Dean's Message

Message It is with great pleasure and enthusiasm that I extend a warm welcome to you on behalf of the Faculty of Sciences and Humanities at National University of Computer and Emerging Sciences. As the Dean of this esteemed faculty, I am delighted to introduce you to the myriad of opportunities awaiting you within our academic community.

At the Faculty of Sciences and Humanities, we pride ourselves on fostering a dynamic learning environment where curiosity thrives, and innovation flourishes. Whether your passion lies in exploring the mysteries of the universe through Mathematics, or unraveling the nuances of Applied Linguistics, our diverse range of programs offers something for everyone. It sounds pertinent to mention that the Department of Sciences and Humanities, Lahore Campus, enjoys the credit to produce the first ever PhD in Mathematics and has so far produced 35 PhD's who are serving in the nook and corner of the country and abroad in their forte. To add to this, Lahore Campus also bags the honour to have successfully launched M Phil Applied Linguistics and have produced unnumbered graduates with specialty in Computational Linguistics, and they are either serving in various fields or have earned international scholarship and are pursuing their higher education in globally renowned universities abroad.

Here, you will find dedicated faculty members who are not only experts in their fields but also deeply committed to nurturing your intellectual growth and development. Our faculty members are not just educators; they are mentors, collaborators, and catalysts for your academic success. They are here to guide you, inspire you, and challenge you to reach new heights of academic excellence.

As a student in the Faculty of Sciences and Humanities, you will have access to state-of-the-art facilities, cutting-edge research opportunities, and a supportive community of peers who share your passion for knowledge. Whether you aspire to pursue a career in academia, industry, or beyond, our comprehensive curriculum and experiential learning opportunities will equip you with the skills, knowledge, and confidence to thrive in today's rapidly evolving world.

Beyond the classroom, our faculty encourages active engagement in extracurricular activities, student organizations, and community initiatives. These experiences not only enrich your academic journey but also help you develop essential leadership, communication, and teamwork skills that are invaluable in any professional setting. Moreover, our commitment to diversity, equity, and inclusion ensures that every student feels valued, respected, and empowered to contribute their unique perspectives to our vibrant academic community. We believe that diversity is not only a source of strength but also essential for driving innovation and solving the complex challenges facing our world today.

Dr. Akhlaq Ahmad Bhatti

Professor and Dean (Sciences and Humanities)
PhD Approved Supervisor
PhD (Math), GCU, Lahore (2007)
MPhil (Math), GCU, Lahore (2003)
MSc (Math), GCU, Lahore (2001)

As you embark on this exciting journey of exploration and discovery, know that the Faculty of Sciences and Humanities is here to support you every step of the way. Whether you have questions about our programs, need assistance with the admissions process, or simply want to learn more about what makes our faculty special, please don't hesitate to reach out to us.

On behalf of the entire faculty and staff, I wish you all the best in your academic endeavors. We look forward to welcoming you to our community and witnessing the incredible contributions you will undoubtedly make during your time with us.

MS Admission Test, Eligibility and Selection Criteria

Degree		Master of Science (Applied Linguistics)	
Admission Test	Applicant must select **only one** out of the three admission test options	FAST-NUCES GRE General NTS GAT-B General	
Eligibility	Master Degree in English Language Teaching (ELT), or Teaching English as a Second Language (TESL) or English Literature (EL) or equivalent degree from a recognized University after 16 years of education	Minimum 55% marks or CGPA of at least 2.00 on a scale of 4.00	
Selection Criteria	1	Weightage of Admission Test marks	50%
	2	Weightage of past academic record (4 year Bachelor or 2 year Bachelor/2 year Master)	50%

Degree		Master of Science (Mathematics)	
Admission Test	Applicant must select **only one** out of the three admission test options	FAST-NUCES GRE General NTS GAT-B General	
Eligibility	Degree in a relevant subject or a related discipline earned from a recognized University after 16 years of education	Minimum 55% marks or CGPA of at least 2.00 on a scale of 4.00	
Selection Criteria	1	Weightage of Admission Test marks	50%
	2	Weightage of past academic record (4 year Bachelor or 2 year Bachelor/2 year Master)	50%

NOTE: All documents/transcripts will be checked at the time of admission. Any incorrect/false information submitted by the applicant or any attempt to hide information will lead to disqualification of the candidate.

Master of Science (Applied Linguistics)

Program Mission

There is an ever – growing demand of trained English teachers. Colleges, universities, and language school all need qualified English teachers. English has now become more than a mare language. It is a bridge across borders and cultures, and a source of unity in a rapidly evolving world. This program shall enable students to learn how linguistic analysis can be used in practice in the vast arena of Language with specie allegations in Computer Assisted Language Learning (CALL), Computational Linguistics (CL), English Language Teaching (ELT), and English for Specific Purposes (ESP). This program inculcates specialized skills to effectively perform teaching of English language. This program integrates Language and computing skills.

Career Opportunities

To produce qualified teaching resource.

To integrate ICT (Information and Communication Technologies) in Teaching of English Language.

To develop collaborative r-learning resources for teaching.

To encourage teachers to be critically engaged in advanced research in English language teaching and learning.

Award of Degree

For the award of Master of Science (Applied Linguistics) degree, a student must have:

- Passed courses totaling at least 30 credit hours, including all those courses which have been specified as core courses.
- Obtained a CGPA of at least 2.50.

Tentative Study Plan-Master of Science (Applied Linguistics)

Code	Title	Cr.Hrs	
Semester-I			
SS5001	Computing Assisted Language Learning	3	0
SS5002	Fundamentals of Language and Linguistics	3	0
SS5003	Computational Linguistics	3	0
	Total	9	0
Semester-II			
SS5005	Research Methodology	3	0
SSxxxx	Specialist Module-I	3	0
SSxxxx	Elective-I	3	0
	Total	9	0
Semester-III			
SS5091	Thesis-I	0	3
SSxxxx	Specialist Module-II	3	0
	Total	3	3
Semester-IV			
SS5092	Thesis-II	0	3
SSxxxx	Elective-II	3	0
	Total	3	3
	G. Total	30	

Registration in 'MS Thesis-I' shall be allowed provided the student has

a.   Earned at least 18 CH

b.   Passed the 'Research Methodology course' AND

c.   CGPA is equal to or more than 2.50

Master of Science (Mathematics)

Program Mission

The Master of Science (Mathematics) program at FAST-NUCES in committed to provide an excellent major for students, whose career goals are teaching, immediate entry into allied arenas or pursuit of a higher research degree in mathematics. This program will enable students to develop quantitative and abst5ract reasoning by using mathematics as an analytical tool. In fulfilling this mission, the department has created an environment for quality instruction to all students in Mathematics courses and nurturing a pleasant and constructive faculty student interface.

Career Opportunities

To integrate relevant knowledge and pose new questions across a range of pure and applied mathematics.

To provide a background of mathematics for research and development.

To learn novel mathematical concepts, methods and tools for application in the applied fields.

To construct, analyse and interpret mathematical models for real-life problems, drawing from a wide range of areas of mathematics.

To bridge the gap for mathematicians between financial academic institutions.

Award of Degree

For the award of Master of Science (Mathematic) degree, a student must have:

- Passed courses totaling at least 31 credit hours, including four core courses.
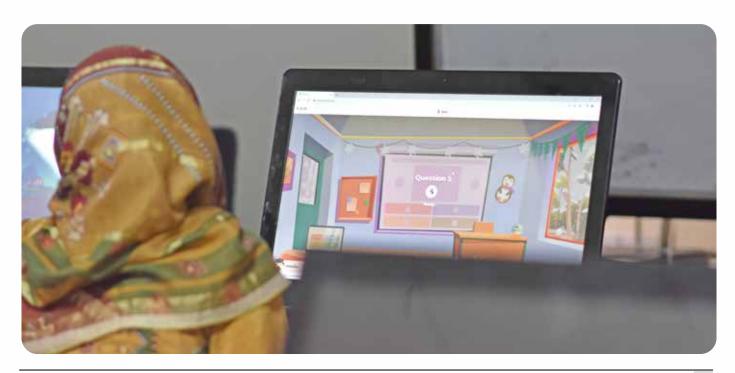- Obtained a CGPA of at least 2.50.

Tentative Study Plan-Master of Science (Mathematics)

Code	Title	Cr.Hrs	
Semester-I			
MT	Core Course-I	3	0
MT	Core Course-II	3	0
MT	Elective-I	3	0
MT	Elective-II	3	0
	Total	12	0
Semester-II			
MT	Core Course-III	3	0
MT	Core Course-IV	3	0
MT	Elective-III	3	0
MT	Elective-IV	3	0
	Total	12	0
Semester-III			
SS5011	Research Methodology	1	0
MT	MS Thesis-I	0	3
	Total	1	3
Semester-IV			
MT	MS Thesis-II	0	3
	Total	0	3
	G. Total	31	

Registration in 'MS Thesis-I' shall be allowed provided the student has

a. Earned at least 15 CH

b. Passed the 'Research Methodology course' AND

c. CGPA is equal to or more than 2.50

A student has the option to pursue MS either by undertaking a 6 credit hour MS Thesis, or by taking a 3 credit-hour research Survey Plus one taught course.