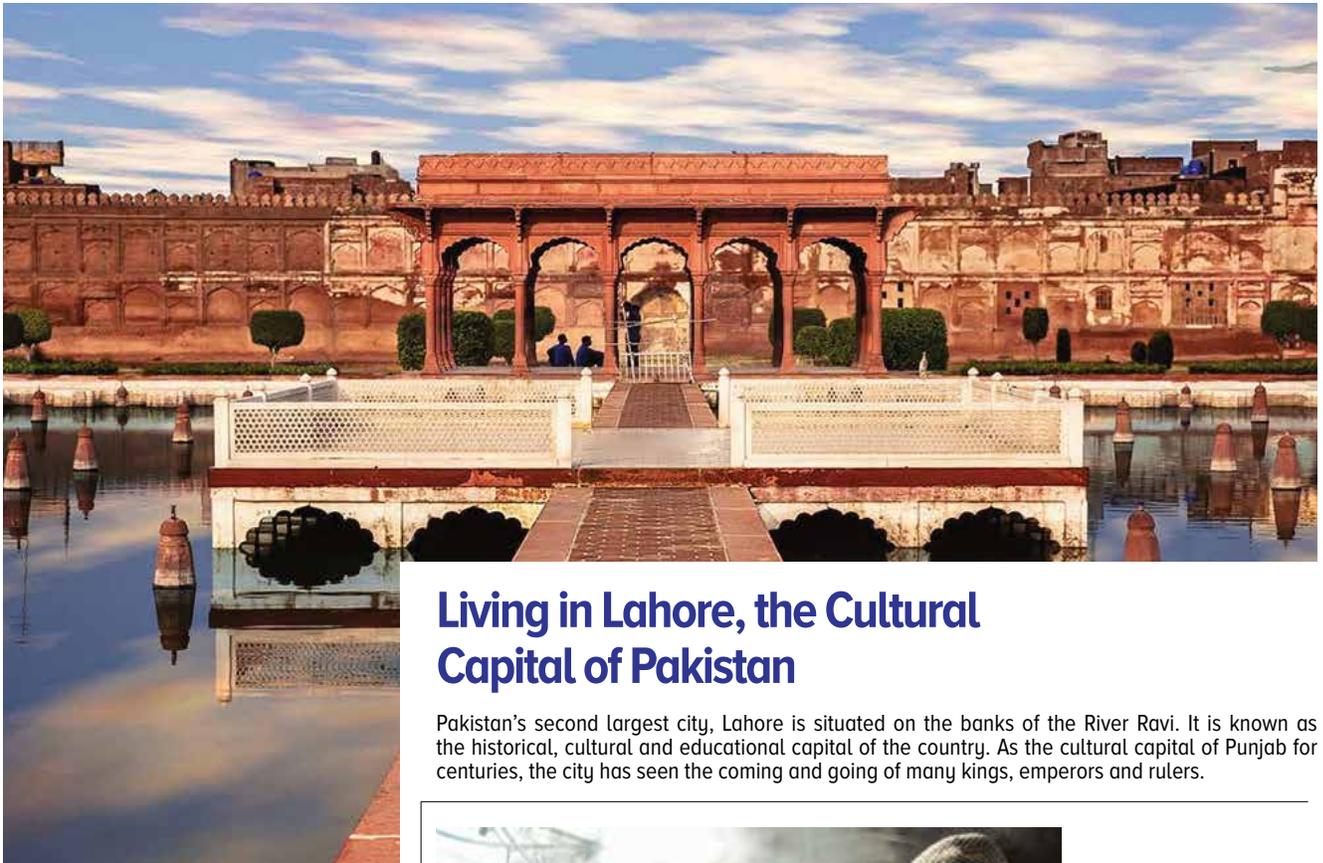
P.S. Feel free to bug me anytime you see me on campus, without any hesitation.

**Hattaf Ayub**  
Student Council President 2018-19





# IT'S ALWAYS SUNNY IN LAHORE



## Living in Lahore, the Cultural Capital of Pakistan

Pakistan's second largest city, Lahore is situated on the banks of the River Ravi. It is known as the historical, cultural and educational capital of the country. As the cultural capital of Punjab for centuries, the city has seen the coming and going of many kings, emperors and rulers.

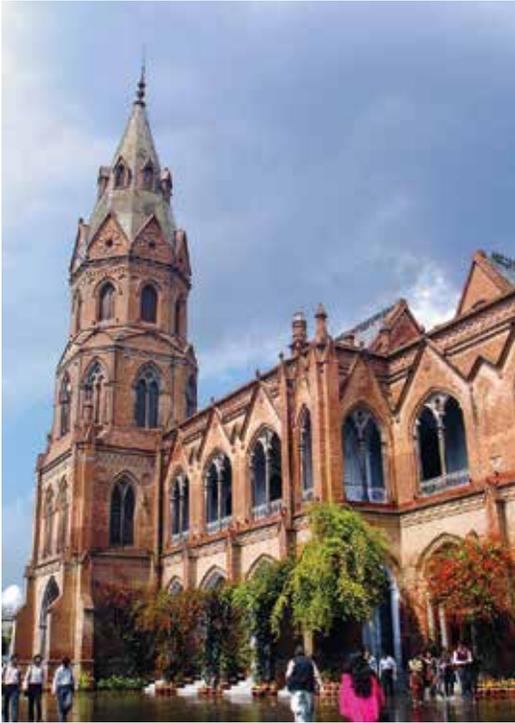
### History

The city is famous for its historical landmarks. The Lahore Fort, Badshahi Mosque and Gurdwara are a testament to the Mughal and Sikh legacy of the city. The Mall Road is famed for its colonial buildings from the British Raj.



### Food

The city is famed for its wide variety and styles of food. Food streets at Gawalmandi and Anarkali are two good junctions for traditional food dishes, while restaurants and cafes offering continental as well as local dishes, can be found at M. M. Alam Road, Gulberg and Y-Block, Defence.



## Education

Lahore is also the centre of higher education in Pakistan. The University of the Punjab, Government College University, Kinnaird College for Women University and King Edward Medical College are some of the oldest and most prestigious institutes in the Country. Lahore University of Management Sciences quickly proved its mettle amongst these educational giants.



## People

Lahoris are friendly, generous and hospitable and their zest for life and food is well known. The people of Lahore like to claim that "One who has not seen Lahore, has not lived."



## Sports

The people of Lahore are sports enthusiasts. They share a love for hockey, cricket, golf, polo and football among several others. Numerous clubs and playgrounds dot the city landscape.



## Entertainment

Lahore is a lively happening place, catering to all forms of recreation. From gardens to historical sites to food and drama festivals to cinemas, it has a lot to offer in terms of entertainment.



## Cultural Activities

Lahore has a host of social activities ongoing all year round, which include arts and crafts exhibitions, film and literature festivals, concerts and much more.

# A DAY AT LUMS



## Living on Campus

♂ 7 MALE HOSTELS      ♀ 5 FEMALE HOSTELS

Campus accommodation at LUMS truly provides a home away from home. With everything close by, you have access to all the primary facilities and other social accessories. From separate male and female dorms to diverse food outlets, from a state-of-the-art swimming pool to excellent sports facilities, and ATMs, from a superstore to emergency medical services, from first class gyms to library facilities, LUMS offers a complete ecosystem to

all community members within easy and efficient reach.

Living on campus is a great way to experience university life. Our residential support teams are always there to assist with your transition to campus living and help you make the most of your university experience. LUMS on-campus accommodation is available to all outstation students.

#LUMSLife



## LUMS Life

University life can be as exciting as you want it to be. Real knowledge is not just gained in a classroom! At LUMS, we encourage you to interact with peers and discover passions and opportunities you never thought existed. We provide you the ideal environment for practical learning. We encourage you to get involved in clubs and societies, make new friends, and volunteer at a University event. Make the best of the unique experience that LUMS has to offer.



## Staying Fit

At LUMS we believe that an active and healthy body is as vital as a brilliant mind. To make sure that you stay healthy and active, the University has the finest sports facilities for you.

The pride and joy of the LUMS Community, the Syed Maratib Ali Sports Complex, houses the most modern male and female gymnasiums, four squash courts, an indoor basketball court, four badminton courts, and an indoor volleyball court. We also

provide you with outdoor sports facilities, which include two volleyball courts, two tennis courts, a football ground and a cricket field.

The LUMS Coca-Cola Aquatic Centre, an international standard indoor swimming pool built in line with FINA specifications (25 metres length), is operational throughout the year and is certified for national and international competitions.



## Dining

At LUMS, we offer you many on-campus dining choices. Let yourself go beyond books and lectures and enjoy the choices of eateries that LUMS has to offer. The Pepsi Dining Centre (PDC) is at the heart of the University and offers a diverse variety of meals and snacks at affordable prices but if you are up for something different, the University also offers other places to dine and unwind.

Bombay Chowpatty  
Jammin Java  
Subway  
Zakir Tikka  
Super Store  
Khokha  
Juice Zone  
Cupcake Lounge  
Chop Chop



## Studying

The Library serves as a centre for information and knowledge for the faculty, researchers and students with its wide-range of collections, dedicated staff, high-quality infrastructure and online services. It is open for anyone and everyone who seeks to benefit from this repository of knowledge.

**268,000**  
Print books

**180,000**  
Electronic books

**2,500**  
Audio visuals

Subscription of **350** print journals

Off-campus access to over **36,000** full-text online journals ranging from the 1800s to the present

Access to **e-libraries** of WB, UN, IMF, EU, and ADB publications

More than **25** major Pakistani **business and social science periodicals** available in the Pakistan Periodicals Index database

**2,572,484** (7,048/daily) annual searches and downloads of research papers from e-databases during the year 2017-18

## Coffee Lounge

You can unwind, relax and have a cup of coffee while you read or discuss research or general topics with your friends at the coffee lounge on the first floor of the library.

## Learning, Research and Scholar's Common

Dedicated library corners provide access to the latest devices such as kindles, scanners, printers and multimedia where you can study in a group, discuss or prepare presentations, develop your research and work on your projects.

# YOUR SUPPORT SYSTEM

## How LUMS Keeps You Safe



The LUMS campus is adjacent to the Defence Housing Authority, a well developed suburb of Lahore with shops, restaurants, hospitals and other facilities amidst a thoroughly safe and well-guarded infrastructure. In addition, LUMS has its own extensive, foolproof security system in place for the safety and security of its community.

We provide a range of security services to ensure that all our members are safe at all times. These include a 24-hour security system, armed security personnel and a 24/7 Control and Surveillance Room.

## Student Counselling

As you take your first steps in your university life, it can feel exciting and exhilarating. However, it can come with its own set of challenges and hardships. To provide you with a smooth transition into the fast-paced university life and to make your four years less stressful, the LUMS student counsellors offer you a range of services. They are here to help you cope with studies, stress, anxiety and emotional problems.

Your mental health is important to us; apart from counselling, LUMS offers its students cognitive behaviour therapy, advanced clinical hypnosis, Reiki and mindful meditations, free of cost.



## Health and Wellness Centre



LUMS takes great strides to ensure that you are healthy and happy. This year, the University collaborated with National Hospital and Medical Centre (NHMC), Lahore, to build an on-campus Health and Wellness Centre, which comprises a doctor and two staff members, beds for patients, basic emergency equipment, basic medicines and an active ambulance service. The facility is active 24 hours, 7 days a week, inclusive of national holidays. The Centre caters to all first aid medical situations on campus, while those that require further treatment or diagnosis are immediately referred to NHMC.

## Emergency Medical Services

Established in 2011, with a student volunteer group of more than 60 professionally trained members, the LUMS Emergency Medical Service (EMS) is a one of its kind organisation, run by students, for the health and welfare of the student body. The service provides free, 24 hours, pre-hospital treatment to a list of emergencies - from small bruises to multiple fractures. The aim of EMS is to work tirelessly and relentlessly for you to ensure that no medical emergency goes unattended on campus.





## Career Counselling

The University provides you dedicated career support and guidance, through and after graduation. The Career Services Office (CSO) works to connect you with mentors, industry leaders and professionals to help plan and apply for your best career fit as well as higher education opportunities.

The Office regularly invites admission officers from top-class international universities to conduct information sessions for higher studies. A range of mentoring and recruiting activities help you stay connected with industry dynamics throughout your time at LUMS.

## Student Clubs and Societies

Over 38 student-run clubs and societies organise activities, events, competitions, productions, get-togethers, seminars, camps, conferences and more for fellow students from LUMS and other institutes from across the country. Academic, cultural, spiritual and special interest clubs and societies put you in touch with a like-minded yet diverse community.

There is a wide variety of clubs and societies to choose from:

- AIESEC
- Alpha Society
- Amnesty International
- Chess Society at LUMS
- Debates and Recitation Society at LUMS
- Dramatic Society of LUMS
- Feminist Society at LUMS
- Finance Society at LUMS
- E-Sports at LUMS
- IEEE LUMS Student Chapter
- Index-The Design Society at LUMS
- LUMS Arts Society
- LUMS Culture Society
- LUMS Consultancy Group
- LUMS Culinary Club
- LUMS Religious Society
- LUMS Model United Nations
- LUMS Community Service Society
- LUMS Adventure Society
- LUMS Media Arts Society
- LUMS Students Math Society
- LUMS Society of Professional Accountancy
- LUMS Daily Student
- LUMS Literary Society
- Law and Politics Society
- LUMS Entrepreneurial Society
- LUMS Environmental Action Forum
- LUMS Photographic Society
- Music Society at LUMS
- Publications at LUMS
- Psychology Society at LUMS
- Sports at LUMS
- ShARE at LUMS
- SPIE LUMS Chapter
- SPADES
- The Economics Society
- Hum-Aahang
- Style at LUMS

# SCHOOLS AT LUMS

## SULEMAN DAWOOD SCHOOL OF BUSINESS

If you wish to develop the expertise to make a real difference in the business world by developing your leadership skills and revolutionising business practices, Suleman Dawood School of Business (SDSB) is the place for you. It pursues a multidisciplinary pedagogical philosophy and maintains a close relationship with the industry.

### Learning Environment

- Ranked among the **top 300** business schools in the world according to **QS World University Rankings by Subject 2017**
- **73%** of faculty are **PhDs from world renowned universities**
- Awarded full accreditation by the **National Business Education Accreditation Council**, Higher Education Commission, Pakistan
- Partner case study contributor to **Harvard Business Publishing** website

### BY THE NUMBERS

In the last three years, about **40 undergraduate students** have been **placed at top international firms** such as **McKinsey & Company, Bain & Company** and **Pricewaterhouse Coopers**

SDSB offers **2 minors**:

- Public Management
- Computational Finance

SDSB offers **51 electives** at the undergraduate level





## BSc (Honours) Accounting and Finance

The Accounting and Finance (ACF) programme will provide you the basis from which to continue your studies for a professional degree or serve as a valuable foundation for careers in business and management. You will be prepared for careers in auditing, corporate accounting, management consultancy, government, not-for-profit organisations and taxation. The broad-based curriculum will equip you with tools of intelligent analysis, planning, control and decision-making.

You can combine a variety of complementary courses, while having the flexibility of selecting courses that suit your needs and interests. Following a specific track of courses will help you prepare for different professional certifications. You can follow five tracks of courses to prepare for professional certifications.

### Tracks



BSc ACF graduates are exempt from the foundation level courses (F1-9) of the ACCA qualification. SDSB also has an MOU with ACCA which offers you the opportunity to sit for professional exams during your degree.



The BSc ACF degree provides you with the opportunity to prepare for the fellowship of the Society of Actuaries. In addition, you may also claim exemption from three papers of the US Society of Actuaries.



LUMS is a specified degree awarding institute of the Institute of Chartered Accountants of Pakistan (ICAP). BSc ACF graduates are eligible for exemptions from the first two stages of the Chartered Accountant qualification awarded by ICAP.



ICAEW has awarded LUMS and the SDSB BSc Accounting and Finance programme with exemptions for the below ACA papers.



LUMS is a regional partner of the CFA programme, which partners with globally diverse, high profile institutions. These institutions cover at least 70% of the CFA content, upholding the CFA Code of Ethics and Standards of Professional Conduct in their degree programmes.

- Accounting
- Assurance
- Business and Finance
- Management Information

The students will be required to achieve a minimum mark of 50% in all modules listed above. The credits claim option is available to students from the 2016 batch onwards and is subject to compliance/standard conditions of approval which are imposed from time to time.

### Careers

The programme will provide you with a solid foundation to pursue professional qualifications for careers in business and management. Some of our graduates are employed as:

- Financial Analysts
- Financial Advisors
- Research Associates
- Assistant Fund Managers
- Auditors
- Banking Executives
- Equity and Bond Traders





## BSc (Honours) Management Science

The BSc degree in Management Science (MGS) is designed to prepare you to use business analytic theories and methods to make significant contributions in solving managerial and technical problems. You will be trained with skills such as translating business problems into analytical problems, developing logical models, managing big volumes of data, evaluating data for solutions across business functional areas, and interpreting solutions for managerial decision-making.

### Careers

The skills acquired will equip you for competitive roles in manufacturing companies, consultancy firms, health, telecom, energy and transport service providers and government owned organisations. Many of these roles include:

- Business Analysts
- Operations Analysts
- Data Quality Specialist
- Support Analyst
- Business Intelligence Developer
- Production and Inventory Managers
- Project Managers
- Risk Analysts
- Systems Analysts
- Supply Chain Analysts



**SDSB GRADUATES  
LOCAL SALARY**  
PER MONTH IN PKR

<b>AVERAGE</b>	<b>HIGHEST</b>
<b>57,000</b>	<b>147,000</b>



**SDSB GRADUATES  
INTERNATIONAL SALARY**  
PER MONTH IN USD

**AVERAGE**  
**3,033**



*“LUMS doesn’t just offer a degree, it actually offers an entire package of academic and non-academic grooming. So while academics is a regular part of a student’s life, extra-curricular events make students explore different aspects of their personalities. It is not only a business degree that I have secured from LUMS, but through the diverse offerings at the University, I learnt how societies that we dwell in have evolved, what sustains them, what philosophical debates circulate in the current age and how different types of business activities contribute to the development of our societies.”*

**Hamza Kamran**  
BSc Honours MGS 2018

# MUSHTAQ AHMAD GURMANI SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

The Mushtaq Ahmad Gurmani School of Humanities and Social Sciences (MGSHSS) is dedicated to the advancement of knowledge through excellence in teaching and research.

It currently consists of two departments:

- Economics
- Humanities and Social Sciences (HSS)

Our faculty has received training at leading universities of the world, and is committed to providing you with a rigorous and innovative Humanities and Social Sciences education of the highest international standards. As you step into MGSHSS, you will be taught by faculty members who are deeply engaged with local realities. They have altered the way in which the Social Sciences and the Humanities are taught in Pakistan. Their passion and commitment is reflected in the vibrant intellectual culture of the School, and translate into teaching that is truly transformative.

The School has an innovative curriculum that is being modified to include a core curriculum, which aims to feature a strong liberal arts component. We believe that an MGSHSS Undergraduate student should acquire knowledge by delving into works on Politics, Scientific Reasoning, Sociology, Economics, Culture, Religion, Art, Literature, and Aesthetics. Our endeavour remains to create a learning environment that is not merely about vocational training, but about educating a citizenry that understands each other, recognises differences of all kinds, and yet works together to create a tolerant and socially just society. We are confident that, equipped with these skills, as you graduate, you will be able to overcome all challenges you may be faced with, whether you plan to work in the public sector, the private sector, non-governmental organisations, or in academia.

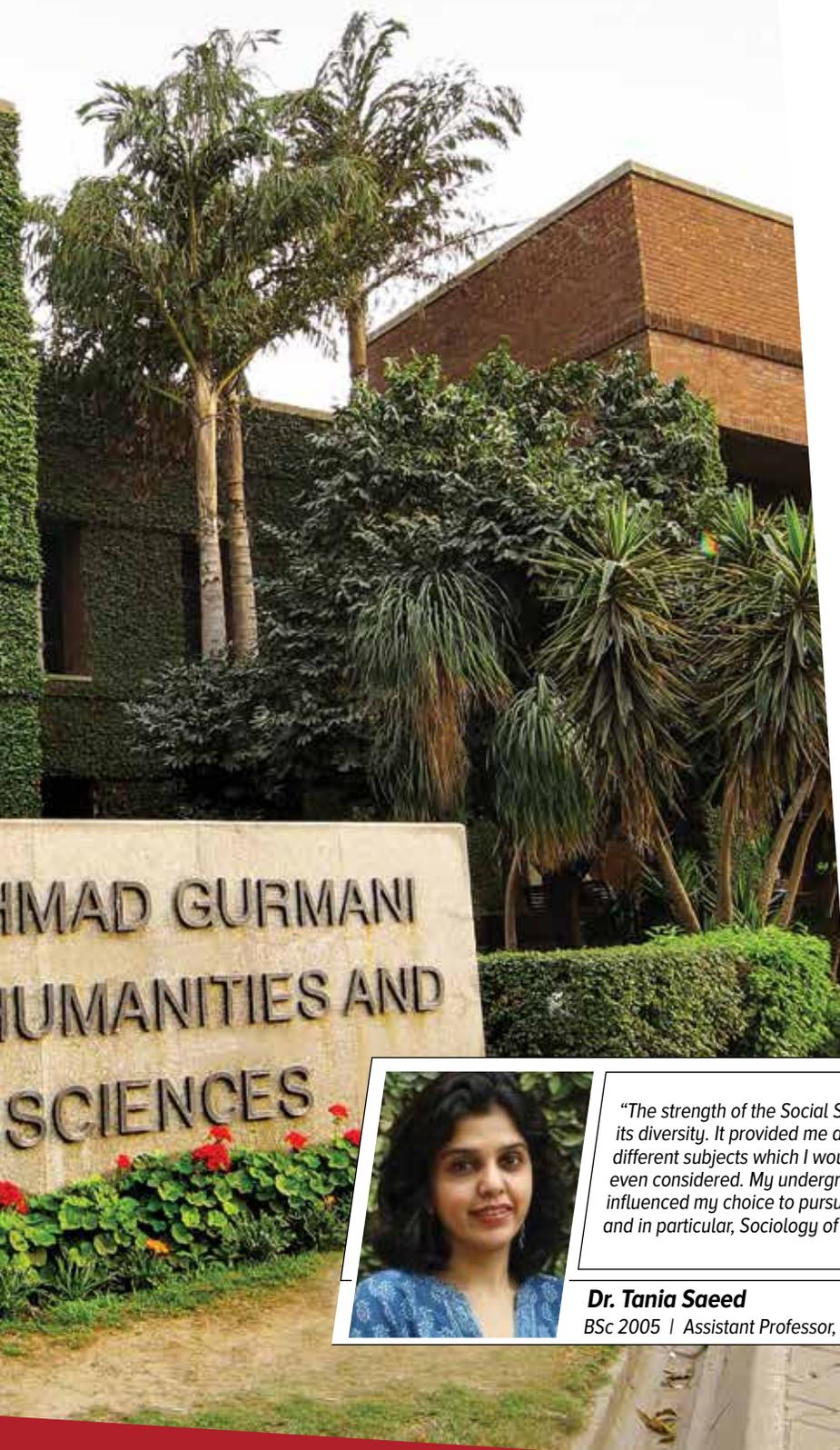
## Majors

- BSc (Hons) Anthropology and Sociology
- BSc (Hons) Economics
- BSc (Hons) Economics and Mathematics
- BSc (Hons) Politics and Economics
- BSc (Hons) Political Science
- BA (Hons) English
- BA (Hons) History

## Minors

- Anthropology and Sociology
- Economics
- English
- History
- Philosophy
- Political Science
- Psychology
- Study of Religion
- Urdu





## Learning Environment

- Anthropology and Sociology at LUMS is an exciting and fast growing subject area. This is reflected both, in the increasing number of students choosing it as their concentration and in the recruitment of new faculty. Faculty numbers have increased from 2 (1 Teaching Fellow and 1 Assistant Professor) in 2003/4 to the present strength of 10 full-time faculty (5 Assistant Professors, 1 Associate Professor and 3 Teaching Fellows). More growth is envisaged in the near future.

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- A new Core Curriculum has been introduced: 6 thematic clusters have been created - Social and Behavioural Sciences, STEM, Arts and Humanities, Contemporary Debates, Great Authors and Advanced Academic Writing. Students will be required to take at least one course in each cluster over the duration of their degree.

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- The Student Advising Unit provides a strong advising and mentorship system, greatly enhancing the overall student experience.

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- The Learning Centre is a learning and mentoring programme for students who need extra help with academic problems that cannot always be addressed in the class.

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*"The strength of the Social Sciences programme is its diversity. It provided me an opportunity to explore different subjects which I would normally have not even considered. My undergraduate experience influenced my choice to pursue a degree in Education and in particular, Sociology of Education."*

**Dr. Tania Saeed**

BSc 2005 | Assistant Professor, LUMS

## BA (Honours) English

The study of literature in English is one of the most rigorous and enlivening scholarly exercises you as an undergraduate student can engage in. With a canon that captures, both the classic and the contemporary, literature in English remains vital and relevant for any coherent understanding of the world. The English major at LUMS, seeks to train you to ask questions that have a global resonance. By honing your skills in close reading, rhetoric, critical analysis, and contextual thinking through a curriculum whose methodology is rich in critical theory, the English major will lead you to be a broadly educated and multifaceted graduate. You will be asked not just to grapple with the range of meanings and moments present in poetry, novels, plays, films, and essays, but also to produce compelling writing on your own. The craft of research and knowledge of the great intellectual debates on literature and criticism make up the backbone of the English major. You will be trained in issues that range from the implications of a single word in a text, such as Homer's *Odyssey* to the particular social and historical contexts within which literary works come into being. You will attempt to account for the enduring resonance of particular works - novels, plays, poems - which continue to speak to us across the boundaries of time and space.

Courses are offered in five areas:

- British Literature
- American Literature
- World Anglophone Literature
- Creative Writing
- Literatures in Translation

### Careers

In the past, Literature students traditionally pursued careers in teaching, journalism and advertising, and some still do. But globalisation and an integrated media boom, as well as a telecom revolution, have exponentially expanded the range of opportunities available to Literature graduates. They are banking and insurance executives, directors and writers, advertising account executives, entrepreneurs, diplomats, bureaucrats, lawyers and, of course, professors. Our English Programme will open many doors for you by providing you with the opportunity to develop the critical thinking and communication skills, which will be useful in preparing you for careers, such as:

- Public Relations Officer
- Writer
- Editor
- Media Specialist



*"The best academic decision I ever made was to switch my major from Economics to Social Sciences in my sophomore year. While taking the core courses in Social Sciences, I realised how much I had actually started to enjoy studying. The degree has instilled a strong ability in me to think critically, and to engage with complex topics rationally. It also sparked a permanent habit of inquisitiveness and reading which would have been missing had I not opted for a Social Science major."*

**Umer Hafeez**

BSc 2006 | Head, Loyalty and Insurance Products, Bank Alfalah



## BA (Honours) History

History is a core component of a foundational training for all students in the Humanities and Social Sciences stream. By studying History, you will learn to understand competing narratives. It will help you appreciate how narratives are created by probing the issues, such as: What are the extant sources on which we base a claim to knowledge? Where is this information archived? Is there more than one way of reading a historical document? Do multiple readings contribute to multiple discourses? Are these discourses complementary or irreconcilable?

The LUMS History Major offers a wide variety of courses across a range of historical time periods, geographical regions, and approaches. The History courses focus on offering a multifaceted approach to the past through primary and the latest secondary sources and instructors use the latest and most appropriate pedagogical techniques. There is a focus on reading, analysis and debate and discussion. You will learn to read historical documents and become attuned to the process of narrative construction. Currently, courses are offered in the following areas: Asian History, European History, Global History, History of Art, Muslim History, and South Asia.

The History faculty at LUMS has received formal training in research methods and analysis in their respective specialist areas, and is research active in these areas. Faculty participates in international collaborative research projects while carrying out groundbreaking individual research. The research interests of the faculty are broadly grouped into the following 'research clusters': Global South Asia, Intellectual History, International History, Material Culture and Twentieth Century History.

### Careers

With an undergraduate degree in History, you will be qualified to work in the media, the public sector, in multilateral/non-governmental organisations and with advocacy groups. In addition, it is noteworthy that many students with a Humanities or Social Sciences degree from LUMS have gone on to find employment in the corporate and financial sector. A History degree is not an impediment to finding meaningful employment. You can also pursue graduate training leading to a life of teaching, research, and writing as professional historians.



*"I really enjoyed the diversity of courses offered in the Social Sciences programme. There were multiple perspectives, small class sizes (especially in 300 and 400 level courses) which really helped develop critical thinking, tolerance of others points of view, and a broader understanding of the world. Core courses from outside the Major were another important aspect of learning and helped develop a lot of practical skills."*

**Zainab Saeed**

BSc 2007 | Head of Research and Development, Kashf Foundation

## BSc (Honours) Anthropology and Sociology

The Anthropology and Sociology major ensures that you acquire a strong disciplinary foundation with a grounding in theory and methods, along with a choice of courses that will allow you to pursue more specialised interests during the course of the programme.

The programme reflects the interests of the faculty and the areas of research range from the study and examination of gifts and exchange, bonded labour, legal anthropology, gender and power systems, to the ethnography of Pakistan and its regions, the anthropology and sociology of religion and religious fundamentalism, medical anthropology and the anthropology of art.

The programme is also committed to providing you the opportunity to undertake your own research through a special project in Anthropology and Sociology. While this is rare in most undergraduate courses, LUMS has had considerable success in encouraging students to do fieldwork during their stay at the University. As a result, students have the option of undertaking substantial field based research as part of the Sociology and Anthropology programme.

### Careers

If you Major in Anthropology and Sociology, there are broadly two different career paths that you can pursue. The first involves careers, which build directly on Anthropology and Sociology. These include research and teaching, working for the Civil or Foreign Service, working in international organisations, such as the United Nations and the World Bank or for NGOs; working in museums and heritage management and in the education and health sectors.

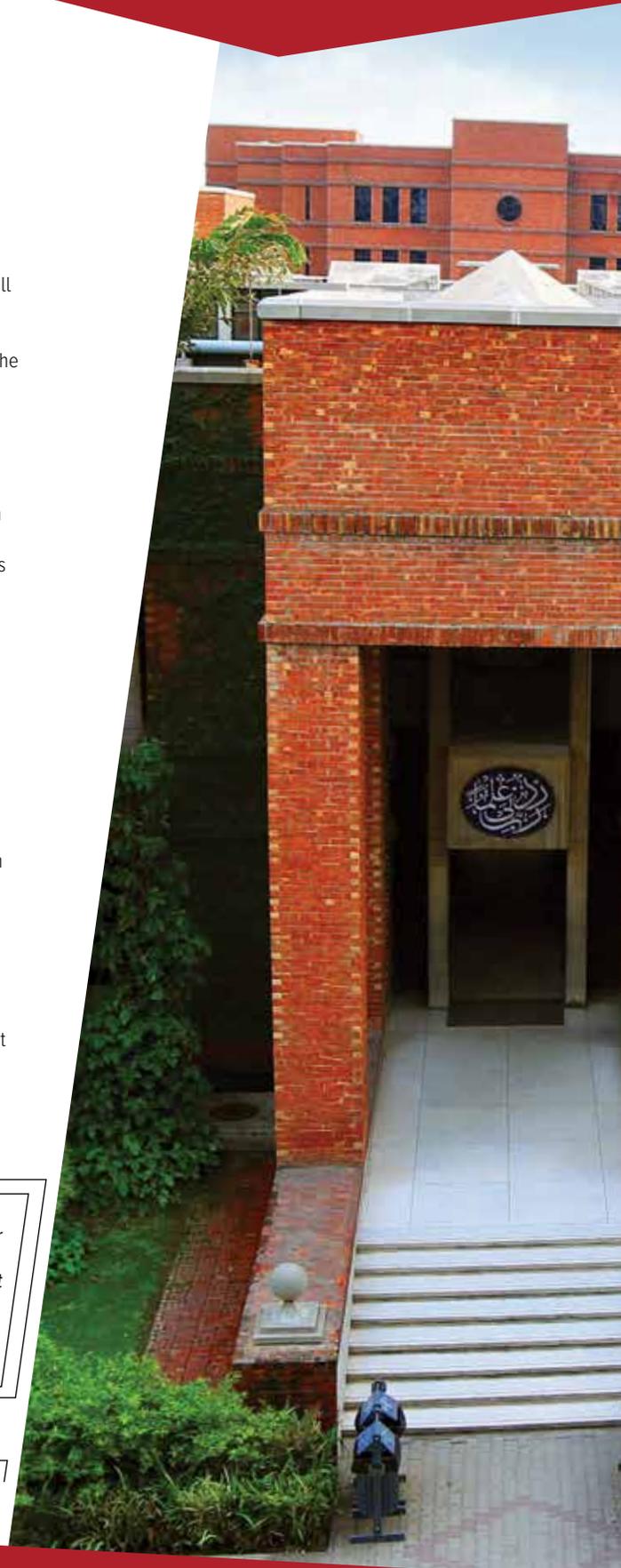
The second path uses the specific skills developed in the Programme. The analytical and critical skills, intellectual versatility, multicultural sensitivity and international outlook that you will develop are all widely sought after by employers in fields, such as the media, finance and commerce, management consultancy, diplomacy, advertising and public relations. For example, more and more businesses today are including a social component in their portfolios. This often involves ensuring that products are culturally acceptable and that local communities are adequately involved and rewarded when they are part of a multinational company's trading.



*"Studying Anthropology and Sociology was a mind-expanding experience that helped me discover and crystallise who I was, and how I should interact with the world around me. Most importantly, it taught me how to think."*

**Syed Adeel Hasan**

BSc 2009 | Leadership and Learning Specialist, Amazon



## BSc (Honours) Economics

The Department of Economics seeks to contribute to questions at the frontier of economic knowledge by drawing on the regional laboratory of economic and social life in South Asia and by collaborating with academics based at global centres of excellence in economic research.

The BSc Economics Programme offers a wide variety of courses, including Macroeconomics, Microeconomics, Econometrics, Development, Trade and Finance. Here you will be taught courses that are geared towards both mainstream and heterodox theory and empirical evidence, ensuring that you gain a broad base of perspectives, new ideas and applications. This will eventually equip you with analytical and quantitative skills that are widely applicable across many professional disciplines.

### Careers

Armed with an Economics Major, you will develop clear and rational problem-solving skills useful in business, government, corporate and non-government sectors. The major will not only provide you with an understanding of institutions and how they impact segments of the economy, but also empower you with skills to address issues confronted by organisations, governments and citizens. Additionally, you will acquire rigorous quantitative tools to understand the domestic and global economic environment and analyse its impact. You will be ready to take up graduate studies and careers in economics, business administration, non-government organisations and the corporate sector.

## BSc (Honours) Economics and Mathematics

This joint Major provides a strong base for graduate studies in the field of Economics, increasing your chances of placement at top ranked schools. The Major includes Mathematics courses like calculus, analysis and linear algebra as Mathematics is the rigorous study of structure and relationship and fundamental to all of the sciences and engineering. The Major also trains students in analytical thinking and courses are offered with application to the natural and social sciences.

### Careers

In addition to the skill set to take up careers in economics, business administration, non-government organisations and the corporate sector, you may pursue higher studies in mathematics, economics and financial engineering.



*"The beauty of MGS HSS is that it allows students to structure their degree in a very flexible manner. This aspect adds substantial breadth to an individual's cognisance over the four years and distinguishes him/her from the crowd."*

**Syed Afraz Akhtar**

BSc Economics 2018 | Associate Business Consultant, NDC Tech



## BSc (Honours) Political Science

Political Science is traditionally divided into 4 or 5 major sub-fields: Political Theory, Comparative Politics, International Relations, Public Policy (Policy Analysis or Government), and Political Sociology. The curriculum in Political Science offers an opportunity to specialise in each of these sub-fields. However, at MGSHSS, there are several areas of research that cut across the purview of the traditional sub-fields. This is why the Political Science curriculum also offers you the possibility to engage with the rest of the Social Science curriculum so that you can meaningfully benefit from a broad-based, inter-disciplinary education. You will be given the opportunity to infuse a healthy dose of Economics, Sociology, Anthropology, Psychology, or History into your Political Studies. Special attention is given to the study of Area Studies and Political Economy.

### Careers

Several career options are open to you as a Political Science Major. The analytical and critical thinking skills, multicultural sensitivity and international outlook gained from an education in Political Science at MGSHSS are all traits that are widely sought after by employers in many fields.

You may opt to be an academician (researcher and teacher), join the Civil or Foreign Service or an international organisation such as the World Bank and United Nations or an NGO. Other fields that are open to you as a political scientist include consultancy work and jobs in think tanks and public policy institutes. Finally, the specific skills you will develop in the Political Science Programme can be applied to other career paths, such as law, publishing, journalism and electronic media.



**MGSHSS GRADUATES  
LOCAL SALARY  
PER MONTH IN PKR**

**AVERAGE  
52,000**

**HIGHEST  
150,000**

## BSc (Honours) Politics and Economics

If you intend to develop a knowledge of the political economy, the Politics and Economics Major will provide you with a strong base. The Major is carefully constructed to provide you with an opportunity to study two disciplines as well as areas that cut across traditional departmental and disciplinary lines. You will examine the globalised world using a variety of conceptual lenses supplied by the social sciences, learn multiple ways of solving problems, and explore areas of inquiry that intersect traditional disciplines. The courses in Politics will help you understand the dynamics of political systems, how they affect international relations and how they support a nation, thus realising your responsibility to the society and the country. Through the study of Economics, you will be ready to take part in governmental policymaking and changes in economic systems.

### Careers

The Major enhances your skills to think critically, analyse and present an international outlook, which is widely sought after by employers in many fields such as research, teaching, the Civil or Foreign Service sector, international organisations and NGOs.



*“Studying at LUMS was the best thing that could have happened to me. The knowledge I gained and the skills I learned groomed me as a person. I did not realise how good my academic base was until I started my Masters and saw my classmates struggling with concepts and theories that I found very basic, only because I had been taught so well at MGSHSS.”*

**Fatima Ahmed**

BSc Politics and Economics 2014 | Policy and Advocacy Officer, UNDP Pakistan

# SYED BABAR ALI SCHOOL OF SCIENCE AND ENGINEERING

The Syed Babar Ali School of Science and Engineering (SBASSE) has been modelled along the lines of the world's top research schools and has a highly qualified faculty to accomplish its mission. It has a 'no boundaries' philosophy, which encourages you to indulge in cross-disciplinary collaborations across SBASSE and other Schools at LUMS.

## Learning Environment

As a SBASSE Undergraduate Student, you are put through a common 'core curriculum' in your first year and part of the second year, which comprises of fundamental courses in 6 majors. The School has an active advising system that tracks your performance throughout and helps you select your major.

## Majors

- Biology
- Chemistry
- Physics
- Chemical Engineering
- Electrical Engineering
- Computer Science
- Economics and Mathematics
- Mathematics

## Minors

Along with selecting a major, you can study a certain number of courses from other departments within the School and declare one as your minor. SBASSE Undergraduate Students can also opt for 'Computational Finance' as a minor.





SCHOOL OF SCIENCE & ENGINEERING

## BS Physics

The Physics Programme is designed to enable you to build a strong foundation in core areas of Physics, developing a keen sense of appreciation of natural phenomena and Mathematical frameworks that can describe these. You will also be exposed to the latest research trends in both, Applied and Theoretical Physics. During the Programme, you will also probe fundamental physical aspects of the universe and underlying Mathematics, as well as novel applications in diverse areas including Nanoscience, Optics, Nanophotonics, Quantum Dynamics and Magnetic Materials. You will also connect with industry regularly through seminars, colloquia and laboratory immersion programmes led by faculty, students, as well as speakers from outside LUMS.

The Department of Physics is currently working on the following research areas:

- Structure of Space-time
- Supersymmetric Gauge Theories
- Nanophotonics
- Classical Optics and Electromagnetics
- Quantum Optics
- Spin Physics
- Quantum Measurement and Control
- Computational Materials
- Quantum Information Theory
- Soft-matter Physics and Optoelectronic Devices
- Quantum Photonics

### Why Apply?

- A mathematically rigorous Physics Programme taught at par with international standards
- A strong faculty-student ratio with extensive academic supervision that allows a personalised learning experience
- World-class academic and research infrastructure

### Careers

- Graduate studies in top international PhD and MS programmes
- Diverse roles and positions within local and international industry
- Relevant roles in national research and development organisations such as Defense, Meteorology, Space Exploration, Seismology and Geophysics, Climate Change and Monitoring
- Careers in Environmental Science, Medical Physics and Radiology
- Academic and teaching positions in renowned universities within and outside Pakistan



*“The helpful faculty and staff of the Physics Department has left no stone unturned in providing an environment conducive to hard work. With some of the hardest working and smartest people of the batch next to me, I have been motivated to work harder throughout. My journey in Physics has been eventful in itself, but what enriches my interest and research projects was the opportunity to minor in Computer Science. This experience, not in itself but in collaboration with my Physics studies, has had a formative impact on what I am working on and what I am studying.”*

**Qasim Khan**  
BS Physics 2019





## BS Chemistry

The Chemistry Programme is designed to give you a grasp of the basic principles of Chemistry through studies that focus on fundamental concepts of Chemistry, modern synthetic and analytical techniques, and materials science with special reference to nanomaterials and their applications. Along with the theoretical background, you will also do laboratory experiments in chemical procedures and techniques. These cover basic concepts and techniques that serve as a stepping stone to cutting edge research focused on addressing the key health, energy and environment related challenges of our age. You will be encouraged to participate in research projects under the supervision of faculty experienced in a variety of fields including Biotechnology, Chemicals and Materials Industry, Fuel and Solar Cells Development, Electronics, Photonics, Drug Delivery, Nanomedicine and Environmental Remediation.

### Careers

- MD programmes and PhD studies in Biological and Pharmaceutical Sciences, Petroleum, Chemical, Materials Science and Engineering programmes
- Cross Functional roles that combine Chemistry with supplementary subjects and specialisations

Some graduates also applied to universities abroad and have been placed at the following universities:

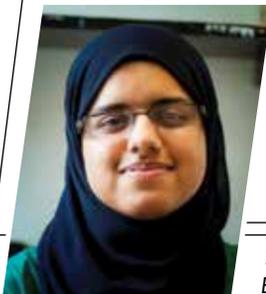
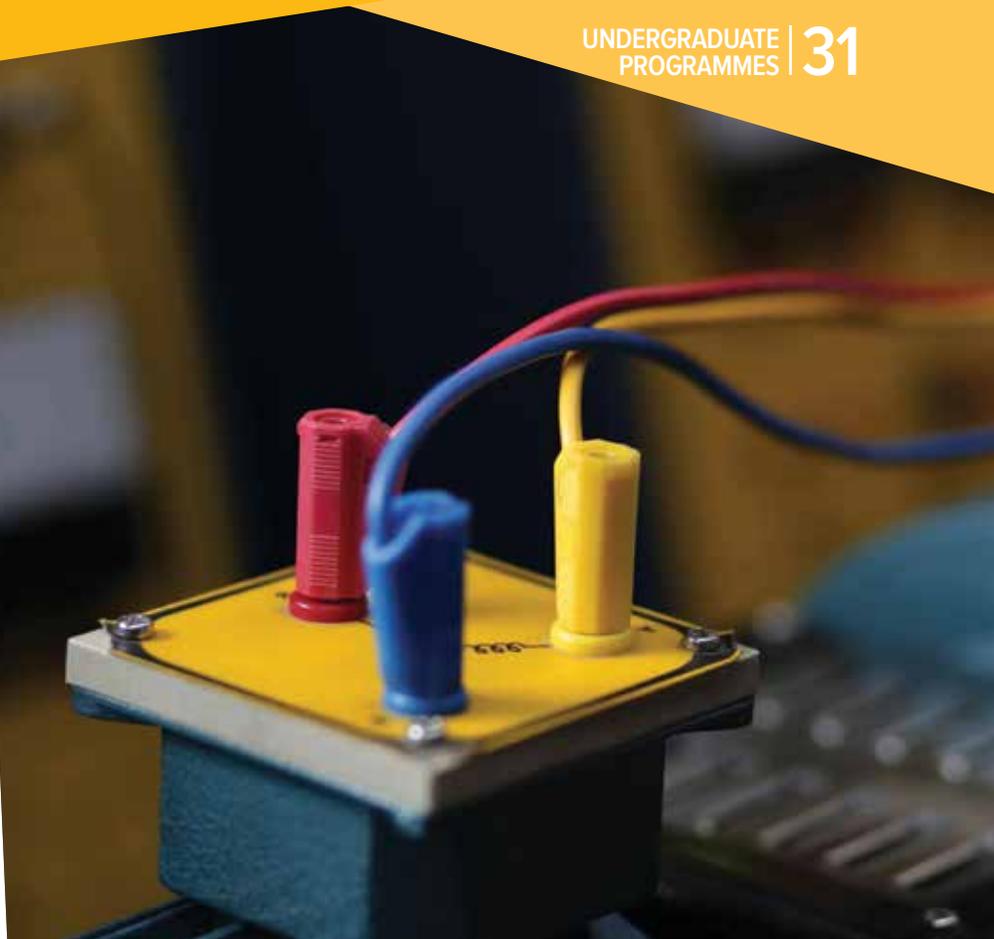
- University of Minnesota
- University of Indiana Bloomington
- University of Florida
- Iowa State University
- Texas A&M University
- Florida State University

## BS Chemical Engineering

Pakistan's chemical industry is destined to expand in the future to provide products to enhance the standard of living, protect the environment, ensure industrial safety, create new processes that provide value added products, move into new fields and compete in the global markets. It is therefore necessary to educate tomorrow's leaders in modern Chemical Engineering along with other Science and Engineering disciplines. The new BS Chemical Engineering degree will cover the traditional basics with an emphasis on Engineering Science and modern, innovative Chemical Engineering.

### Careers

Chemical engineers are highly sought after in all chemical related industries such as agrochemicals, petrochemicals, plastics and polymers, consumer products, food, flavour and drink industry, cement, packaging, health and medicines, forensic science etc.



*"The LUMS experience was surreal, ranging from traditional classroom learning to spending hours in the Chemistry labs, embarking on challenging projects and chalking out career goals. Focusing on hands-on research equipped me with crucial skills required for being an independent scientist. Through its unique diversity, LUMS allowed me to not only achieve academic excellence, but also to become a member of the LUMS Emergency Medical Services (EMS), acquiring important first aid training and skills."*

**Huda Zahid**  
BS Chemistry 2017



## BS Biology

The Biology Programme will give you cutting edge knowledge of Biology relating to theoretical as well as experimental aspects. Recent advances have integrated Biology with other disciplines and have led to the emergence of new areas of study and research, such as Molecular Biology, Cell and Developmental Biology, Computational Biology, Mathematical Modelling of Biological Processes and Diseases, Biophysics and Systems Biology. You will be offered two streams: Molecular Cell Biology (MCB), deals with two important molecules, i.e. DNA and Proteins, and molecular processes within a cell, which lay the foundation of our life. MCB aims to understand why we look like we do, how we inherit characteristics from our parents, what are the basis of diseases like Cancer, HIV, HCV and other infectious diseases, how our lifestyle impacts our health and so on.

Computational Biology (CB) deals with the quantitative analysis of biological data. CB integrates Computer Science and Mathematics to generate models of biological systems and predict how life may have evolved, how disease may progress, how DNA may be regulated, how proteins may play with one another to keep an organism healthy and alive.

## Careers

Graduates specialising in the Biology receive competitive offers from academia and industry within and outside Pakistan. A majority of our students opt for fully funded higher education abroad for MS and PhD. Some of the university destinations include:

- Harvard University
- Cornell University
- Yale University
- Columbia University
- The University of Chicago
- Dartmouth College
- University of Illinois at Urbana–Champaign
- ETH Zurich
- McGill University
- The University of North Carolina at Chapel Hill
- Texas A&M University

## BS Computer Science

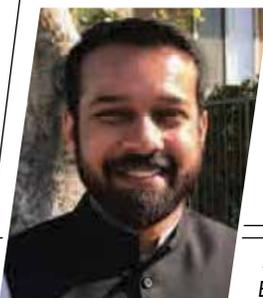
The most important aspect of computing and computer technology is problem solving, an essential skill for life; it is an integral part of our lives from the cars we drive, to the movies we watch, to the ways businesses and organisations deal with us. Understanding different dimensions of computing is part of the necessary skill set for an educated person in the 21st century. Established in 1994, the LUMS Computer Science programme deals with the fundamental nature of computation, what can and cannot be computed, and how efficiently a computation can be accomplished by a machine. You will study computer architecture, how to make machines think, how to build computers that can see i.e. computer vision, how to design software that works seamlessly from different locations, how to model complex problems and the theory of computation. The Department's highly research-active faculty encourages undergraduate students to be involved in their research work. Research opportunities focus both on fundamental research in Computer Sciences as well as on projects of practical socio-economic significance, such as building systems to communicate relevant information to farmers, designing mapping solutions for rural areas and building record keeping solutions for the judicial system.

### Careers

Computer Science is one of the most fastest growing and highest paying career paths in the world. CS majors take up careers in various fields, such as

- Information Technology
- Software Development
- Healthcare
- Retail
- Graphics and Multimedia
- Financial Services

Our graduates have enjoyed excellent job placements over the years, both within Pakistan and internationally in leading companies including Google, Facebook, Amazon, Apple and Microsoft, and have also been able to work on successful startups e.g. PakWheels. The acceptance of our graduates to top MS and PhD programmes abroad has also been excellent – just this year, students have joined universities like Oxford, Cambridge, UIUC, Cornell, UT Dallas, Stony Brook and UC San Diego amongst others.



*"In my junior year, I started my first research project on making software robust, fault tolerant, and secure by removing unwanted components in collaboration with Stanford Research Institute International. Moving on, I was also part of various research projects that provided me adequate research experience and landed me fully funded offers for PhD programmes from 8 US graduate schools including UT Austin, UCLA, and Ohio State. Undoubtedly, the quality of education and college experience at LUMS is at par with any top-tier US college."*

**Muhammad Ali Gulzar**  
BS Computer Science 2014



## BS Mathematics

The Mathematics Programme delves deep into a world of numbers. It will teach you core areas of Applied and Pure Mathematics. The focus of research in Pure Mathematics will be in Algebraic Geometry and Operator Theory, while in Applied Mathematics the emphasis will lie on Scientific Computation, Mathematical Biology, Quantitative Finance, Symmetry Methods and Mathematical Physics.

### Careers

BS Mathematics will open a world of exciting options for you. You will be able to pursue your passion in:

- Accountancy
- Banking
- Computer Programming
- Epidemiology
- Statistical Analysis
- Architecture
- Risk Management
- Business Consultancy
- System Analytics
- Corporate Sector

Our Graduates are accepted for higher studies in Mathematics and related disciplines at leading institutions, such as:

- Harvard University
- University of Oxford
- University of Cambridge
- University of Waterloo

## BS Economics and Mathematics

The Economics and Mathematics joint major provides a strong base to those students who intend to pursue further studies at the graduate level in the field of Economics. Students seeking admission to a graduate programme have a higher chance of getting admitted to top ranked schools if they have taken Mathematics courses like Calculus, Analysis, and Linear Algebra during their undergraduate degree programme.

Students pursuing a BS in Economics and Mathematics from SBASSE must additionally complete the SBASSE school core requirements. The SBASSE sophomore students can opt for a major change, whereas students from the rest of the Schools can apply for an inter school transfer.

### Careers

The joint Mathematics and Economics major is designed for students who wish to pursue doctoral studies in economics or business, or plan to start a career in the corporate sector that involves excellent quantitative skills. Students pursuing this major could become economists with very good quantitative mathematical skills.



*“Some of my most cherished memories at LUMS are those spent solving some of the most complex problems in Mathematics with my batchmates. It was their constant support along with that of my instructors that has helped me get through some very challenging times, both academically and non-academically. These relationships developed within the LUMS family are what I value the most.”*

**Mohammad Asad**  
BS Mathematics 2018

## BS Electrical Engineering

The Electrical Engineering Programme was designed keeping in view the curriculum taught at leading international institutions, whilst catering to local requirements. The Programme provides a solid foundation in understanding the underpinning principles for representing, processing and transmitting information in the form of electrical/electromagnetic signals as well as the generation, transmission, distribution and utilisation of electrical energy.

### Careers

The rigorous analytical and practical training will prepare you for a variety of careers and diverse specialisations in:

- Signal Processing
- Embedded Systems
- Networks and Communication
- Robotics and Control
- Energy Systems
- Microelectronics
- RF and Microwaves
- Optics and Optoelectronics

Many of our graduates are made fully funded offers from some of the best universities. These include:

- University of Wisconsin
- Dartmouth College
- Stony Brook University
- University of Sheffield
- University of New South Wales
- RICE University
- Queen's University
- University of Missouri
- University of Iowa



### SBASSE GRADUATES LOCAL SALARY PER MONTH IN PKR

**AVERAGE**  
**52,000**

**HIGHEST**  
**120,000**



*"The opportunities available to students at the Electrical Engineering Department are endless, ranging from building robots in state-of-the-art labs, to delving into research at an early stage. This combined with the first class faculty available at LUMS makes the Electrical Engineering experience unparalleled across Pakistan. It was because of the challenging and competitive environment at the Department that enabled me to push my limits and to publish two research papers in renowned journals and conferences during the Undergraduate Programme."*

**Sayed Saad Afzal**  
BS Electrical Engineering 2018

# SHAIKH AHMAD HASSAN SCHOOL OF LAW

If you wish to combine the richness of a liberal arts education with a solid professional training in Law, Shaikh Ahmad Hassan School of Law (SAHSOL) is the place for you. The School offers a five-year BA-LL.B (Honours) degree, fully recognised by the Pakistan Bar Council as a qualifying law degree. LUMS has been offering the BA-LL.B since 2003 and is one of the very few institutions in Pakistan to offer world-class legal education with a primary focus on Pakistani law.

## Learning Environment

The Law School's learning and teaching environment is stimulating and interactive. There is ample opportunity for you to hone the skills learned in the classroom and grow as a law practitioner.

SAHSOL offers you diversity and innovation:

- A quarter of our graduates have gone on to study for the LL.M at some of the world's most prestigious universities, such as Harvard, Yale, Columbia, Berkeley, Oxford, Cambridge, Warwick, Michigan and the London School of Economics.
- We impart real world training by giving you plenty of opportunities to undertake legal internships, contribute to the LUMS Law Journal, participate in national and international moot court competitions, assist with faculty research, undertake pro bono work and study clinical courses.
- The LUMS Law Alumni Association provides a powerful professional network of close to 300 lawyers and legal professionals across Pakistan and internationally.
- The School is home to a dedicated state-of-the-art moot court which seats up to 200 people, a reading room, a computer lab, discussion rooms and several lecture theatres.
- We teach critical thinking by employing the Socratic Method, an interactive mode of teaching, where instructors keep you engaged in a lively and dynamic classroom discussion.
- The Gad and Birgit Rausing Library has an extensive law collection consisting of 35,000 print volumes, 25,000 e-books, over 1,100 e-journals, 22 local and foreign law journals, as well as subscriptions to 35 databases including LexisNexis Academic, Westlaw India and the Pakistan Law Site.
- The School of Law assures personalised attention by offering an overall 1:2 faculty/student ratio in the LL.B phase.

### BY THE NUMBERS

**50%** of our law graduates are females

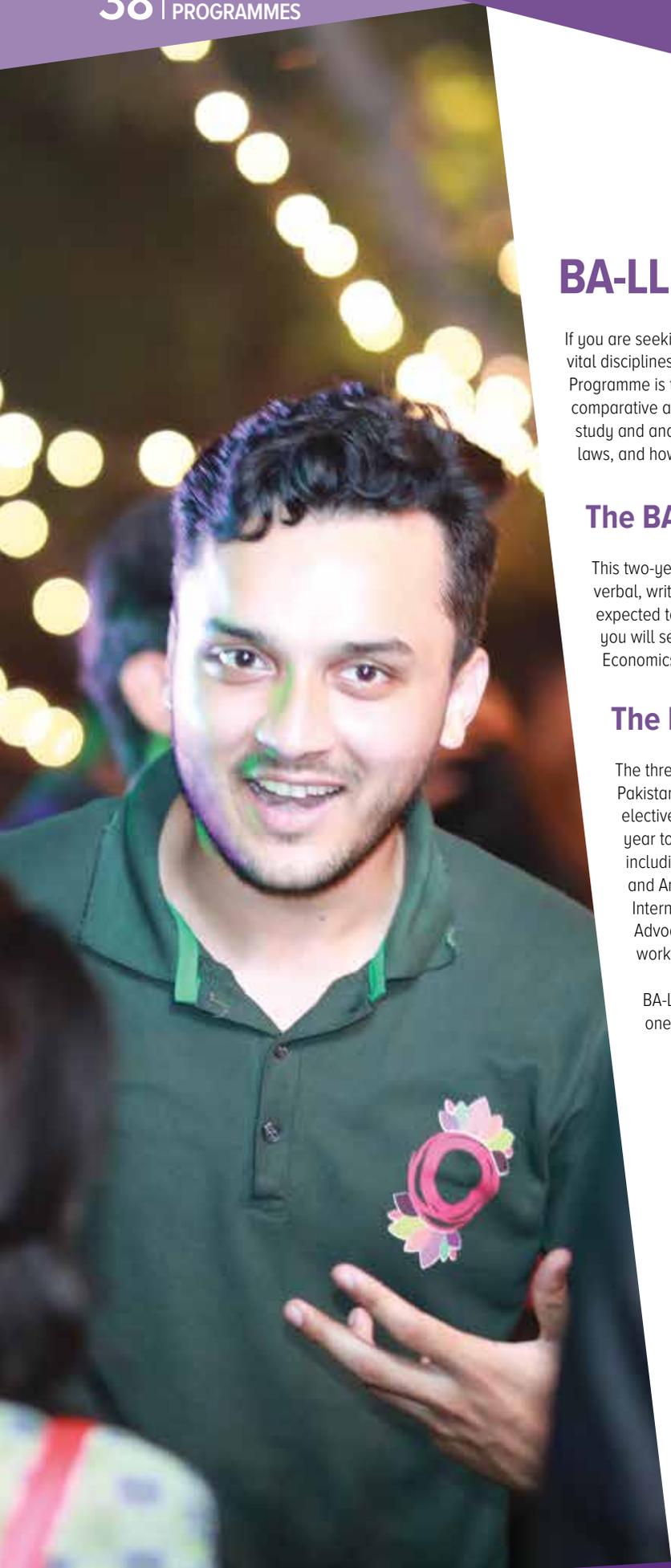
3 law graduates passed the **CSS examination** in 2017, with two of them ranked first and second in the **Foreign Service Group**

Our students conduct **weekly hour-long** interactive sessions with local high school students from lower income backgrounds to impart knowledge of the workings of the Pakistani Legal System known as the **Street Law Programme**

#LUMSEquality







## BA-LL.B

If you are seeking a challenging, rigorous, interdisciplinary exposure to law and related vital disciplines, the BA-LL.B Programme is designed for you. Whilst the focal point of the Programme is the Pakistani Legal System, the teaching methodology encompasses a critical, comparative approach in order to promote a deeper understanding of the law. The ambit of study and analysis is not just laws as they exist and operate, but also how policy impacts laws, and how law, policy and society interact.

### The BA Phase

This two-year BA phase aims to assist you in developing the knowledge and skills – verbal, written and analytical – necessary to succeed in the LL.B, where you will be expected to absorb and process large amounts of complex material. During this time, you will select and study, a range of relevant subjects from different disciplines, such as Economics, Political Science, Psychology, Anthropology and Sociology and Science.

### The LL.B Phase

The three-year LL.B phase consists of 22 core law courses as prescribed by the Pakistan Bar Council, supplemented by a wide-range of exciting and relevant topical elective courses on the specialist areas of Law. Although elective courses vary from year to year, the School of Law now offers a wider range of electives than ever before, including Tax Law, Law and Economics, Intellectual Property Law, Competition Law and Antitrust, Law and Literature, International Finance Law and Law and Practice of International Commercial Arbitration. A number of legal practice courses, such as Advocacy, Drafting and Opinion Writing, will prepare you on the fundamentals of working as a lawyer in Pakistan and abroad.

BA-LL.B students also have the opportunity to augment their LL.B with a BA minor in one of the following disciplines\*:

- Anthropology and Sociology
- Public Management
- Psychology
- Political Science
- Physics
- Philosophy
- Mathematics
- Biology
- Chemistry
- Computer Science
- Economics
- History
- Literature in English
- Study of Religion
- Urdu

\* Enrolment in particular courses is subject to availability of space.

## Careers

Our SAHSOL Graduates are in high demand in the legal profession and in other fields in which professional analytical skills are required. They go on to have successful, interesting and varied careers in a range of job sectors, including private practice, academia, NGOs, financial institutions, the Civil Service, and regulatory, research and policymaking bodies, both in Pakistan and overseas.

A majority of our Graduates choose to launch their careers working as lawyers in private practice and as advocates in the High Courts. Many of our Law Graduates have focused their legal practice on commercial and corporate law. Others pursue careers as in-house legal counsel at legal departments of multinational companies, such as The Coca-Cola Company, and Habib Bank Limited, and as Law Officers at the Attorney General's Office. The Civil Service is also a popular employment choice. A small minority starts private business ventures.

At SAHSOL, you will be given every chance to connect with senior members of the legal profession as well as the judiciary, to take advantage of our internship and placement scheme, and to receive career guidance and advice from the LUMS Law Alumni Association.

SAHSOL will ensure you have numerous networking opportunities, enabling you to make connections with industry experts across the country. The Annual Career Fair and Networking Dinner are such events, which will enable you to interact with representatives of participating law firms in a more relaxed and productive atmosphere.

Law Students are regularly placed for summer internships at a number of prominent law firms and NGOs, including HaidermotaBNR & Co., RIAA Barker Gillette, Axis Law Chambers, Sheikh & Dahir, Raja Mohammad Akram & Co., Ijaz & Ijaz Law Associates, MCAS&W Law Associates, Office of the Advocate General (Lahore), Aurat Foundation, the Human Rights Commission of Pakistan, AGHS Legal Aid Cell, and Research Society of International Law.



*"My SAHSOL experience was exceptional. I was taught by some of the best legal minds in Pakistan and they shaped the way I critically analyse Law. The BA-LL.B Programme is exceptional because it gives the students the opportunity to tailor their law school experience according to their professional aims, by providing numerous options in terms of both, academic courses and extracurricular activities."*

**Maham Naweed**  
BA-LL.B 2015

# SYED AHSAN ALI AND SYED MARATIB ALI SCHOOL OF EDUCATION

The Syed Ahsan Ali and Syed Maratib Ali School of Education (SOE), the fifth School at LUMS, continues the University's tradition of academic excellence and world-class facilities. It offers a variety of undergraduate courses and an MPhil in Education Leadership and Management (ELM). The School aims to produce a new class of leaders as educators, entrepreneurs, policymakers, researchers and reflective practitioners, equipped with the ability to give strategic direction to the fast expanding education sector.

The undergraduate curriculum allows students to develop an understanding of the key theoretical debates that shape the education sector while also familiarising them with the complexities of educational delivery and management across national and international contexts. Moreover, these courses equip students with the necessary analytical tools to propose innovative solutions to challenges of education policy and practice. In the future, SOE plans to offer a Minor in Education. At the moment, Undergraduate Students can choose from the following EDU courses:

- Critical Debates in Education
- The Learning Gap: Critical Issues in Educational Psychology
- Curriculum, Teaching and Learning
- Education in the Pakistani Context
- Comparative Social Policy Issues in Pakistan

**Note:** EDU courses are listed as in-group courses for MGSHSS students, while they are listed as out-group for all other schools i.e. SDSB, SAHSOL and SBASSE. Meanwhile, the MPhil ELM, SOE's flagship Programme is an interdisciplinary 2-year Programme designed and led by world-class faculty trained at top universities in the US and UK.



*"The LUMS School of Education is a groundbreaking intervention in education reform of Pakistan. It is an opportunity to reimagine education and transform lives, while ensuring well-paying careers for our graduates."*

**Dr. Mariam Chughtai** | Doctorate in Education, Harvard University, USA, Associate Dean and Assistant Professor, SOE





*“More education’ is given as the solution to almost every first order problem we have. What is the role education can/should play in any society? What sort of education and for whom? These are important questions that need to be understood and addressed. The School of Education’s undergraduate course offerings will not only expose the students to such first order issues, they will then drill down to the details that are thrown up by these questions. This will be an exciting journey of (self) discovery for any student interested in education. We look forward to embarking on this journey with you.”*

**Dr. Faisal Bari** | Doctorate in Economics, McGill University, Canada  
Director Academic Programmes, Associate Professor, SOE

## Learning Environment

### Challenging Curriculum

Rigorous academic coursework with in-depth practical training to produce education leaders who are strongly rooted in research policy and practical thinking, is the hallmark of the SOE Curriculum.

### Distinguished Faculty

The SOE faculty members are highly accomplished, hailing from top international universities including Harvard University, University of Cambridge, McGill University, KDI School of Public Policy and Management, Pennsylvania State University and Columbia University.

### Strong Partnerships

The Teaching and Learning Initiative (TLI) is a central component of SOE for facilitating students to access practitioners in the education sector. TLI is envisioned as a vibrant platform for creating meaningful engagements through field work and hands-on learning. Through such partnerships, SOE will also create job opportunities for its Graduates.

### Collaborative Environment

Group discussions and teamwork are an essential part of the SOE ethos, fostering a collaborative approach among students.

### Eminent Advisory Board

The School is privileged to have the guidance of a highly distinguished international Advisory Board comprising faculty and experts from world-renowned universities and organisations including Harvard University, University of Cambridge, New York University and the World Bank among others.

### Careers

SOE will open a variety of career options for its Graduates in the education sector as well as others, including but not limited to:

- Analysts
- Entrepreneurs
- EdTech Experts
- Researchers
- Administrators
- Policymakers
- Educators
- Practitioners



*“Education as a human social enterprise is characterised by continued debates, exploration, policy iterations, disappointments and fulfillments. SOE is just the right platform to immerse deep into the various dimensions of education and schooling. Come join us at SOE and partake in the exciting journey, of discourse and practice that shapes the educational canvas in Pakistan and beyond!”*

**Dr. Gulab Khan** | Doctorate in Educational Theory and Policy, Pennsylvania State University, USA , Assistant Professor, SOE







# EXCHANGE PROGRAMMES

To enrich your academic journey, we encourage you to explore global opportunities through our exchange programmes with international universities around the world. These institutional linkages allow you to experience the distinct difference in work cultures across multiple geographies, helping you understand the skills required to adapt to new environments.

Spending a semester with other universities will help you gather deep insights into the latest academic and teaching models, groom you with the skills to understand global problems, trends and opportunities. This will also give you the exciting opportunities to experience distinct cultures.

Through our international linkages, you can take a semester at the Ritsumeikan University in Kyoto, Japan or go to California as part of the Berkeley-Haas Exchange Programme. There are many opportunities to study abroad.

## Partner Universities

LUMS provides excellent opportunities for international academic and co-curricular exposure with a variety of exchange programmes around the world.

### Asia and Asia Pacific

-  **Waseda University, Tokyo, Japan**
-  **Ritsumeikan University, Kyoto, Japan**
-  **Ritsumeikan Asia Pacific University, Kyoto, Japan**
-  **Indian School of Business, Hyderabad, India**
-  **Indian Institute of Management, Bangalore, India**
-  **Management Development Institute, Gurgaon, India**
-  **University of Peradeniya, Kandy, Sri Lanka**
-  **Universiti Sains Malaysia, Pulau Pinang, Malaysia**
-  **Seoul National University, Seoul, Republic of Korea**

### Europe

-  **FH Joanneum University, Austria**
-  **University of Passau, Passau, Germany**
-  **Humboldt University, Berlin, Germany**
-  **University of Glasgow, Scotland, UK**
-  **University of Middlesex, London, UK**
-  **EURECA (9 partner EU universities)**
-  **Erasmus Mundus Action 2 (6 partner EU universities)**
-  **University of Pretoria, South Africa**
-  **University of Zagreb, Croatia**
-  **University of Tilburg, Netherlands**
-  **SOAS University, UK**

### North America

**Berkeley-Haas, University of California, California, USA**

### South America

**ESAN University, Lima, Peru**

### Pakistan

**Institute of Business Administration, Karachi**

**University of Engineering and Technology, Lahore**

**Forman Christian College, Lahore**

# ADMISSION REQUIREMENTS

Applicants can apply to more than one School with the LUMS online application. Applicants of Mushtaq Ahmad Gurmani School of Humanities and Social Sciences (MGSHSS) will be able to apply for one of the two streams:

- Economics or
- Humanities and Social Sciences

## ELIGIBILITY CRITERIA

### LOCAL AND INTERNATIONAL APPLICANTS

Applicants will be assessed on the following criteria:

1. Academic Record
2. Performance in the Admission Test
3. Interview (if called)

#### Note

This is the minimum criteria that applicants need to fulfil in order to be eligible to apply. Fulfilment of this criteria does not guarantee admission to LUMS.

## 1 ACADEMIC BACKGROUND

### FOR COMPLETE DEGREE

Applicants who have successfully completed FA, ICS, ICOM, FSc, A Levels, High School Diploma (HSD) or International Baccalaureate (IB) are eligible to apply for admission, if they fulfil one of the following academic qualifications:

- Successful completion of **Matric with 70% marks or above, FA with 65% marks or above or FSc/ICS/ICOM with 70% marks or above**
- **O Levels** (in at least **\*8 subjects**) with an average grade of at least 'B' in all subjects attempted and **A Levels** in at least 3 \*\*principal subjects with at least 2 Bs and 1 C. No credit will be given for Advanced Subsidiary and General Paper.
- **American High School Diploma (HSD) with 70% or above, or Grade point average of B or above**
- **International Baccalaureate (IB)** with at least **28 out of 45 points**
- Combination of the above
- Any other equivalent qualification (minimum acceptable scores will be determined by the Admissions Committee)

Candidates who have already completed their A Levels (have attempted at least three A Level principal subjects) and do not meet the minimum grades requirement (specified above) must improve their grades in order to be eligible for admission. A Level exams are held in November and June. To be eligible for admission in 2019, applicants must improve their A Level grades in **November 2018**. Applicants planning to improve their grades by taking **June 2019** exams are not eligible for the **Fall 2019** session.

Candidates who have already completed their Intermediate level degree (FA/FSc/ICS/ICOM/High School Diploma/IB etc.) and do not meet the minimum marks/ grades requirement must improve their marks/ grades by **October/ November 2018** in order to be eligible for **Fall 2019** session.

### FOR INCOMPLETE DEGREE

Applicants who have not taken the final exams of their FA, ICS, ICOM, FSc, A Levels (in three \*\*principal subjects)/High School Diploma or International Baccalaureate (IB) as yet and are expecting their final results by **August 2019** are eligible to apply for admission if they fulfil one of the following academic qualifications:

- Successful completion of **Matric with 70% marks or above, FA (part I) with 65% marks or above, FSc (Part I) /ICS (Part I) / ICOM (Part I) with 70% marks or above**
- **O Levels** (in at least **\*8 subjects**) with an average grade of at least 'B' in all subjects attempted
- **American High School Diploma (HSD)** (first year) with **70%**, or **above/Grade Point Average of B or above**
- **International Baccalaureate (IB)** (first year) with at least **28 out of 45 points**
- Combination of the above
- Any other equivalent qualification (minimum acceptable scores will be determined by the Admissions Committee)

If shortlisted for admission, applicants will be given a conditional offer.

#### Note

In addition to the conditions stipulated by LUMS, applicants are liable to meet the requirements specified by professional accreditation bodies like the Inter Board Committee of Chairmen (IBCC)/Higher Education Commission (HEC), Pakistan/Pakistan Engineering Council (PEC)/Pakistan Bar Council (PBC) or any other relevant authority for the verification of their academic credentials.

Details are available at:  
<http://hec.gov.pk/english/services/students/Degree%20Attestation%20System/Pages/Degree-Attestation.aspx>

\* Minimum subject requirement for O Levels may vary regionally and can be checked at [ibcc.edu.pk/equivalence.php](http://ibcc.edu.pk/equivalence.php)

\*\*For SBASSE Undergraduate admissions, principal subjects for A Levels are Biology, Chemistry, Computing/Computer Science, Mathematics, Further Mathematics and Physics

## 2 PERFORMANCE IN THE ADMISSION TEST

### FOR SDSB/MGSHSS\*

**SAT (with Essay)** is mandatory for all applicants applying to the Suleman Dawood School of Business (SDSB) and Mushtaq Ahmad Gurmani School of Humanities and Social Sciences (MGSHSS).

The deadline to take **SAT (with Essay)** for **Fall 2019** is **March 9, 2019**. Applicants can register for SAT at: [www.collegeboard.org](http://www.collegeboard.org)

### FOR SAHSOL\*

Applicants applying to the BA-LL.B Programme are required to take the following two (2) admission tests in order to be considered for Fall 2019 admission:

1. **SAT (with Essay)**; and
2. **The Law Admission Test (LAT)**

**SAT (with Essay)** is mandatory for all applicants applying to the BA-LL.B Programme.

The deadline to take **SAT (with Essay)** for **Fall 2019** is **March 9, 2019**. Applicants can register for SAT at [www.collegeboard.org](http://www.collegeboard.org)

The **Law Admission Test** is a requirement set by the Honourable Supreme Court of Pakistan for admission into BA-LL.B Programme. Detailed information is available at: <http://hec.gov.pk/english/HECAnnouncements/Pages/LLB-Test.aspx>

### FOR SBASSE

Applicants applying to the Syed Babar Ali School of Science and Engineering (SBASSE) Undergraduate Programmes are required to take the following two (2) admission tests in order to be considered for Fall 2019 admission:

1. **SAT (with Essay)**; and
2. Either **SAT Subject Test** (in at least 3 of the 4 SAT subject tests listed below):
  1. Biology-M
  2. Chemistry
  3. Mathematics II-C
  4. Physics
 or **LUMS SBASSE Subject Test**. The **LUMS SBASSE Subject Test** for Fall 2019 admissions will be held **ONLY ONCE** in **February 2019**.

- Applicants taking **SAT (with essay)** and/or **SAT Subject Tests** on or before **December 1, 2018** and not planning to retake it in March 2019 will be considered for **First Round Offers**.
- Applicants planning to take **SAT (with essay)** and/or **SAT Subject Tests** on **March 9, 2019** will be considered for **Second Round Offers**.

## CRITICAL DATES

**DEADLINE TO TAKE SAT (FIRST ROUND OFFERS)**  
**DECEMBER 1, 2018**

**DEADLINE TO APPLY**  
**FEBRUARY 12, 2019**

**DEADLINE TO SUBMIT DOCUMENTS**  
**FEBRUARY 13, 2019**

**DEADLINE TO TAKE SAT (SECOND ROUND OFFERS)**  
**MARCH 9, 2019**

**ADMISSION DECISIONS**  
**APRIL - JULY 2019**

\*

- Applicants taking **SAT (with Essay)** on or before **December 1, 2018** and not planning to retake it in **March 2019** will be considered for **First Round Offers**.
- Applicants planning to take **SAT (with Essay)** on **March 9, 2019** will be considered for **Second Round Offers**.

## 3 INTERVIEW (IF CALLED)

A merit ranking for interview shortlisting is done on the basis of information provided by the applicants. Only shortlisted candidates are called for interviews.

### NOTE

- The Essay component of the SAT is mandatory for all Undergraduate applicants for Fall 2019 admissions; SAT taken without Essay will not be considered for evaluation.
- Official test scores of all applicants must be received by the LUMS Admissions Office directly from the testing agency i.e. ETS. Applicants must request ETS to send a direct report to LUMS. The College code for reporting SAT scores to LUMS is 0513.
- SAT (With Essay) and/or SAT Subject Tests scores before March 2017 will not be considered for Fall 2019 admissions.
- SAT (with Essay) and SAT Subject Tests taken after March 2019 will not be considered valid for Fall 2019 admissions.

# FINANCIAL SUPPORT

Financial support for undergraduate students could range from full support that includes 100% tuition fee waiver and stipend to meet all expenses, to varying degrees of tuition fee waivers and interest free loans. The amount and form of assistance is based on assessed financial need, academic performance, prevailing University policies and available financial resources.

Several merit and need-based scholarships are also available for students who meet specific criteria.

## Local Students

- **100 Merit Scholarships** for top ranked applicants
- **Fee Refund of 1 SAT Attempt** to admitted undergraduate students with assessed financial need
- **Application Processing Fee Waiver** for applicants with high financial need
- **Need-based Tuition Fee Waiver and LUMS Interest Free Loan** are offered to students with demonstrated need covering partial to full tuition fee expenses of the programme.
- **External Scholarships** There are several named scholarships available for students supported by individuals and organisations from around the world. Support and eligibility for these scholarships vary depending on the donor.
- **National Outreach Programme** provides full funding that includes total tuition waiver and stipend to meet all other expenses to students who come from highly underprivileged backgrounds and cannot afford university education. For details, please visit <https://nop.lums.edu.pk/how-to-apply-nop>

**Note:** Admission to all LUMS programmes is purely on merit and independent of students' ability to pay. Once a student has been admitted to a programme, there are several mechanisms in place to provide financial support based on need and merit.

LUMS is committed to provide financial assistance to all deserving students in reaching their academic goals within the resources available to the University. All awards are reassessed each academic year based on performance, need, available resources and prevailing University policies.

## International Students

LUMS targets the best for a world-class education and experience. Scholarship options are available to international students who meet the University merit criteria.

- **Shahid Hussain Foundation Scholarship** is available for applicants who are nationals of SAARC member countries. Pakistani nationals are not eligible for this scholarship.



# ALUMNI NETWORK

From your first day as a LUMS student, you have access to one of the most supportive and powerful professional networks: the LUMS Alumni Network. This 12,000+ member body is actively connected and continues to contribute to private and public sectors in diverse industries around the globe. Eight local and eighteen international alumni chapters and their integrated online communities also help them stay in touch with their alma mater. They play a powerful role in the growth and progress of the University through events, outreach, mentorship, funding and job placements.

## Our Alumni Stars

### ACADEMICS

**Dr. Umar Saif**  
Vice Chancellor  
Information Technology  
University

**Dr. Saad Gulzar**  
Assistant Professor  
Stanford University

**Bilal Ahsan Malik**  
Assistant Dean  
Harvard College  
Harvard University

### SCIENTISTS

**Zain Yousaf**  
Associate Scientist  
III-Biogen

**Dr. Omar Mubin**  
Senior Lecturer  
Human Computer Interaction  
Western Sydney University

**Saleem Ehsan Dar**  
Research Scientist  
Rush Cancer Institute

### ENTREPRENEURS

**Sidra Nadeem Riaz**  
CEO  
Sindbad Dolmen Group

**Salman Wasay**  
Co-Founder  
Chaaye Khana

**Muhammad Junaid Saleem**  
CEO and Co-Founder  
TripKar.com

### LEADERS

**Awais Hassan**  
Executive Vice President  
Habib Bank AG Zurich

**Ali Naqvi**  
Executive Chairman  
Global Markets Asia Pacific  
Credit Suisse

**Duraidd Qureshi**  
Chief Executive Officer  
Hum TV

### WRITERS AND ARTISTS

**Cyril Almeida**  
Assistant Editor and Columnist  
Dawn

**Bilal Tanweer**  
Author  
Assistant Professor  
Lahore University of  
Management Sciences

**Ali Hamza**  
Musician

### POLICYMAKERS

**Ambreen Iqbal Malik**  
Policy Specialist  
UNDP

**Saud Mukhtar**  
Commercial Manager  
Department for International  
Development

**Syed Ansar Hussain Shah**  
Diplomat  
Ministry of Foreign Affairs  
of Pakistan



**Zahra Hatim Lakdawala**  
Senior Research and Software  
Development Scientist  
MP Geomechanics

**Jahanzaib Shafique**  
Co-Founder  
JBnJAWS Productions

**Saad Khan,  
Ahsan Sheikh,  
Salman Danish**  
Co-Founders Active Media

**Fazal Ashfaq**  
Performance Lead  
South Asia Frontier Markets  
Google Inc.

**Mariam Zubair Khan**  
General Manager  
Jordan & Syria  
The Coca-Cola Company

**Shahzad Saleem**  
Chairman  
Nishat Chunia Group

**Bilal Khan**  
Singer, Songwriter  
and Actor

**Afia Serena Nathaniel**  
Film-maker  
Assistant Professor  
Temple University

**Sahar Atif**  
Founder and Designer  
Sahar Atif Outlet

**Hina Rabbani Khar**  
Former Finance Minister and  
Foreign Minister  
Government of Pakistan

**Shaza Fatima Khawaja**  
Member National Assembly  
Government of Pakistan

**Sarah Moin**  
Energy Efficiency Consultant  
World Bank Group

**Syed Irfan Ali**  
Executive Director Banking  
Policy and Regulations Group  
State Bank of Pakistan

**BY THE NUMBERS**

**24** reunions conducted  
internationally

**192** alumni contributing at C-level  
leadership

**PKR 27.6** million donated in 2016-17  
in continued commitment to social  
responsibility

**LAHORE UNIVERSITY OF MANAGEMENT SCIENCES (LUMS)**

DHA, Lahore Cantt. 54792, Lahore, Pakistan

 +92 42 111 - 11 - LUMS (5867) Ext. 2177

 admissions@lums.edu.pk

 www.lums.edu.pk



#KEEPPGOINGPLACES

#MERITMATTERS