



Foundation University  
Rawalpindi Campus

**PROSPECTUS 2020**

**INTRODUCING FUI**



## EXPERIENCE THE FOUNDATION UNIVERSITY



It is a pleasure to warmly welcome you to Foundation University Islamabad (FUI). Let me take this opportunity to assure you that by choosing FUI you have opted for one of the best institutions. This is a decision you will be well proud of.

You will find yourself to be the most important person at FUI where academic processes, university activities, and pedagogical practices are all geared towards providing students the best possible learning experience. The FUI prides itself for providing a nurturing environment where diversity, critical thinking and innovative ideas are celebrated and differences respected. During your stay here, we will ensure that you get access to the best of human resource, the latest information resources, and state-of-the-art facilities.

I would expect you to be a partner in our journey towards bigger and better destination. I would urge you to gel in the large learning community, interact with the faculty and other students as much as you can and make a positive difference in the campus life, through various clubs and societies. I am sure our bond will flourish beyond the confines of your programme and we will continue to share your progress through our Alumni Association.

I wish you all the best and invite you to embark on a marvelous academic journey with us as we aspire to contribute towards the development of nation through excellence in education, research and innovation.

**Maj Gen Changez Dil Khan, (Retd)**  
Rector, Foundation University Islamabad



Welcome to Foundation University Rawalpindi Campus; A true learning organization. FURC is a comprehensive university, where we offer a fine mix of programs from electrical and software engineering to management and social sciences subjects, encompassing an array of arts and science subjects in totality.

We have around 4000 undergraduate and graduate students in a nurturing ambiance that allows their individual intellect to bloom and flourish. We have excellent faculty who are deeply involved in their professional pursuits while keeping their scholarly work student-centered. Apart from well-defined and HEC approved curricula, we organize seminars, conferences and workshops for our students which further enhance and accelerate the class room learning. As a regular feature we invite renowned speakers (National and International) to share their experiences in thought provoking and stimulating discussions.

The staff, faculty and administration are passionately motivated to ensure that when our students graduate, they possess requisitely polished professional and life skills, nurtured talents, and are ready for a rewarding career.

I wish all our students the best of luck

**Brig. Dr. Abdul Ghafoor (Retd)**

Pro-Rector/Director, Foundation University Rawalpindi Campus

# FOUNDATION UNIVERSITY

## RAWALPINDI CAMPUS

### Mission

Foundation University Islamabad's Rawalpindi Campus strives to:

- Offer the best learning experience in the domains of Engineering, Computing, Humanities, Social and Management Sciences through state-of-the-art infrastructure, research facilities and activities
- Provide hands-on professional exposure through university-industry and global linkages
- Promote ethical and humanistic values among its community through co-curricular activities
- Nurture a commitment to critical and academic inquiry in our learners, while fostering creative potential, and strengthening their analytical abilities and research skills
- Address industry and community related challenges through multi-disciplinary approach



“ ”

FUI is full of possibilities, allowing you to develop your academic work alongside pretty much anything else you could possibly be interested in... it's really about realizing the University's potential as much as your own.

Rashid





# INTRODUCING FUI

Why FUI  
Meeting Standards  
Life at Campus

# SUPPORT FOR YOUR STUDIES

Platform for Students  
Sports  
Co/Extra Curricular  
Studies & Research

# CLUBS & SOCIETIES

Sports & Adventure Volunteer Club (FUVC)  
Society for Arts & Literature (SAL)  
Professional Bodies/Forums

# MORE

More Events





# APPLYING AT FUI

How to Apply  
International Students

# OUR PROGRAMS

Choosing What to Study  
Eligibility Criteria  
Program Details

# WHAT IT COSTS

Fee & Funding





**RANKED AS W4 CATEGORY**

## WHY FUI?

In line with a contemporary approach to study, work and innovation, the campus has adapted to the changing demands of global business education, engineering and social sciences. The academic is combined with practical, to develop students' personalities and confidence by providing a conducive environment to lead students towards their career goals. The strong research and market links ensure course materials to be always up-to-date and relevant to what's happening elsewhere.



## WHAT FURC PROVIDES

- Scholarship for students
- Media House & FM Channel
- Psychology Clinic
- State of the Art Computer Labs
- Video Conferencing Facility
- University of Bedfordshire Degree in 3 + 1 progression for BBA & BS Psychology
- Highly Qualified Faculty
- Dynamic Educational Atmosphere
- Contemporary Teaching Method

## OUR ACADEMICS

- |                                   |      |
|-----------------------------------|------|
| ▪ Programs Offered                | 27   |
| ▪ Total Students Graduated        | 7467 |
| ▪ PhD Scholars Graduated          | 47   |
| ▪ MS/M.Phil Graduated             | 425  |
| ▪ Research publications (5 years) | 625+ |
| ▪ Graduation rate of our students | 95%  |
| ▪ Seminars and Workshops per year | 50 + |



## MEETING STANDARDS

The campus places strong emphasis on professional accreditations. Courses have been designed to meet the needs of professional organizations and industry. Nearly all courses have practical components, so one will have plenty of opportunities to gain hands on experience in real life situations through case studies or practical work through state-of-the-art facilities and internships with national and multinational companies and Banks. Programs offered at the University are mostly developed on modern lines so as to fulfill the future requirements of the market and industry. Books, Journals and Periodicals at the University have been selected keeping in view the needs of the scholars and researchers. Online resources have been provided in the library in collaboration with HEC for latest information. The campus also provides the students with high performance computers to work at.



I think the quality of teaching at FURC is outstanding. . I have really benefited from the attention of my teachers and small-group tutorial learning which has driven me to work harder and learn more than I thought I could and above all I enjoyed.

**Taimoor**



## YOUR ACTIVE PARTICIPATION

Extra and Co-curricular activities are encouraged at the campus for the grooming of students. There are a number of societies active at the campus including societies of Engineering, Business, Software students, Art and Dramatic, Music, Debating and Sports. Apart from these societies, Educational Trips are also planned regularly. Active participation of class representatives including girls is encouraged in forming various teams/societies.

# LIFE AT CAMPUS



## FOOD COURT

The Food Court at FURC provides the campus community with a large selection of healthy and affordable dining options. Whether you're in a mood to relax and hang out, or buckle down and study, the food court and student cafes provide you with a unique atmosphere and menu to fit your needs.



## CULTURE

FURC cultivates a rich culture of personal growth, exploration and independence. It offers a favorable environment to learners where they can unleash their latent potentials, and discover their inner strengths and talents. The students practically learn how to work as a team and materialize their ideas by organizing and participating in national and international events. The promoted values of mutual respect, personal integrity and coexistence contribute to the positive development of students' character and transform them into responsible and helpful nationals.



# LIFE AT CAMPUS

## INFORMATION RESOURCE CENTER

Books, journals and periodicals for the library have been carefully selected, keeping in view the needs of scholars and researchers. Presently the Library has 20816 Books and 46, Research Journals and Magazines. The diverse collection of journals, encyclopedias and course specific books is continuously being enhanced to meet the ever changing requirements of students of various faculties. The IRC offers online resources in collaboration with HEC for latest information.



## INFORMATION TECHNOLOGY CENTER

Purpose-built and state-of-the-art computer labs serve the needs of the students of all disciplines. Computer skills are imparted as a core course to students of all the disciplines. The labs are well equipped to cater for the needs of beginners as well as for researchers of postgraduate level. University has recently equipped its IT labs with high performance computers.





## SPORTS

Sports play a prominent role in the life of students. At FURC students are encouraged to take part in sports activities so as to promote physical health and mental fitness.

FUI believes that extra and co-curricular activities are essential to groom students. FURC Sports Society organizes sports throughout the academic year.

### SPORTS FACILITIES

- Regular competitions between Campuses and organization of Sports Week.
- Sports facilities includes: Basketball court, Futsal area, Badminton court, Volley ball and Table tennis area, Cricket and Football Ground.

### SPORTS SOCIETY

Join a group of peers who share a common interest in recreation and sport. Sports Societies are student initiated and student-run. Sports are organized by the Student Affairs providing opportunities for developing team-spirit and friendliness among students.



Indulging in sports at FURC benefited me in my academic life as well. It boosted my self-esteem and I learned the qualities of leadership and team spirit.

**Haris**



## STAY CONNECTED

Email us at: [info.furc@fui.edu.pk](mailto:info.furc@fui.edu.pk)

Admission Office, Foundation University  
Rawalpindi Campus, New Lalazar,  
Rawalpindi, Pakistan



## CO/EXTRA CURRICULAR

Extra and Co-curricular activities are encouraged at the campus for the grooming of students. The University has a number of societies like:

- Engineering Societies
- Business Club
- Arts and Dramatic Society
- Music Society
- Debating Society
- Sports Society
- Professional Forums

Apart from these societies, community work and educational trips/ tours are also planned.

## FOUNDATION VOLUNTEER CLUB

FURC has maintained a steadfast commitment to advancing society through meaningful individual and collective participation in public service.

## ORGANIZING EVENTS

Different activities are scheduled throughout the year to provide opportunities for further development. The Event Management Society is responsible for organizing seminars, fun fair, annual dinners and many other activities under the supervision of the Student Affairs.

Your education will extend far beyond your courses. Joining extracurricular activities will complement your studies and create wonderful opportunities for friendship and learning. Student activities range in skill levels; you can pursue life-long passions or novel interests.



## WHY VOLUNTEER?

- Have a positive social impact in your local community.
- Develop valuable skills: communication, leadership and teamwork.
- Meet like-minded students.



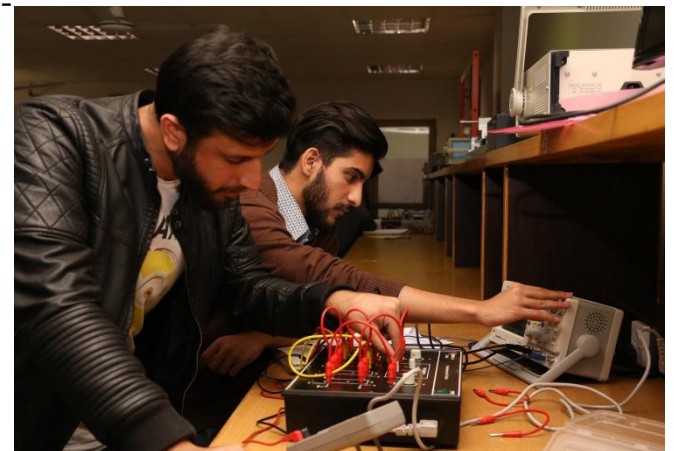
At Foundation University, we expect our students to dive into academic life, get to know their professors, and pursue interests both inside and outside of the classroom. The curriculum is structured, but you will have the chance to be creative, as well.

### ESSENTIAL FOR YOUR STUDIES

- Over 27 programs being offered at the Campus
- Highly qualified Faculty
- 19 fully equipped Engineering and IT Labs
- Library with 20816 books and 46, Research Journals and Magazines
- Exceptional study and research resources

### FURC RESEARCH CONFERENCES & JOURNALS

- Foundation University Journal of Psychology (FUJP)
- Foundation University Journal of Business & Economics (FUJBE)
- Foundation University Journal of Engineering and Applied Science (FUJEAS)
- Foundation University Business Research Conference (FUBRC)
- Foundation University Conference of Psychology (FUCP)



## INTERNATIONAL COLLABORATIONS

Foundation University Islamabad (FUI) has signed an MOU with University of Bedfordshire (UOB) UK. The salient features of the MOU include students and faculty exchange, progression arrangement, research collaboration and training. The progression arrangement is a 3+1 program offered by University of Bedfordshire UK at undergraduate level. The students of BS program

of Software Engineering, Psychology and Business & Technology Department complete their three years of education at Foundation University and the last year of their study program at UOB. The degree is finally awarded by the UOB.

After completion of first three years at BS level programs, the students will be assessed for their admission to UOB under the criteria agreed between both the universities.

### SUMMER CAMP

24 students of Faculty of Business and Technology attended the summer camp at UOB in September 2017. Approximately 35 students are expected to attend summer camp this year. The summer camp activities included subject related lectures, visits of London, Luton, Cambridge and Stratford.



## MORE INFO

Email us at: [info.furc@fui.edu.pk](mailto:info.furc@fui.edu.pk)

Admission Office, Foundation University  
Rawalpindi Campus, New Lalazar,  
Rawalpindi, Pakistan



**Further Details:**  
<http://fui.edu.pk>  
 Email us at: [info.furc@fui.edu.pk](mailto:info.furc@fui.edu.pk)  
 +92-51-5151437 (ext. 222, 283)

## SCHOLARSHIPS

### FOUNDATION PRE-ADMISSION MERIT SCHOLARSHIP

The Foundation merit scholarship shall be awarded for first semester only. From the second semester onwards, the students shall compete with other students for Merit Scholarship.

Based on Marks in F.A/ F.Sc/ A Level/ Equivalent	%age of Tuition Fee Waiver
FURC - 85% and above (Minimum baseline)	75% Fee waiver for first-three position holders in each BS program securing 85% or more marks in HSSC/Equivalent level for first semester

### MERIT SCHOLARSHIP

The students of undergraduate programs achieving distinctions in university examinations will be awarded merit scholarships with minimum SGPA equal or more than 3.50 out of 4.00 and minimum 75% attendance for all disciplines under semester system.



I am extremely delighted to see that Foundation University is removing economic barriers and grateful for the opportunity to come here and learn from amazing professors and peers. FUI is committed to ensuring that my education is affordable.

**Farhan**

### NEED BASED MERIT SCHOLARSHIP

Financial Assistant Program is meant to provide assistance to needy talented students. The available amount is given to the deserving students after detailed working by the Financial Assistance Committees (FACs). Financial Assistance is initially granted for one academic year/semester and is revised at the end of academic year/semester.





# CLUBS & SOCIETIES

Besides academic excellence, students at FURC are encouraged to display dynamic literary, creative and artistic abilities and aptitude for co-curricular activities. The main objective is to provide them with opportunities to pursue their passion in the company of like-minded individuals. Head of Student Affairs is responsible for co-curricular activities at the campus. The following central clubs and societies provide students the opportunity to exhibit their talents:

- > Professional Forum
- > Arts & Literature
- > Self Development
- > Sports and Adventure
- > Community Services
- > Brainiacs
- > Leaders
- > Entrepreneurs
- > Engineers
- > Volunteers

## Outside the Classrooms

Clubs and Societies are assigned to Student Affairs, who appoint Faculty Sponsors for Clubs/Societies. Faculty Sponsor must guide and help office bearers and members of the concerned Club/Society.



Self-confidence is a key to success in life. Being an active member of the Arts & Literature society I expressed and polished my creativity here at FURC

**Humza**



FURC Sports Society (FSS)	FURC Environment Club (FEC)	FURC Literary Circle (FLC)	FURC Community Service Club (FCSC)	FURC Dramatic Club (FDC)	FURC Debating Society (FDS)
FURC Arts & Design Club (FA&DC)	FURC Entrepreneurs Club (FEC)	FURC Leaders Society (FLS)	FURC Excursion Club (FEC)	FURC Robotics Club (FRC)	FURC Cultural Club (FCC)
FURC Economics Society (FES)	FURC Music Club (FMC)	FURC Character Building Society (FCBS)	FURC E-Gamming Club (FEGC)	FURC Adventure Club (FAC)	



## OTHER EVENTS

### ALUMNI DINNER

Alumni Association of FUI aims to help you stay in touch with your campus and other alumni, no matter wherever you are in the world. The Alumni Association - with graduates from all academic programs at FUI form an integral part of the University. This ever-growing body represents a rich resource base for the campus with its huge reservoir of diverse talents and expertise spanning over areas. Through this alumni body, the campus will ensure that good communication link is established amongst the alumni as well as between the alumni and the campus.



Alumni dinner was about building connections with members of our alumni community. I am so glad I met my old chaps.

**Sehar**



I have really benefited and learn from my senior experiences and sought professional advice.

**Moiz**



## GET CONNECTED

<http://alumni.fui.edu.pk>

Email us at: [alumni@fui.edu.pk](mailto:alumni@fui.edu.pk)

Foundation University Rawalpindi Campus,  
New Lalazar, Rawalpindi, Pakistan



(051) 111-384-111



[alumni@fui.edu.pk](mailto:alumni@fui.edu.pk)



[www.alumni.fui.edu.pk](http://www.alumni.fui.edu.pk)

## OTHER EVENTS

### FOOD FESTIVAL

Opportunities to take part in other activities like educational trips to other cities, taking part in food festivals and debating are encouraged.

At FURC food festival, enjoy and discover a great selection of delicious artisan producers, the tastiest street food, a stellar line-up of cooks and chefs, fabulous entertainment and family fun.



If you have a bit more of an appetite, fill up on the many street food options. Students at FURC bring food of all culture.

**M. Hadi**

### WELCOME THEME EVENING

During the Welcome Programme held at the beginning of each semester we welcome new students to the Foundation University.



## EVENTS INFO

Email us at: [info.furc@fui.edu.pk](mailto:info.furc@fui.edu.pk)

Event updates at website:

<http://fui.edu.pk>

Admission Office, Foundation University Rawalpindi Campus, New Lalazar, Rawalpindi, Pakistan



**Foundation University**  
Rawalpindi Campus

[www.fui.edu.pk](http://www.fui.edu.pk)

051-111-3872-11 (ext: 238, 222)

Foundation University Rawalpindi Campus,  
New Lalazar, Rawalpindi, Pakistan



fuislamabad



Foundation University  
Islamabad



fuislamabad



FM 101.8



@foundationuniversityislamabad



**Foundation University**  
Rawalpindi Campus



## CHOOSING WHAT TO STUDY

Getting this decision right is crucial to enjoying your time at university so explore your options, even if you think you know what you want to study. Your degree course will run for three or more years and your workload will feel much lighter if you genuinely love your course. In our view, the right subject is like a good book – it should be hard to put down.

### CHOOSE YOUR INTEREST

Having a clear favorite might make this decision easy but do still check out the structure and content of the course and consider how these might differ from other universities you are applying to. Subjects at degree level can be quite different from studying them at school.

### CHOOSING A PROGRAM?

- If you are looking for a program that will allow you to enter directly into a specific career after graduation, our Professional programs like Engineering, Media, Arts, and Psychology will allow you to do so.
- Evaluate your skills. How well do they match your interests? Narrow down your choices by doing research into different areas.

The vast majority of jobs do not specify the subject studied at university; all degree courses equip you with a wide range of valuable employability skills.

### CAREER OPPORTUNITIES

For example, if you are a Computing major you are being prepared for a wide range of career options that require the analytical, critical-thinking and communication skills you'll develop during computing degree. Investigate different career options and find out the educational background of people already in those positions. You'll realize that an undergraduate education gives you the skills to do so much.

## STAY IN TOUCH

You will have the chance to meet people from different walks of life at Foundation University. Some will already be recognized experts in their field but many will be students like you who may go on to have significant influence in their area of interest or career. To know more about our programs:

[Info.furc@fui.edu.pk](mailto:Info.furc@fui.edu.pk)

# ADMISSION REQUIREMENTS FOR UNDERGRADUATE PROGRAMS

Below is a summary of each Program's requirements.

Programs	Duration	Eligibility	Test
Bachelor of Sciences in Electrical Engineering	8 semesters (4 years)	<ul style="list-style-type: none"> <li>F.Sc. (Pre Engineering) or Equivalent Qualification</li> <li>Minimum 60% marks</li> </ul>	FET/ETC/NAT
Bachelor of Sciences in Bio Medical Engineering Technology	8 semesters (4 years)	<ul style="list-style-type: none"> <li>F.Sc.(Pre Engineering / Pre Medical) or Equivalent Qualification</li> <li>Minimum 50% marks</li> </ul>	FET/ETC/NAT
Bachelor of Sciences in Software Engineering	8 semesters (4 years)	<ul style="list-style-type: none"> <li>F.Sc. / ICS/ FA with Math or Equivalent Qualification</li> <li>Minimum 50% marks</li> </ul>	FET/ETC/NAT
Bachelor of Sciences in Computer Science	8 semesters (4 years)	<ul style="list-style-type: none"> <li>F.Sc. / ICS/ FA with Math or Equivalent Qualification</li> <li>Minimum 50% marks</li> </ul>	FET/ETC/NAT
Bachelor of Sciences in Information Engineering Technology	8 semesters (4 years)	<ul style="list-style-type: none"> <li>F.Sc. / ICS/ FA with Math or Equivalent Qualification</li> <li>Minimum 50% marks</li> </ul>	FET/ETC/NAT
Bachelor of Business Administration	8 semesters (4 years)	<ul style="list-style-type: none"> <li>F.Sc/FA/I.Com or Equivalent Qualification</li> <li>Minimum 50 % marks</li> </ul>	FET/ETC/NAT
Bachelor of Sciences in Accounting & Finance	8 semesters (4 years)	<ul style="list-style-type: none"> <li>F.Sc/FA/I.Com or Equivalent Qualification</li> <li>Minimum 50 % marks</li> </ul>	FET/ETC/NAT
Bachelor of Science in Psychology	8 semesters (4 years)	<ul style="list-style-type: none"> <li>FA/FSc or Equivalent Qualification</li> <li>Minimum 50 % marks</li> </ul>	FET/ETC/NAT
BS Media & Communication	8 semesters (4 years)	<ul style="list-style-type: none"> <li>FA/FSc or Equivalent Qualification</li> <li>Minimum 50 % marks</li> </ul>	FET/ETC/NAT
Bachelor of Computer Arts	8 semesters (4 years)	<ul style="list-style-type: none"> <li>FA/FSc or Equivalent Qualification</li> <li>Minimum 50 % marks</li> </ul>	FET/ETC/NAT
BS English	8 semesters (4 years)	<ul style="list-style-type: none"> <li>FA/FSc or Equivalent Qualification</li> <li>Minimum 50 % marks</li> </ul>	FET/ETC/NAT
BS Tourism and Hospitality	8 semesters (4 years)	<ul style="list-style-type: none"> <li>FA/FSc or Equivalent Qualification</li> <li>Minimum 50 % marks</li> </ul>	FET/ETC/NAT

# ADMISSION REQUIREMENTS FOR GRADUATE PROGRAMS

Below is a summary of each Masters (MS) and Doctoral (PhD) program requirements.

Programs	Semester	Eligibility	Test
<b>MS (Computer Sciences)</b>	1.5 - 4 years	<ul style="list-style-type: none"> <li>16 years of education in BSCS/BCSE/BSSE or relevant subject.</li> <li>A minimum CGPA 2.0 out of 4.0 or 60% marks in case of annual system is required.</li> <li>The university may recommend deficiency courses after considering the educational background.</li> </ul>	<ul style="list-style-type: none"> <li>FET/ETC/GAT (G)</li> <li>Interview</li> </ul>
<b>MS Management Sciences</b>	1.5 - 4 years	<ul style="list-style-type: none"> <li>16 years equivalent degree duly recognized by HEC.</li> <li>A minimum CGPA 2.0 out of 4.0 or 60% marks in case of annual system is required.</li> </ul>	<ul style="list-style-type: none"> <li>FET/ETC/GAT (G)</li> <li>Interview</li> </ul>
<b>MS Engineering Management</b>	1.5 - 4 years	<ul style="list-style-type: none"> <li>16-year equivalent engineering degree duly recognized by HEC and PEC. Or 16-year equivalent technology-based degree (Undergrad degree in Software Engineering, Computer Sciences, IT, Bio-Informatics, Management Information Systems, BS Tech, Etc.) duly recognized by HEC.</li> <li>Minimum 2.0 CGPA in prior degree or equivalent.</li> <li>Minimum 2 years of industrial experience after undergraduate.</li> </ul>	<ul style="list-style-type: none"> <li>FET/ETC/GAT (G)</li> <li>Interview</li> </ul>
<b>MBA</b>	1.5 - 4 years	<ul style="list-style-type: none"> <li>16 years equivalent degree duly recognized by HEC.</li> <li>A minimum CGPA 2.0 out of 4.0 or 60% marks in case of annual system is required.</li> </ul>	<ul style="list-style-type: none"> <li>FET/ETC/GAT (G)</li> <li>Interview</li> </ul>
<b>MS Psychology</b>	1.5 - 4 years	<ul style="list-style-type: none"> <li>16 years of education in relevant subject.</li> <li>A minimum CGPA 2.0 out of 4.0 or 60% marks in case of annual system is required.</li> </ul>	<ul style="list-style-type: none"> <li>FET/ETC/GAT (G)</li> <li>Interview</li> </ul>
<b>MS English (Linguistics/ Literature)</b>	1.5 - 4 years	<ul style="list-style-type: none"> <li>16 years of education in relevant subject.</li> <li>A minimum CGPA 2.0 out of 4.0 or 45% marks in case of annual system is required.</li> </ul>	<ul style="list-style-type: none"> <li>FET/ETC/GAT (G)</li> <li>Interview</li> </ul>
<b>MS Media Sciences</b>	1.5 - 4 years	<ul style="list-style-type: none"> <li>16 years of education in Mass Communication, Journalism or related discipline.</li> </ul>	<ul style="list-style-type: none"> <li>FET/ETC/GAT (G)</li> <li>Interview</li> </ul>



		<ul style="list-style-type: none"> <li>A minimum CGPA 2.0 out of 4.0 or 60% marks in case of annual system is required.</li> </ul>	
<b>MS (Information Security)</b>	1.5 - 4 years	<ul style="list-style-type: none"> <li>16 years of education preferably with 4 years degree program of BS (SE/CS/IT/EE/CE) in science/engineering discipline.</li> <li>A minimum CGPA 2.0 out of 4.0 or 60% marks in case of annual system is required.</li> </ul>	<ul style="list-style-type: none"> <li>FET/ETC/GAT (G)</li> <li>Interview</li> </ul>
<b>MS (Software Engineering)</b>	1.5 - 4 years	<ul style="list-style-type: none"> <li>16 years of education in BS (SE/CS/IT/CE) or relevant subject.</li> <li>A minimum CGPA 2.0 out of 4.0 or 60% marks in case of annual system is required.</li> </ul>	<ul style="list-style-type: none"> <li>FET/ETC/GAT (G)</li> <li>Interview</li> </ul>
<b>MS Electrical Engineering</b>	1.5 - 4 years	<ul style="list-style-type: none"> <li>16 years of education leading to BS/BE degree or equivalent in Electrical/ Electronic/ Computer/ Telecom Engineering or related disciplines.</li> <li>A minimum CGPA 2.0 out of 4.0 or 60% marks in case annual system.</li> </ul>	<ul style="list-style-type: none"> <li>FET/ETC/GAT (G)</li> <li>Interview</li> </ul>
<b>MS Finance</b>	1.5 - 4 years	<ul style="list-style-type: none"> <li>16 years equivalent degree duly recognized by HEC.</li> <li>A minimum CGPA 2.0 out of 4.0 or 60% marks in case of annual system is required.</li> </ul>	<ul style="list-style-type: none"> <li>FET/ETC/GAT (G)</li> <li>Interview</li> </ul>

## PHD PROGRAMS

Programs	Semester	Eligibility	Test
<b>PhD Computer Science</b>	3-8 years	<ul style="list-style-type: none"> <li>18 years equivalent degree in relevant discipline duly recognized by HEC.</li> <li>Min CGPA 3.0 out of 4.0 is required.</li> </ul>	<ul style="list-style-type: none"> <li>FET/ETC/GAT (S)</li> <li>Interview</li> <li>Research proposal</li> </ul>
<b>PhD Management Sciences</b>	3-8 years	<ul style="list-style-type: none"> <li>18 years equivalent degree in business or relevant discipline duly recognized by HEC.</li> <li>Min CGPA 3.0 out of 4.0 is required.</li> </ul>	<ul style="list-style-type: none"> <li>FET/ETC/GAT (S)</li> <li>Interview</li> <li>Research proposal</li> </ul>
<b>PhD Psychology</b>	3-8 years	<ul style="list-style-type: none"> <li>18 years equivalent degree in relevant discipline duly recognized by HEC.</li> <li>Min CGPA 3.0 out of 4.0 is required.</li> </ul>	<ul style="list-style-type: none"> <li>FET/ETC/GAT (S)</li> <li>Interview</li> <li>Research proposal</li> </ul>
<b>PhD English</b>	3-8 years	<ul style="list-style-type: none"> <li>18 years equivalent degree in relevant discipline duly recognized by HEC.</li> <li>Min CGPA 3.0 out of 4.0 is required.</li> </ul>	<ul style="list-style-type: none"> <li>FET/ETC/GAT (S)</li> <li>Interview</li> <li>Research proposal</li> </ul>

**Note: Students with non-research based prior degrees cannot apply for PhD.**

# Department of Software Engineering

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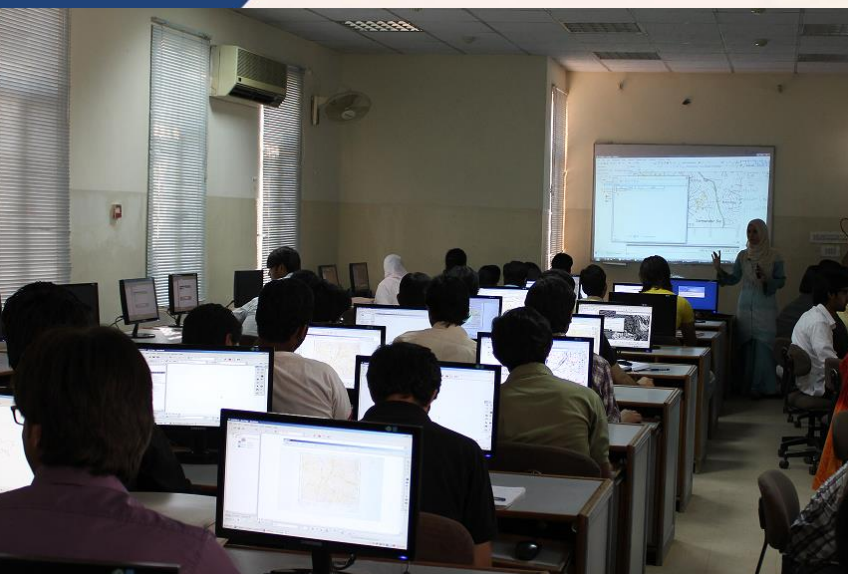
## ABOUT DEPARTMENT

The Department of Software Engineering at Foundation University Rawalpindi Campus is amongst the pioneers in the country to start formal software engineering program. We aim to produce graduates with state of the art skills in the computing domain who could conveniently align themselves with industry, government or entrepreneurial endeavors to demonstrate professional advancement hence becoming an asset for nation. In all these academic engagements we make extra efforts to inculcate ethical and moral values among students. Our alumni and students are making novel and innovative contributions in academia and professional industry across the globe. All the programs in the department are duly accredited by National Computing Education Accreditation Council (NCEAC) and HEC Pakistan.



## MISSION OF THE DEPARTMENT

- To educate and train the student in Software Engineering and Computer Science for analysis, design and implementation of high-quality Software Systems.
- To educate the students in problem solving, mathematical computation and communication skills.
- To educate students on general and professional ethics for being a responsible citizen.
- To inspire creative inquiry and research to foster personal and professional development of the students so that they can work both independently and as a part of team for the betterment of society.



# BS COMPUTER SCIENCE BSCS 4 YEARS



## LEARNING OUTCOME

- Apply concepts and techniques from computing
- Fluency in at least one programming language
- Training to analyze problems
- Design, implement, and evaluate large software systems
- Individual and team work
- Effective communication

## CAREER OPPURTUNITIES

Every industry uses computers, so naturally computer scientists can work in any discipline. Problems in science, engineering, health care, and so many other areas can be solved by computers. It's up to the computer scientist to figure out how, and design the software to apply the solution. Graduates of such programs will be able to function as proficient software

developers and effective team members. FURC graduates have strong foundation in communication, mathematics and science, with understanding of issues related to the development of high quality software systems.

## MORE DETAILS

**Apply at:** [admissions.fui.edu.pk](http://admissions.fui.edu.pk)  
<http://furc.fui.edu.pk/index.php/faculty-se/bscs>

### Semester 1

CSC1991	Introduction to Information and Communication Technology	3 (2+1)
CSC1011	Programming Fundamentals	4 (3+1)
ENG1002	English Composition and Comprehension	3 (3+0)
MTH1001	Calculus and Analytical Geometry	3 (3+0)
PHY1002	Applied Physics	3 (3+0)

### Semester 3

CSC2011	Computer Organization & Assembly Language	4 (3+1)
CSC2031	Data Structures & Algorithms	4 (3+1)
CSC2031	Discrete Structures	3 (3+0)
SEN3071	Professional Practices	3 (3+0)
-	CS Supporting – 1	3

### Semester 2

CEN1011	Digital Logic Design	4 (3+1)
CSC1012	Object Oriented Programming	4 (3+1)
ENG1011	Communication & Presentation Skills	3 (3+0)
STT2001	Probability and Statistics	3 (3+0)
-	University Elective-I	3

### Semester 4

CSC2032	Design & Analysis of Algorithms	3 (3+0)
CSC2041	Theory of Automata	3 (3+0)
CSC2022	Database Systems	4 (3+1)
MTH2021	Linear Algebra	3 (3+0)
-	University Elective – 2	3

Semester 5			Semester 6		
CSC3101	Compiler Construction	3 (3+0)	CSC3051	Artificial Intelligence	4 (3+1)
CSC3111	Operating Systems	4 (3+1)	CSC3124	Computer Networks	4 (3+1)
SEN1001	Introduction to Software Engineering	3 (3+0)	ENG3021	Technical & Business Writing	3 (3+0)
-	CS Supporting – 2	3	-	CS Elective – 1	3
-	CS Supporting – 3	3	-	CS Elective – 2	3

Semester 7			Semester 8		
CSC4998	Final Year Project – I	3 (0+3)	CSC4999	Final Year Project – II	3 (0+3)
CSC4001	Parallel & Distributed Computing	3 (3+0)	CSC4123	Information Security	3 (3+0)
HUM1002	Pakistan Studies	2 (2+0)	HUM4001	Islamic Studies/ Ethics	2 (2+0)
-	CS Elective – 3	3	-	CS Elective – 5	3
-	CS Elective – 4	3	-	University Elective – 4	3
-	University Elective – 3	3			

## FROM A CS STUDENT



The Computer Science program at Foundation University is outstanding in such a way that it has prepared me for my current position as a Senior consultant IoT/ Big data with Deloitte North/South Europe. The curriculum was designed according to the market needs. I admired the unique learning atmosphere at Foundation University. The learning is so much fun! You feel like a part of the close-knit team, where the professors and your peers are always ready to support and guide you. The conceptual clarity I received during the programme helped me in achieving various cloud and big data related certifications and progressing my career in various multinational companies with distinction

**.Mouzzam**



## STUDY ABROAD

FUI also gives opportunity to get a degree of University of Bedfordshire(UoB), UK. Students will complete first three years of Bachelor of Computer Science (BSCS) in FUI and will proceed to UoB for completion of the fourth year of their education.

For more information visit: <http://furc.fui.edu.pk/index.php/uob>

# BS COMPUTER SOFTWARE ENGINEERING BCSE 4 YEARS



## LEARNING OUTCOME

- Analyze and resolve information technology problems through systematic approaches.
- Engineering Knowledge
- Problem Analysis
- Design/Development of Solutions
- Fluency in at least one programming language
- Make, implement, and evaluate large software systems.

## CAREER OPPURTUNITIES

Software Engineering being the sub-discipline of computer science develops high quality software systems in a systematic, controlled and efficient manner. Graduates of such programs will be able to function as proficient software developers and effective team members. The domain of software engineering is defining the new dimensions of research and

development beyond conventional computer sciences areas and has remarkable future in telecom, media, real estate, web, automated industry, business, medical and other industries.

## MORE DETAILS

**Apply at:** [admissions.fui.edu.pk](http://admissions.fui.edu.pk)  
<http://furc.fui.edu.pk/index.php/faculty-se/bcse>

### Semester 1

CSC1991	Introduction to Information & Communication Technologies	3 (2+1)
CSC1011	Programming Fundamentals	4 (3+1)
ENG1002	English Composition & Comprehension	3 (3+0)
MTH1001	Calculus & Analytical Geometry	3 (3+0)
HUM1002	Pakistan Studies	2 (2+0)
PHY1002	Applied Physics	3 (3+0)

### Semester 2

CSC1012	Object Oriented Programming	4 (3+1)
ENG1011	Communication & Presentation Skills	3 (3+0)
CSC2031	Discrete Structures	3 (3+0)
SEN1001	Introduction to Software Engineering	3 (3+0)
HUM1001	Islamic Studies	2 (2+0)
-	University Elective - I	3

### Semester 3

CSC2031	Data Structures & Algorithms	4 (3+1)
SEN2011	Software Requirement Engineering	3 (3+0)
CSC2061	Human Computer Interaction	3 (3+0)
MTH2021	Linear Algebra	3 (3+0)
-	University Elective - II	3

### Semester 4

CSC3111	Operating Systems	4 (3+1)
CSC2022	Database Systems	4 (3+1)
SEN2021	Software Design & Architecture	3 (2+1)
STT2001	Probability and Statistics	3 (3+0)
-	University Elective - III	3

### Semester 5

SEN3062	Software Construction and Development	3 (2+1)
CSC3124	Computer Networks	4 (3+1)
ENG3021	Technical and Business Writing	3 (3+0)
-	SE Supporting –I	3
-	SE Supporting –II	3

### Semester 6

SEN3032	Software Quality Engineering	3 (3+0)
CSC4123	Information Security	3 (3+0)
SEN3071	Professional Practice	3 (3+0)
CSC3081	Web Engineering	3 (3+0)
-	SE Elective – I	3
-	SE Supporting - III	3

### Semester 7

SEN4998	Final Year Project - I	3 (0+3)
SEN4051	Software Project Management	3 (3+0)
SEN4991	Software Re-Engineering	3 (3+0)
-	SE Elective -II	3
-	SE Elective - III	3

### Semester 8

SEN4999	Final Year Project - II	3 (0+3)
-	SE Elective – IV	3
-	SE Elective – V	3
-	University Elective - IV	3



## STUDY ABROAD

FUI also gives opportunity for student to get degree of University of Bedfordshire(UoB), UK. Students will complete first three years of Bachelor of Computer Software Engineering (BCSE) in FUI and will proceed to UOB for completion of the fourth year of their education.

For more information visit: <http://furc.fui.edu.pk/index.php/uob>

# BSC. INFORMATION ENGINEERING TECHNOLOGY 4 YEARS



## INTRODUCTION

The Bachelor of Science in Information Engineering Technology program is accredited by the National Technology Council (NTC) Pakistan. The curriculum of BS (IET) is practice-oriented and designed to actualize the synergy of technologists for improvement of

industrialization culture. It is an industry-focused program with supervised industrial training, hands-on industrial assignments that provide theoretical and practical knowledge and skills. The graduates of the program can be employed in diverse domains and can work as a network manager and administrator, project

manager, applications developer, test & integration manager, & technologist in business applications etc.

## MORE DETAILS

**Apply at:** [admissions.fui.edu.pk](http://admissions.fui.edu.pk)  
More details about the program at: <http://fui.edu.pk>

### Semester 1

HUM4001	Islamic Studies/ Professional Ethics	3
MTH1001	Calculus & Analytical Geometry	3
ENG1002	English Composition and Comprehension	3
CEN1001	Basic Electronics	3(2+1)
CSC1991	Introduction to ICT	3(2+1)
TEC1001	Technology - I	1

### Semester 2

CSC1011	Programming Language-I	4(3+1)
CEN1002	Electronics	3(2+1)
MTH2021	Linear Algebra	3
TEC1002	Technology-II	1
CSC1062	Computer Applications	3(2+1)
ENG1011	Communication & Presentation Skills	3

### Semester 3

-	Programming Language-II	4(3+1)
-	Technical Report Writing	3
-	Data Structures	4(3+1)
-	Digital Logic Design	4(3+1)
-	Probability and Statistics	3

### Semester 4

-	Object Oriented Programming	4(3+1)
-	Operating System	3
-	Data Communication	4(3+1)
-	IET Project Management	3
-	Elective-I (Group-A/Group-B)	4(3+1)

### Semester 5

-	Elective-II (Group-A/ Group-B)	4(3+1)
-	Computer Networks	4(3+1)
-	Database Systems	4(3+1)
-	Entrepreneurship	2
-	Elective-III (Group-A/ Group-B)	4(3+1)

### Semester 6

-	Software Engineering	2
-	IET Infrastructure	2
-	Elective-IV	4(3+1)
-	Elective-V	4(3+1)
-	Technical & Business Writing	3

### Semester 7

-	Supervised Industrial Training	15
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### Semester 8

-	Supervised Industrial Training	15
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# MS COMPUTER SCIENCE 2 YEARS



## INTRODUCTION

The Master of Science in Computer Science is a highly technical program and therefore presumes previous experience in Computer Science. The core courses provide an advanced understanding of theoretical and applied computer science, which allows the student to begin exploring the specialization areas. It prepares students for advanced positions in

industry and research.

The MS (Computer Science) comprises of both course work as well as research component. The program consists of four core courses and a specialization track of Four to Five courses.

The department offer optional courses depending upon the specialization(s) of available faculty.

## SPECIALIZATION CLUSTER

- Artificial Intelligence
- Multimedia
- Future Networks
- Signal Processing
- Pattern Recognition
- Information Security and Forensics
- Software Engineering
- Data Science
- Web Technologies

### Semester 3

- Core-I 03
- Core-II 03
- Elective-I 03

### Semester 2

- Core-III 03
- Core-IV 03
- Elective-II 03
- CSC 6001 Research Methodology 01

### Semester 3

- Elective-III 03
- CSC 7099 Thesis / Elective Course 06 / 03

### Semester 3

- Elective-IV 03
- CSC 7099 Thesis / Project 06 / 03

## MORE DETAILS

### Apply at:

[admissions.fui.edu.pk](mailto:admissions.fui.edu.pk)

### Course detail:

<http://furc.fui.edu.pk/index.php/faculty-se/mscs-course>

### List of Core courses of the program is:

1. CSC6301 - Advanced Analysis of Algorithms
2. CSC6201 - Advanced Operating Systems
3. CSC6321 - Theory of Programming Languages
4. CEN6401 - Advanced Computer Architecture

The university may recommend deficiency courses after considering the educational background of the student.



# MS INFORMATION SECURITY 2 YEARS



## INTRODUCTION

MS in Information Security aims to develop core competencies in the fields of computer networks security, application security, and information security management. The students will learn the technical aspects of information security by understanding current threats and vulnerabilities and examining ways of developing effective countermeasures.

## OBJECTIVE

The main aim of this program is to fulfill the growing national need of well trained professionals to work in a wide range of roles to protect Information Systems in all types of organizations, including research and academia. Moreover, program is aimed to produce skilled people who are able to contribute towards need of protecting national information infrastructure from all kinds

of threats. Skilled persons will also be able to play an effective role in international efforts to make the cyberspace safe, secure and reliable for the national and international community.

## MORE DETAILS

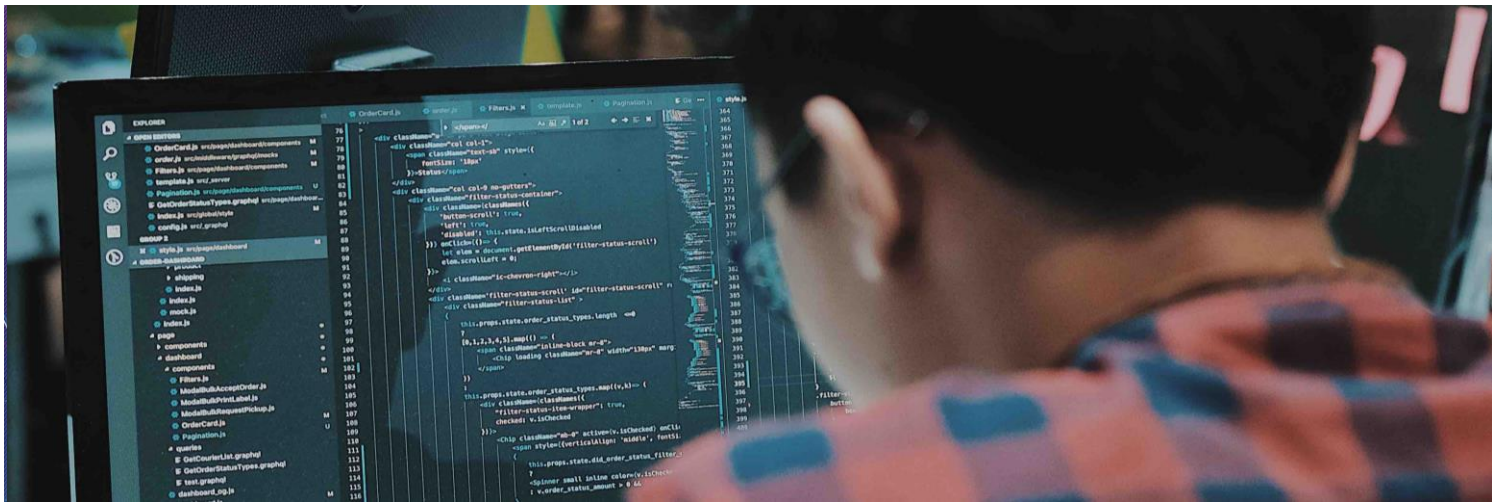
Apply at:  
**[admissions.fui.edu.pk](http://admissions.fui.edu.pk)**  
 Course detail:  
**<http://furc.fui.edu.pk/index.php/faculty-se/ms-information-security>**  
 (+92)-51-5151437

Semester 1		Semester 2	
- Core-I	03	- Core-III	03
- Core-II	03	- Elective-II	03
- Elective-I	03	- Elective-III	03
		CSC 6001	Research Methodology 01
Semester 3		Semester 4	
- Elective-IV	03	- Elective-V	03
CSC 7099	Thesis / Elective Course 06 / 03	CSC 7099	Thesis / Project 06 / 03

### List of Core courses of the program is:

1. CSC6301 - Advanced Analysis of Algorithms
2. CSC6074 - Information Privacy and Security
3. CSC6034 - Cryptography

# MS SOFTWARE ENGINEERING 2 YEARS



## INTRODUCTION

MS in Software Engineering will inculcate in the students a deep understanding of the software engineering methodologies and practices, emerging technologies, and its application in various industries. Global demand for software engineers has been in the rise and is expected to grow in the next decade.. It is the need of the hour to bring more dynamics in the department and be at parallel with other IT institutions.

## SCOPE

U.S. Bureau of Labor Statistics data shows that there will be a job growth of 24% for software engineers upto 2026. Students with a master's degree in software engineering can gain the skills and tools needed to solve complex problems by using computers as well as develop skills that enable them to be effective team leaders in the workplace. Participating in this type of coursework will give you access to a wide range of

computing career choices like software engineer, computer and information system manager, database administrator, and computer network architect.

## MORE DETAILS

Apply at:  
[admissions.fui.edu.pk](http://admissions.fui.edu.pk)  
 Course detail:  
<http://furc.fui.edu.pk/index.php/faculty-se/ms-software-engineering>  
 (+92)-51-5151437

Semester 1		Semester 2	
- Core-I	03	- Core-III	03
- Core-II	03	- Elective-II	03
- Elective-I	03	- Elective-III	03
		CSC 6001	Research Methodology 01
Semester 3		Semester 4	
- Elective-IV	03	- Elective-V	03
CSC 7099	Thesis / Elective Course 06 / 03	CSC 7099	Thesis / Project 06 / 03

### List of Core courses of the program is:

1. SEN 6013 - Advanced Requirements Engineering
2. SEN 6014 - Advanced Software System Architecture
3. SEN 6015 - Software Testing and Quality Assurance

# PHD COMPUTER SCIENCE 3-8 YEARS



## INTRODUCTION

The Doctor of Philosophy in Computer Science is a research intensive degree. The students learn the rigors of research and develop an ability to carry out independent research. The program provides the students with an exposure to a variety of domains during the coursework part of the degree. The students are expected to produce an original and peer-reviewed thesis towards the culmination of the degree.

## AREA OF SPECIALIZATION

- Data Mining
- Data Warehousing
- Artificial Intelligence
- Remote Sensing
- Robotics
- Operation Research
- Web Services
- Machine Learning
- Multimedia Processing
- Digital Image Processing
- Medical Imaging
- Information and Communication Security
- Natural Language Processing
- Data Science

The program consists of two core courses and a specialization track of six courses.

PhD coursework comprises 6 courses (total 18 credit hours). A non-credit course "Research Methodology" must also be passed; unless already passed during MS coursework.

## MORE DETAILS

Apply at:  
**admissions.fui.edu.pk**  
 Course detail:  
<http://furc.fui.edu.pk/index.php/faculty-se/phd-course>  
 (+92)-51-5151437

## PhD(CS) PROGRAM SEMESTER WISE COURSE

Duration	Min	Max
	6 Semesters (3 years)	16 Semesters (8 years)
Graduation Requirement	36 Credits	
Min CGPA/Pass	3	
Intake	Spring and Fall (Twice a year)	
Schedule	Evening	
Category		Credits
Required Courses/ Elective Courses		18
Thesis		18
<b>Total Credit Hours</b>		<b>36</b>

# Department of Electrical Engineering

## ABOUT DEPARTMENT

The Department of Electrical Engineering at Foundation University Rawalpindi Campus with its inherent strength of profound traditions is offering engineering education to undergraduate students while grooming them as clear communicators and morally sound members of the society since 2013. Our programs are accredited by regulatory bodies that include Pakistan Engineering Council (PEC), National Technology Council (NTC) and recognized by the Higher Education Commission (HEC). The department is well known for its high-quality teaching in different areas of Electrical, Electronics and Communication Engineering. The department offers BS in Electrical Engineering, BS in Biomedical Engineering Technology and MS in Electrical Engineering.



## MISSION OF THE DEPARTMENT

Our mission is to provide excellent quality education in the field of Electrical Engineering and train students in problem solving, communication skills, ethics, and research so that they can work both independently and as a part of team for the betterment of society.



# BS ELECTRICAL ENGINEERING BSEE 4 YEARS



## LEARNING OUTCOME

- Engineering Knowledge
- Problem Analysis
- Design/Development of Solutions
- Investigation
- Modern Tool Usage
- Environment and Sustainability
- Individual and Teamwork
- Project Management
- Lifelong Learning
- The Engineer and Society
- Ethics

## CAREER OPPORTUNITIES

Professionals with Electrical Engg. skills are in great demand all over the world. Electrical Engg. can contribute towards a remarkable future in Telecommunication, Electronics and Electrical disciplines. Graduates of Electrical Engg. have been gainfully employed in the public sector (PTCL, NESCOM, etc.) and private sector specially telecom companies like

(Mobilink, Ufone, Zong and Warid etc.) as well as other industrial enterprises. It has been gratifying to see that our graduates are making a substantial contribution in the development of Engineering Sector in Pakistan & abroad.

## MORE DETAILS

**Apply at:** [admissions.fui.edu.pk](http://admissions.fui.edu.pk)  
<http://furc.fui.edu.pk/index.php/ee-programs/bsee>

### Semester 1

- Functional English
- Calculus and Analytical Geometry
- Linear Circuit Analysis
- Introduction to Computing
- Islamic Studies
- Applied Physics

### Semester 2

- Differential Equation
- Natural Sciences Electives-I
- Workshop Practice
- Pakistan Studies
- Programming Fundamental
- Electronic Devices and Circuit

### Semester 3

- Complex Variable and Transform
- Communication Skills
- Digital Logic Design
- Engineering Drawing
- Computing Elective
- Electrical Network Analysis

### Semester 4

- Humanities and Social Science Electives-I
- Linear Algebra
- Introduction to Embedded System
- Probability Method in Engineering
- Signal and System

### Semester 5

- Electrical Machines
- Electromagnetic Field Theory
- Communication System
- Digital Signal Processing
- IDEE-1

### Semester 6

- Technical Writing
- Humanities and Social Sciences Electives-II
- Electronics circuit design
- Instrumentation and measurement
- Linear Control Systems

### Semester 7

- Management Elective-I
- Power generation, transmission and distribution
- Computer Communication Networks
- Power Electronics
- Final Year Project-I

### Semester 8

- Management Science Elective-II
- Power system analysis and protection
- Technical Elective
- Final Year Project-II

# BSC. BIOMEDICAL ENGINEERING TECHNOLOGY 4 YEARS



## INTRODUCTION

Biomedical Engineering Technology is a multidisciplinary field that combines biology and engineering for solving problems related to medicine and healthcare. Biomedical Technologists are frequently required for installing, adjusting, maintaining, operating and providing technical support for biomedical equipment. In addition, they are also involved in developing

biomedical devices such as artificial internal organs, replacements for body parts and machines for diagnosing medical problems.

## EDUCATIONAL OBJECTIVES

- Demonstrate technical proficiency at workplace.
- Adapt with the advancements and latest trends in the field
- Work both independently and as a member of team

## MORE DETAILS

**Apply at:** [admissions.fui.edu.pk](http://admissions.fui.edu.pk)

**More details about the program at:**

<http://furc.fui.edu.pk/index.php/ee-programs/bs-biomedical>

### Semester 1

- Basic Biology
- Basic Mathematics
- Applied Physics
- Applied Chemistry
- Computer Applications
- Technical Drawing
- Functional English

### Semester 2

- Applied Mathematics-1
- Biochemistry
- Physiology-1
- Human Anatomy
- Electrical Technology Fundamentals
- Workshop Practice-1

### Semester 3

- Applied Mathematics-II
- Biophysics
- Circuit Analysis
- Physiology-II
- Communication Skills & Technical Report Writing
- Pakistan Studies

### Semester 4

- Workshop Practice-II
- Basic Electronics
- Digital Logic Technology
- Biomedical Instrumentation –I
- Biomechanics

### Semester 5

- Biomedical Electronics
- Economics and Healthcare Management
- Microprocessors & Microcontrollers
- Biomedical Instrumentation-II
- Professional Practices & Medical Ethics
- Entrepreneurship

### Semester 6

- Telemedicine
- Medical Imaging
- Biomedical Control System
- Rehabilitation Techniques
- Human Psychology
- Islamic Studies/Ethics

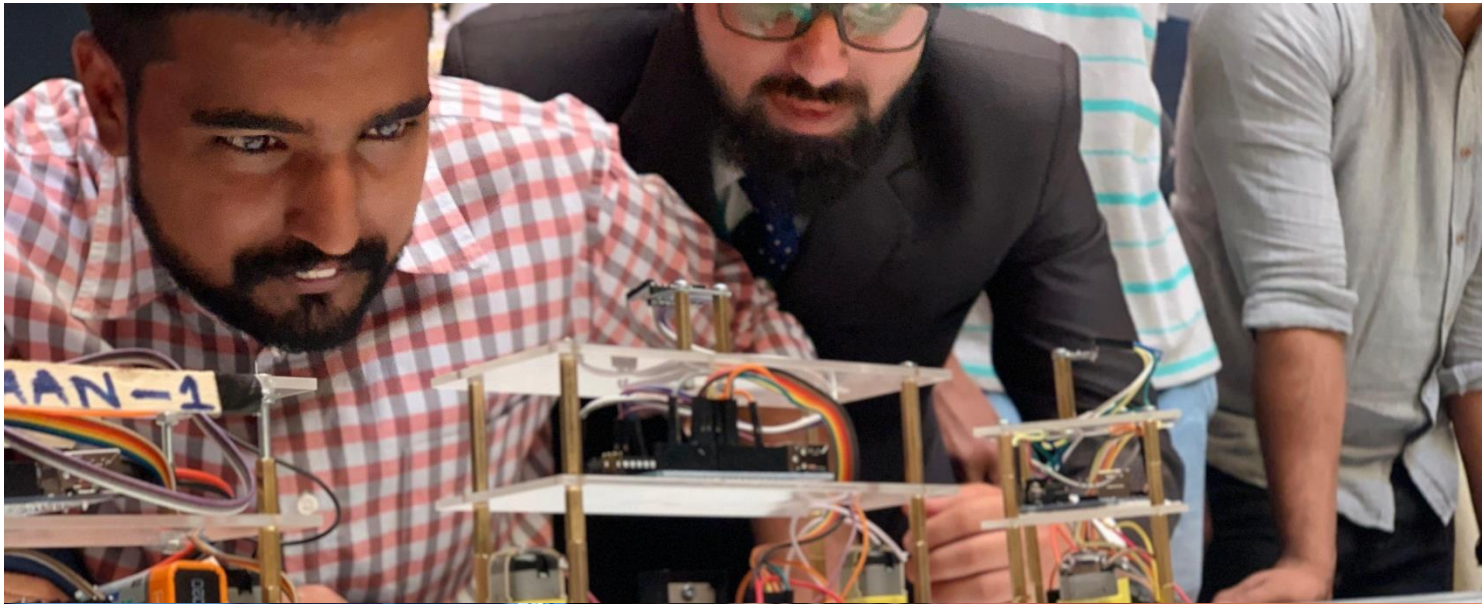
### Semester 7

- Supervised Industrial Training (continued)
- Technical Project (continued)
- Social Entrepreneurship

### Semester 8

- Supervised Industrial Training
- Technical Project

# MS ELECTRICAL ENGINEERING MS 2 YEARS



## INTRODUCTION

The degree provides professional training in Electrical Engineering to enhance expertise of existing and future Electrical Professionals through a curriculum that incorporates technical knowledge along with professional skills and stance necessary to function in academic, industries and applied setting. Through this program, a research-led environment will be created where

students work with leading researchers to develop the skills required becoming Electrical professionals or conducting further research as PhD students.

## SCOPE

Electrical Engineering being one of the core fields of engineering is always evergreen in terms of scope and job prospects. Electricity has become the basic need for survival, globally. As such electrical engineers find their utility in plants, communication and satellite

maintenance and running of industrial plants, communication and satellite navigation systems and domestic electronic equipment. Electrical Engineering equips the learner with the knowledge of electrical circuit design, digital electronics, instrumentation and control system, modern telecommunication and signal processing. The work builds on individual interests in a wide variety of subject matter so they can look for career in Industries like: Research, Academics, Professional consultant in creative industries and Human-centered/ Information Design Industries etc.

## Minimum Credit Requirements

Semester	Classification	Credit hours
1	Coursework three courses	9
2	Coursework three courses	9
3	Coursework two courses and Synopsis Presentation	6
4	Research work commences formally and Research submission/additional coursework two courses	6

Electives will be offered from [attached outline](#). However, new courses can be added after approval of concerned statutory bodies of the university.

## MORE DETAILS

Apply at:  
[admissions.fui.edu.pk](mailto:admissions.fui.edu.pk)  
Course detail:  
<http://furc.fui.edu.pk>  
(+92)-51-5151437

# Faculty of Management Sciences

## ABOUT FACULTY

The Foundation University, Faculty of Management Sciences (FMS) provides state-of-the-art business education in Pakistan. The commitment of the faculty and the staff, and above all adherence to standards of academic excellence, have contributed immensely to the faculty's enviable reputation. Graduates of our faculty are placed in leading multinational corporations, national/international corporate sector, government institutions, academia and various well reputed conglomerates. At FMS, strong focus is laid on academic excellence by ensuring Outcome Based Education. Students are not only given cognitive understanding of the subject area they learn; rather specific focus is laid on the development of their overall skills.

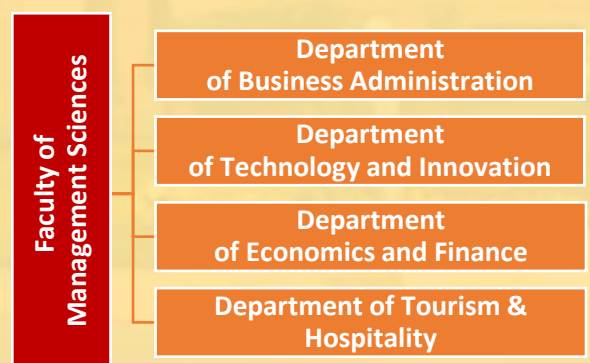


## MISSION OF THE DEPARTMENT

- To provide an opportunity to students to understand and comprehend 'Management' (as a knowledge area) and sub disciplines
- To ensure that students can apply the acquired knowledge to real world situations through better skills building
- To ensure that students develop analytical, synthesis and evaluation skills for further studies, research and professional purpose



## FACULTY STRUCTURE





# Department of Business Administration

## ABOUT DEPARTMENT

The Foundation University, department of Business Administration provides state-of-the-art business education in Pakistan. The commitment of the faculty and the staff, and above all adherence to standards of academic excellence, have contributed immensely to the faculty's enviable reputation. Graduates of our faculty are placed in leading multinational corporations, national/international corporate sector, government institutions, academia and various well-reputed conglomerates. At the department, strong focus is laid on academic excellence by ensuring Quality Education. Students are not only given cognitive understanding of the subject area they learn; rather specific focus is laid on the development of their overall skills. The department has more than ample resources (both physical and human resources) to carry out all operational and academic activities with ease.



## MISSION OF THE DEPARTMENT

- To impart quality education for understanding and comprehension of business administration.
- To remain committed to the attainment of application-based learning environment.
- To prepare graduates with analytical, synthesis and evaluation skills.



# BACHELORS OF BUSINESS ADMINISTRATION BBA 4 YEARS



## Learning Outcomes

- Students will be effective communicators.
- Students will demonstrate critical thinking skills
- Students will be knowledgeable about ethical factors in the business environment
- Graduates will be proficient users of business presentation and analysis technology.

## CAREER OPPURTUNITIES

The scope of management courses is increasing day by day. After completing your degree, you have great job opportunities in the industrial world. In the management sector you can serve as sales and marketing executive, system analyst, human resource officer etc. Some popular Job Profiles are Finance Manager, Business Administration

Resource Manager, Research and Development Manager, Business Consultant, Information Systems Manager, Marketing Manager. Option for higher studies is also available for BBA graduates.

## MORE DETAILS

Apply at: [admissions.fui.edu.pk](http://admissions.fui.edu.pk)  
<http://furc.fui.edu.pk/index.php/programs-be/bbah>

### Semester 1

ENG1001	English I	3
MSC1900	Introduction to Computer Application	3
MSC1100	Principle of Management	3
HUM1001	Islamic Studies	2
SOC2101	Sociology	3

### Semester 2

ENG1002	English II	3
MSC1500	Principles of Marketing	3
MSC1000	Business Mathematics	3
MSC1400	Principles of Accounting	3
HUM1002	Pakistan Studies	2

### Semester 3

MSC2001	Oral Communication	3
MSC2200	Principles of Microeconomics	3
MSC2401	Financial Accounting	3
MSC2501	Marketing Management	3
MSC2002	Introduction to Statistics	3

### Semester 4

MSC2402	Business Finance	3
MSC2901	Management Information System	3
MSC2003	Business Communication	3
MSC2004	Statistical Inference	3
MSC2101	Business Ethics	3
MCO3001	Anthropology	3

Semester 5			Semester 6		
MSC3403	Management Accounting	3	-	Foreign Language I	3
MSC3201	Principles of Macroeconomics	3	MSC3008	Business Research Methods	3
MSC2102	Organizational Behavior	3	MSC3404	Financial Management	3
PSY2101	Psychology	3	MSC3103	Business and Company Law	3
MSC3300	Human Resource Management	3	MSC3600	Production and Operations Managements	3
MSC3007	Personal and professional development	3	MSC3005	Community Work	1
			MSC3006	Internship	2
Semester 7			Semester 8		
MSC3700	Project Management	3	MSC4104	Business Policy	3
MSC4800	Entrepreneurship	3	MSC4105	International Business	3
MSC4202	Issues in Pakistan Economy	3	MSC4801	Critical Thinking and Logic	3
MSC4106	Seminar in Business Studies	3		Elective 2	3
	Foreign Language II	3		Elective 3	3
	Elective 1	3		Project UG	3

## FROM A BUSINESS STUDENT



My experiences as both an undergraduate and graduate student in Foundation University Department of Management Sciences prepared me well for my role in the tire industry. Studying Business at FURC helped me develop the critical thinking skills I use each day when making recommendations to management regarding the financial implications of attracting new customers, developing new products, or utilizing new business strategies.

**Hamza**

## STUDY ABROAD

FUI also gives opportunity for student to get a foreign degree through student exchange programs. Get more information: [info.furc@fui.edu.pk](mailto:info.furc@fui.edu.pk)

# MASTER IN BUSINESS ADMINISTRATION MBA



## OBJECTIVES

- To provide an opportunity for students to Understand and comprehend the fundamentals of 'Business Administration' as a knowledge area.
- To ensure that students can apply the acquired knowledge to real world situations through better skill building.
- To ensure that students develop basic analytical, synthesis and evaluation skills for 'Business Administration' (in general) or for further research.

## AREA OF SPECIALIZATION

- Human Resource Management
- Finance
- Marketing

## MORE DETAILS

Apply at:  
**admissions.fui.edu.pk**  
 Course detail:  
**<http://furc.fui.edu.pk/index.php/programs-be/mba1p5>**  
 (+92)-51-5151437

## MBA - FOR BUSINESS STUDENTS

Semester 1			Semester 2		
MSC5000	Research Methodology	3	MSC5226	Managerial Economics	3
MSC5400	Strategic Finance	3	MSC5100	Strategic Management	3
MSC5500	Strategic Marketing	3	-	Elective 2	3
-	Elective 1	3	-	Elective 3	3
Semester 3					
MSC6002	Project PG / Two Electives/	6			
MSC6003	MBA Thesis				

## MBA - FOR NON BUSINESS STUDENTS

### Semester 1 (Deficiency Courses)

MSC4406	Financial Accounting	3
MSC1500	Principles of Marketing	3
MSC1100	Principles of Management	3
MSC2003	Business communication	3
MSC1000	Business Mathematics	3

### Semester 2 (Deficiency Courses)

MSC4203	Business Economics	3
MSC3300	Human Resource Management	3
MSC3403	Management Accounting	3
MSC1902	MIS	3
MSC2402	Business Finance	3

### Summer Semester

MSC5001	Quantitative Techniques	3
MSC5100	Strategic Management	3

### Semester 3

MSC5000	Research Methodology	3
MSC5400	Strategic Finance	3
MSC5500	Strategic Marketing	3
	Elective 1/specialization	3

### Semester 4

MSC5226	Managerial Economics	3
-	Elective 2	3
MSC6003	Thesis/	6
MSC6002	Project/	
-	Two elective courses	

# MS MANAGEMENT SCIENCES



## INTRODUCTION

Management science (MS), is the broad interdisciplinary study of problem solving and decision making in human organizations, with strong links to management, economics, business, engineering, management consulting, and other sciences. It uses various scientific research-based principles, strategies, and analytical methods including mathematical

modeling, statistics and numerical algorithms to improve an organization's ability to enact rational and accurate management decisions by arriving at optimal or near optimal solutions to complex decision problems. In short, management sciences help businesses to achieve goals using various scientific methods.

## SPECIALIZATION AREA

- Human Resource Management
- Finance
- Marketing
- Project Management
- Supply Chain Management

## MORE DETAILS

Apply at: [admissions.fui.edu.pk](http://admissions.fui.edu.pk)  
 Course detail:  
<http://furc.fui.edu.pk/index.php/programs-be/msms>  
 (+92)-51-5151437

## MS - FOR BUSINESS STUDENTS

### Semester 1

MSC6107	Advanced Management	3
MSC5000	Research Methodology	3
-	Elective 1	3
-	Elective 2	3

### Semester 2

MSC6004	Quantitative and Qualitative Methods	3
	Electives 3	3
	Electives 4	3
	Electives 5	3

### Semester 3

MSC6005	MS Thesis/ Two elective courses	6
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## MS - FOR NON BUSINESS STUDENTS

### Semester 1 (Deficiency Courses)

MSC4406	Financial Accounting	3
MSC1500	Principles of Marketing	3
MSC1100	Principles of Management	3
MSC2003	Business communication	3
MSC1000	Business Mathematics	3

### Semester 3

MSC6107	Advanced Management	3
MSC5000	Research Methodology	3
MSC6407	Advanced Financial Management	3
	Elective 1	3

### Semester 5

MSC6005	MS Thesis/ Two elective courses	6
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### Semester 2 (Deficiency Courses)

MSC4203	Business Economics	3
MSC3300	Human Resource Management	3
MSC3403	Management Accounting	3
MSC1902	MIS	3
MSC2402	Business Finance	3

### Semester 4

MSC6004	Quantitative and Qualitative Methods	3
MSC6511	Advanced Marketing Management	3
MSC6304	Advanced Human Resource Management	3
	Elective 2	3

# PHD MANAGEMENT SCIENCES



## INTRODUCTION

The PhD program provides high quality management education to business scholars i.e. to discover and impart culturally and globally relevant knowledge in management sciences. The program is designed to discover management scholarship which is intellectually rigorous, morally intensive, socially integrative, culturally relevant and globally acknowledged. PhD scholars will be

## SPECIALIZATIONS

- Human Resource Management
- Finance
- Marketing
- Project Management
- Supply Chain Management

encouraged to carry out original work through research which connects strongly with resolving local, national and global challenges of significance.

The PhD program requires candidates to take six graduate level courses (18 Cr. hrs.). On completion of the coursework, students are required to pass a qualifying comprehensive examination, defend their research proposal and then carry out research in the chosen area.

Note: Specializations in PhD program are completely dependent on the thesis (research work) and course work. The supervisor and the BOF decides the student's Area of Specialization from the above-mentioned areas.

## Course Requirement

Mandatory	Electives	Thesis	Total
6	12	30	48

In addition to the requirements of the university students must cater to the following important rules for completion of their PhD degree:

- a. Students with incomplete course work cannot register for research thesis and neither can they opt for research proposal defense.
- b. At max, student can appear two times for the Qualifying Exam (DQE), PhD Proposal Defense, Final Defense.
- c. Student must follow the DQE guidelines provided separately.
- d. All PhD students must maintain a CGPA of 3.5 throughout their PhD degree. It is important to note that students cannot register for research hours if their CGPA in their course work is < 3.5.

## MORE DETAILS

Apply at:  
[admissions.fui.edu.pk](http://admissions.fui.edu.pk)  
 Course detail:  
<http://furc.fui.edu.pk/index.php/programs-be/phdms>  
 (+92)-51-5151437



# Department of Economics And Finance

## ABOUT DEPARTMENT

The Foundation University, department of Business Administration provides state-of-the-art business education in Pakistan. The commitment of the faculty and the staff, and above all adherence to standards of academic excellence, have contributed immensely to the faculty's enviable reputation. Graduates of our faculty are placed in leading multinational corporations, national/international corporate sector, government institutions, academia and various well-reputed conglomerates. At the department, strong focus is laid on academic excellence by ensuring Quality Education. Students are not only given cognitive understanding of the subject area they learn; rather specific focus is laid on the development of their overall skills. The department has more than ample resources (both physical and human resources) to carry out all operational and academic activities with ease.

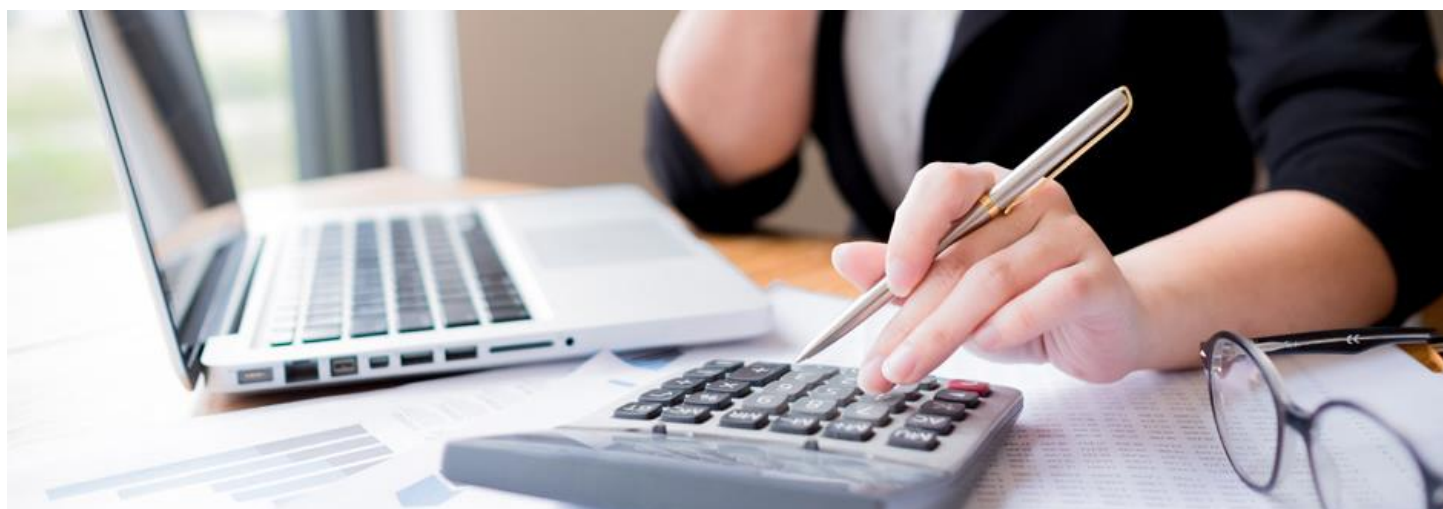


## MISSION OF THE DEPARTMENT

- To impart quality education for understanding and comprehension of economics and finance.
- To remain committed to the attainment of application-based learning environment.
- To prepare graduates with analytical, synthesis and evaluation skills



# BS ACCOUNTING & FINANCE BS 4 YEARS



## LEARNING OUTCOME

- To provide an opportunity to prospective students to understand and comprehend matters related to Accounting, Finance, Audit, Taxation and Banking.
- To ensure that students can apply the acquired knowledge to real world situations through better skills building.

personal, social, and organizational issues.

- To ensure that students develop analytical, synthesis and evaluation skills; generally required by organizations for starting career positions in accounting, finance, audit, taxation and banking.

An accountant can get bookkeeper, financial, audit, tax, internal audit jobs, accounting manager, payroll jobs etc. in multinational and national accounting firms in Pakistan.

## CAREER OPPORTUNITIES

There are many areas in which accountancy students may specialize.

## MORE DETAILS

Apply at: [admissions.fui.edu.pk](http://admissions.fui.edu.pk)  
<http://furc.fui.edu.pk/index.php/progef/baf>

### Semester 1

ENG1001	English I	3
MSC1900	Introduction to Computer Application	3
MSC1100	Principle of Management	3
HUM1001	Islamic Studies	3
SOC2101	Sociology	3

### Semester 2

ENG1002	English II	3
MSC1500	Principles of Marketing	3
MSC1000	Business Mathematics	3
MSC1400	Principles of Accounting	3
HUM1002	Pakistan Studies	3

### Semester 3

MSC2001	Oral Communication	3
MSC2200	Principles of Microeconomics	3
MSC2401	Financial Accounting	3
MSC2901	Management Information System	3
MSC2002	Introduction to Statistics	3

### Semester 4

MSC2402	Business Finance	3
MSC3403	Management Accounting	3
MSC2003	Business Communication	3
MSC2004	Statistical Inference	3
MSC2101	Business Ethics	3
	Internship	-

### Semester 5

MSC4405	Business Taxation	3
MSC3201	Principles of Macroeconomics	3
MSC3404	Financial Management	3
MSC4407	Financial Institutions & Markets	3
MSC3300	Human Resource Management	3
-	General Elective 1 (Language)	3

### Semester 6

MSC4408	Corporate Governance	3
MSC3008	Business Research Methods	3
MSC4409	Financial Reporting	3
MSC3103	Business and Company Law	3
MSC4413	Security Analysis	3
	General Elective 2	3
	Internship	-

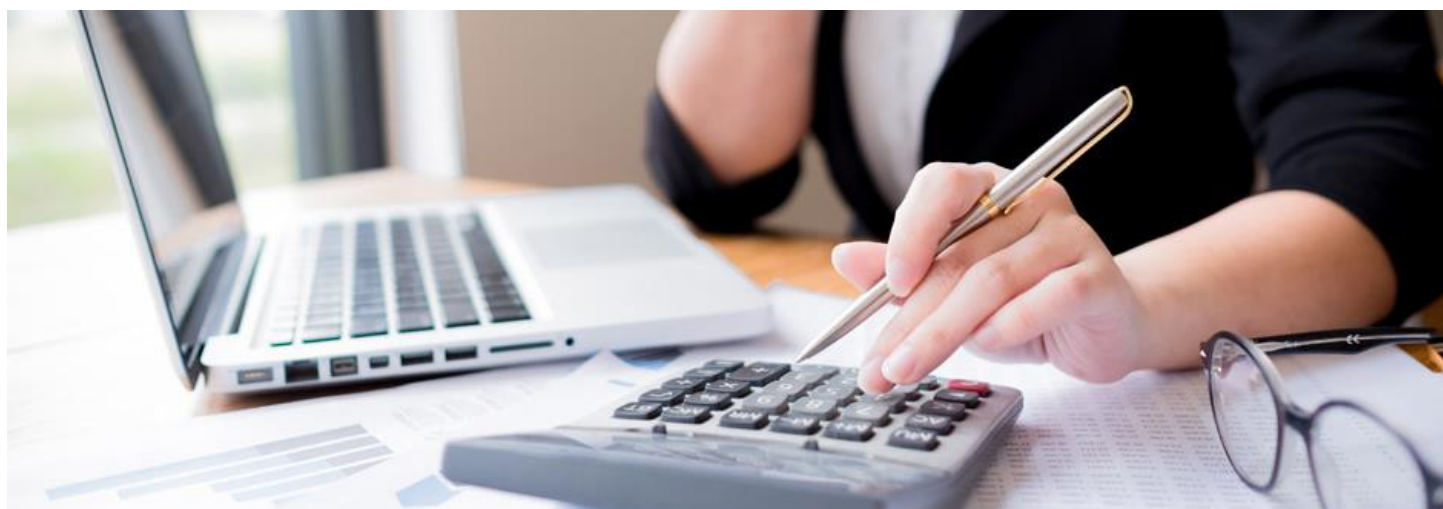
### Semester 7

MSC4410	Auditing & Assurance	3
MSC4800	Entrepreneurship	3
MSC4202	Issues in Pakistan Economy	3
MSC4430	Seminar in Business Finance	3
	Elective 1	3
	Elective 2	3

### Semester 8

MSC4801	Critical Thinking & Logic	3
MSC4418	Financial Modeling	3
MSC4416	International Finance	3
	Elective 3	3
	Elective 4	3
MSC4009	Project UG	3

# MS FINANCE 2 YEARS



## OBJECTIVE

- To provide an opportunity to students to understand and comprehend 'Finance' as a knowledge area.
- To ensure that students can apply the acquired knowledge to real world situations through better skills building.
- To ensure that students develop analytical, synthesis and

evaluation skills for better 'Financial Management' (in general) or for further research.

opportunities exists for such graduates (specialists).

## SCOPE

There are good number of students in Pakistan who do not have access to good quality education relevant to the field of 'Finance'. Since the degree offers specialization, therefore in the modern global arena, a wide range of employment and academic

**SPECIALIZATION(S): Finance**

## MORE DETAILS

Apply at: [admissions.fui.edu.pk](http://admissions.fui.edu.pk)  
<http://furc.fui.edu.pk/index.php/progef/baf>

## Equivalence:

- 16 years for students with non-business background if earned credits in degree are 30.
- 18 years for students with non-business background if earned credits in degree are 60 or more.
- 18 years for students with business background if earned credits in degree are 30 or more.

## Minimum Credit Requirements

	Mandatory	Specialization	Electives	Thesis	Total
Credit Requirement for Students with Business Background with Thesis	9	9	6	6	30
Credit Requirement for Students with Business Background without Thesis	3	15	12	0	30
Credit Requirement for Students with Non- Business Background with Thesis	18	15	21	6	60
Credit Requirement for Students with Non- Business Background without Thesis	12	21	27	0	60

# Department of Technology & Innovation

## ABOUT DEPARTMENT

The Foundation University, department of Business Administration provides state-of-the-art business education in Pakistan. The commitment of the faculty and the staff, and above all adherence to standards of academic excellence, have contributed immensely to the faculty's enviable reputation. Graduates of our faculty are placed in leading multinational corporations, national/international corporate sector, government institutions, academia and various well-reputed conglomerates. At the department, strong focus is laid on academic excellence by ensuring Quality Education. Students are not only given cognitive understanding of the subject area they learn; rather specific focus is laid on the development of their overall skills. The department has more than ample resources (both physical and human resources) to carry out all operational and academic activities with ease.



## MISSION OF THE DEPARTMENT

- To impart quality education for understanding and comprehension of technology and innovation
- To remain committed to the attainment of application-based learning environment.
- To prepare graduates with analytical, synthesis and evaluation skills



# MS ENGINEERING MANAGEMENT 2 YEARS



## OBJECTIVES

- To provide an opportunity to students to understand and comprehend Engineering Management as a knowledge area.
- To ensure that students can apply the acquired knowledge to real world situations through better skills building.
- To ensure that students develop analytical, synthesis and evaluation skills for better 'Engineering Management' (in general) or for further research.

## SPECIALIZATION AREA

- Engineering Management
- Quality Management
- Construction Management
- Information Management / Knowledge Management
- Telecom Management
- Manufacturing Management
- Supply Chain Management
- Project Management
- Technology Management
- Software Management / Information Systems

## SCOPE OF PROGRAM

There are good number of students in Pakistan who do not have access to good quality education relevant to the field of 'Engineering Management'. Since the degree offers specialization, therefore in the modern global arena, a wide range of employment and academic opportunities exists for such graduates (specialists).

Note: To earn a specialization, student has to take 9 credits from the same cluster.

## Minimum Credit Requirements

	Mandatory	Specialization	Electives	Thesis	Total
Credit Requirement with Thesis	18	0	6	6	30
Credit Requirement without Thesis	12	0 to 9	9 to 18	0	30

## MORE DETAILS

Apply at:  
**admissions.fui.edu.pk**  
 Course detail:  
<http://furc.fui.edu.pk/index.php/programs-bt/msemmenu>  
 (+92)-51-5151437

# Department of Tourism & Hospitality

## ABOUT DEPARTMENT

The Foundation University, department of Tourism & Hospitality strives to impart knowledge and training of the highest standard in the field of T & H. The Tourism & Hospitality department also provides students with a sound foundation in emerging trends in Tourism and Hospitality. To optimize practical learning and ensure that our graduates remain relevant in the job market; the deptt focuses on Industry-academia linkages (IAL). The department belief that knowledge has no value unless it is shared and provides solutions to the ever-emerging societal needs. The department has more than ample resources (both physical and human resources) to carry out all operational and academic activities with ease.



## MISSION OF THE DEPARTMENT

- To impart quality education for understanding and comprehension of tourism and hospitality.
- To remain committed to the attainment of application based learning environment.
- To prepare graduates with analytical, synthesis and evaluation skill.



# BS TOURISM & HOSPITALITY 4 YEARS



## OBJECTIVES

- To enhance students awareness of the growing importance of the Tourism & Hospitality industry to our society, nation and the world.
- To develop the appropriate knowledge, values and skills that supports the development of the industry.

- To develop the ability to apply the knowledge and skills they acquire from the subject to a wide range of contexts, and gain pre-employment experience in selected sectors of the industry.

Aim of broadening students' knowledge of the overall industry of tourism and hospitality, including its issues and developments.

## CAREER OPPORTUNITIES

The Program focuses on Tourism & Hospitality education with the primary

## MORE DETAILS

Apply at: [admissions.fui.edu.pk](http://admissions.fui.edu.pk)  
<http://furc.fui.edu.pk/index.php/bsth>

### Semester 1

ENG1001	English I	3
HUM1002	Pakistan Studies	2
MSC1000	Business Math	3
MSC1100	Principles of Management	3
TNH1000	Cultural History of Pakistan	3
TNH1100	Introduction to Tourism & Hospitality	3

### Semester 2

ENG1002	English II	3
MSC1900	Introduction to Computer applications	3
TNH1001	Introduction to Archaeology	3
PSY2101	Psychology	3
HUM1001	Islamic Studies	2
TNH1101	Pakistan-Tourism Destinations	3

### Semester 3

MSC2001	Oral Communication	3
TNH2102	Tourism: Concepts & Principles	3
SOC2101	Sociology	3
MSC4504	Consumer Behavior	3
TNH2102	Cultural Tourism	3

### Semester 4

MSC2002	Introduction to Statistics	3
TNH2104	Hospitality Operations	3
MSC2200	Principles of Microeconomics	3
TNH2105	House Keeping Operations and Management	3
TNH2106	Event Management	3
TNH2107	Culinary Art	3



### Semester 5

TNH3108	Tourism Management	3
TNH3109	Tourism and Hospitality Laws	3
TNH3200	Front Office Operations and Management	3
TNH3201	Travel and Tour Operations	3
TNH3202	Tourism Marketing	3

### Semester 6

MSC3008	Research Methods	3
MSC3700	Project Management	3
TNH3203	Religious Tourism	3
TNH3204	Sport and Adventure Tourism	3
TNH3205	Heritage Management	3

### Semester 7

TNH4206	Restaurant Management	3
TNH4207	Hotel and Restaurant Accounting	3
TNH4300	Tourism Planning and Development	3
TNH4208	Sustainable Tourism	
TNH4209	Food & Beverages Management	3
MSC4009	Project PG	3

### Semester 8

TNH4210	Seminar in Tourism & Hospitality	3
TNH4211	Emerging Trends in Tourism and Hospitality	3
TNH4301	Tourism Risk and Disaster Management	3
TNH4302	Destination Branding	3
TNH4303	Global Tourism	3

Note: internship of 4-6 weeks with credit hours (02) is mandatory in the Second/Third year during semester breaks/summer vacations to gain practical experience and to provide exposure to the students in the field of Tourism & Hospitality.

# Department of Psychology

## ABOUT FACULTY

The Department of Psychology at FURC aspires to be a nationally recognized leader in undergraduate, graduate, and postgraduate education, where students, scholars, and faculty establish close collaborations to learn the scientific principles of behaviour and mental processes, to make significant contributions to the science and practices in the fields of Psychology and Clinical Psychology, and to produce professionals who serve the local, national, and global communities.

The department is particularly proud of the fact that it has grown to offer programmes at the graduate and post graduate levels and has now also launched PhD programme to contribute scholarship of the highest standard to the academic arena.



## MISSION OF THE DEPARTMENT

- Increase psychological knowledge
- Apply psychological knowledge
- Improve critical thinking and scientific inquiry
- Consolidate research methodology and statistical skills
- Enhance written and oral communication
- Produce high-quality research
- Promote ethical behavior
- Address problems that individuals meet in their daily experiences
- Provide community outreach services
- To assess, diagnose and execute therapeutic interventions to clients with mental issues



# BS PSYCHOLOGY BS 4 YEARS



## LEARNING OUTCOME

Students will demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings, and historical trends in psychology. They will be able to use critical and creative thinking, skeptical inquiry and scientific approach to solve problems, related to behavior and mental processes. Moreover, students will understand and apply psychological

personal, social, and organizational issues.

## CAREER OPPORTUNITIES

The scope of Psychology is ever increasing in Pakistan with increasing interest, passion, devotion and dedication. Now there is a large range of professions available in the field of Psychology out of which the most preferred one for most people immediately after completing their

education would be joining the Armed Forces of the country or some other government organization that uses the services of a psychologist to test the aptitude.

## MORE DETAILS

Apply at: [admissions.fui.edu.pk](http://admissions.fui.edu.pk)  
<http://furc.fui.edu.pk/index.php/programs-psy/bspsy>

### Semester 1

ENG1001	English-I (Functional English)	3
HUM1002	Pakistan Studies	2
MTS1004	Introduction to Mathematics	3
MCO1011	Introduction to Mass Communications	3
SOC1101	Introduction to Sociology	3
PSY1101	Introduction to Psychology	3

### Semester 2

ENG1002	English-II (Writing and Presentation Skills)	3
HUM1001 / ETH1101	Islamic Studies/Ethics	2
CSC1001	Introduction to Computers	3
ECO1001	Introduction to Economics	3
HUM1003	Introduction to Social Work	3
PSY1102	Applied Areas of Psychology +Practical	2+1

**Semester 3**

ENG2001	English-III (Communication Skills)	3
BIO2001	Introduction to Biology	3
HUM2003	Teaching & Learning Skills	3
PSY2103	Cognitive Psychology	3
PSY2104	Environmental Psychology	3
HUM2002	Political Science	3

**Semester 4**

LAN2001	Foreign UN Language (Chinese/German /French)	3
HRM2001	Human Resource Management	3
HUM2001	Critical Thinking	3
PSY2105	Gender Issues in Psychology	3
PSY2601	Ethical Issues in Psychology	3
PSY2106	Health Psychology	3

**Semester 5**

PSY3001	Psychopathology-I	3
PSY3701	Psychological Assessment +Practical	3 +1
PSY3201	Research Methods-I	3
PSY3107	Schools & Perspectives in Psychology	2
PSY3501	Developmental Psychology	3
PSY3801	Statistics in Psychology	3

**Semester 6**

PSY3002	Psychopathology-II	3
PSY3301	Theories of Personality	2
PSY3108	Social Psychology	3
PSY3202	Research Methods-II + Group Research	3+1
PSY3802	Data Analysis using SPSS	3
PSY3502	Neurological basis of Behavior	3

**Semester 7**

PSY4109	Experimental Psychology +Lab Experiments	3+ 1
PSY4003	Clinical Psychology-I	3
PSY4004	Guidance and Counseling	3
PSY4110	Educational Psychology	3
PSY4005	Clinical Case Studies	2
	Community Work	NC

**Semester 8**

PSY4111	Positive Psychology	3
PSY4006	Clinical Psychology-II	3
PSY4401	Organizational Psychology	3
PSY5203	Research Thesis	4

**STUDY ABROAD**

FUI also gives opportunity for student to get degree of University of Bedfordshire(UoB), UK. Students will complete first three years of BS Psychology in FUI and will proceed to UOB for completion of the fourth year of their education.

# MS CLINICAL PSYCHOLOGY 2 YEARS



## INTRODUCTION

The MS in Clinical Psychology is a specialized program based on the HEC's recommended guidelines. It comprises of 4 semesters through which the scholars are trained in the core theoretical, practical and research related areas of Clinical Psychology. The program having a significant blend of internship and research, enables its participants to be engaged in the practice of Clinical Psychology in a more scientific

fashion.

## OBJECTIVES

- Understand principles of Clinical Psychology and how they are applied.
- Understand a diversity of theoretical perspectives in Clinical Psychology.
- Apply and interpret statistical techniques in research.
- Understand professional and ethical principles as they pertain to professional conduct and responsibility.

- Understand and develop skills in assessment procedures and intervention strategies.

## MORE DETAILS

Apply at:  
[admissions.fui.edu.pk](http://admissions.fui.edu.pk)  
 Course detail:  
<http://furc.fui.edu.pk/index.php/programs-psy/mscp>  
 (+92)-51-5151437

### Semester 1

PSY6008	Guidance & Counseling	2
PSY6009	Psycho-diagnosis and Psychopathology	3
PSY6010	Psychotherapy-I	2
PSY6011	Psychophysiology and Psychopharmacology	2

### Semester 2

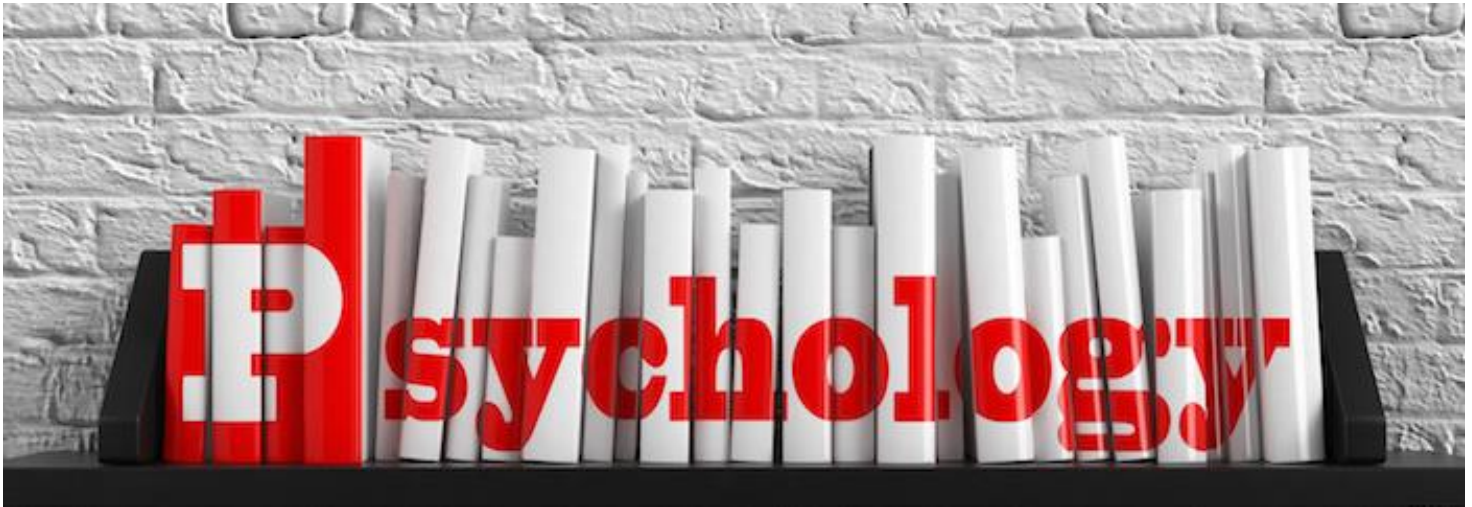
PSY6205	Research Design & Practices	2
PSY6702	Psychometrics and clinical Assessment	3
PSY6012	Psychotherapy-II	2
PSY6803	Advance Data Analysis Techniques	2

### Semester 3 & 4

PSY7013	Clinical Practicum & Report Writing	6
PSY7206	Thesis/*Two Elective Courses of 3 Credit Hours each	6

\*All students securing less than CGPA 3.0 will study 2 x Courses of 3 credit hours each

# PHD PSYCHOLOGY



## INTRODUCTION

Ph.D Psychology at FURC is a full-time research degree programme intended to refine student's research skills to highest level so that they are well versed with the current and reigning research skills in their fields of study. Our ultimate goal is to transform our scholars into expert researchers

capable of producing research of highest quality where they can break new grounds and publish their work at international forums. This is coupled with our aim to provide them intensive exposure to in-depth understanding of the major frameworks and theories (organized by the university) and respective disciplines. The duration of PhD program is 3-8 years. The course work for PhD program

comprises of total 18 credit hours. Each student has to complete 18 credit hours in first two semesters. After course work a scholar has to defend his/her synopsis/Research proposal in front of a committee (organized by the university) and external examiner in the relevant field. After two years of enrolment and before the start of fourth year a scholar has to pass PhD comprehensive exam and Viva Voce. On completion of his/her thesis the submitted copies of this will be sent to two foreign Evaluators of relevant field for independent assessment. Acceptance/publication of at least one research paper in an HEC approved "W" category journal is a requirement for the award of PhD degree.

**A scholar will be offered 3 courses of 3 credit hours each making a total of 9 credit hours in each first and second semester**

Semester 1 Courses	Semester 2 Courses
PSY8018 Clinical Psychology and its Application	PSY8210 Critical Review of Published Research
PSY8209 Advance Research Methods	PSY8603 Ethical & Legal Considerations in Psychology
PSY8805 Data Analysis using SPSS/ AMOS/Mplus/Nvivo	PSY8132 Advanced Seminars in Theories of Psychology
PSY8019 Emerging Trends in Counseling Psychology	PSY8704 Psychometrics
PSY8504 Psychology of Life Span Development	PSY8133 Social Psychology & its Application
PSY8127 Psychology of Attitude and Opinion	PSY8303 Psychology of Self
PSY8128 Emerging Trends in Gender Psychology	PSY8134 Applications in Positive Psychology
PSY8129 Cross Cultural Psychology	PSY8135 Community Psychology
PSY8130 Cognitive Psychology	PSY8020 Psychology of Special Education
PSY8131 Criminal and Forensic Psychology	PSY8136 Rehabilitation Psychology
PSY8403 Occupational Health Psychology	PSY8137 Environmental Psychology
	PSY8021 Disaster and Trauma Management
	PSY8138 Peace Psychology
	PSY8139 Family Psychology
	PSY8140 Psychology of Aging
	PSY9211 Dissertation

## MORE DETAILS

Apply at: [admissions.fui.edu.pk](http://admissions.fui.edu.pk)  
 Course detail:  
<http://furc.fui.edu.pk/index.php/programs-psy/phdpsy>  
 (+92)-51-5151437

# Department of Arts and Media

## ABOUT DEPARTMENT

The Department of Arts and Media at Foundation University Rawalpindi Campus develops creative skills of students in the emerging fields of Arts, Culture and Media, particularly in Computer Arts and Contemporary Media. Our study program is focused on practice-based approach to research, design and theory. We maintain links with industry, leading to work placements of our graduates in several fields as proficient experts and specialists working in radio, film, photography, television industry, advertising, publications, print media, event planning & management and teaching.



## MISSION OF THE DEPARTMENT

- To facilitate students' learning in all the aspects of Arts and Media
- To inculcate market oriented professional skills
- To produce mass communication scholarship in sync with national needs and aspirations.

## WHAT DEPARTMENT OFFERS

- In House Production Training & Facilities
- Well Equipped Media House and FM Radio
- Editing Labs and Support from Professional Experts



# BS MEDIA & COMMUNICATION 4 YEARS



## LEARNING OUTCOME

The media house caters to the training needs of students in editing, reporting, videography, multimedia and broadcasting and other related fields of electronic media. It provides hands-on experience to the graduates aspiring to secure positions in broadcasting, radio and television, cable television, and production houses.

## CAREER OPPORTUNITIES

The graduating students can do wonders in the field of electronic media as anchor persons, news casters, photographers, video-graphers, RJs, producers, reporters, anchors, graphic designers etc. In print media they can work as script writers, editors, columnist, feature writers, researchers, news writers, content writers. In advertising, media

graduates are employed as creative writers, Advertising Media Planners, Media traffic personnel, Production Managers etc.

## MORE DETAILS

Apply at:  
[admissions.fui.edu.pk](http://admissions.fui.edu.pk)  
<http://furc.fui.edu.pk/index.php/programs-anm/bsmd>

### Semester 1

ENG1001	English I – Introduction to English Grammar	3
HUM1002	Pakistan Studies	3
MCO1041	Photography	3
MCO1011	Introduction to Mass Communication	3
MCO1051	Media and Popular Culture	3
CSC1001	Basic Computer Skills	3

### Semester 2

ENG1002	English II – Reading and Writing	3
HUM1001	Islamic Studies	3
/ETH2101	/Ethics in Special Case	
MSC1001	Business Mathematics	3
MCO1031	Urdu for Journalism	3
MCO1021	Introduction to International Relations	3
MCO1012	Mass Media Development	3

### Semester 3

ENG2001	English III- Listening and Speaking	3
MCO2042	Computer Graphics	3
MCO2022	National & International Affairs	3
MCO2032	Print Media	3
MCO2091	Introduction to Statistics	3
MCO2013	Mass Media in Pakistan	3

### Semester 4

MCO2054	Broadcast Journalism	3
MCO2061	Media Ethics & Laws	3
MCO2033	Reporting and News Writing	3
SOC2101	Sociology	3
MCO2023	International Terrorism	3
MCO2071	Video Production	3



### Semester 5

MCO2024	Political Communication	3
MCO2055	Online Journalism	3
MCO2062	Research Methods in Communication –I	3
MCO2063	Theories of Communication-I	3
MCO2056	Organizational Communication	3
MCO3092	Anthropology	3

### Semester 7

MCO4066	Media Psychology	3
MCO4053	International Communication	3
-	Specialization Course-I	3
-	Specialization Course-II	3
-	Specialization Course-III	3

### Specialization: Electronic Media

MCO4072	Documentary Production	3
MCO4073	Editing Techniques (NLE)	3
MCO4074	TV Anchoring Techniques	3
MCO4075	Radio Production	3
MCO4076	Live and Outdoor Reporting	3
MCO4077	Contemporary Issues in Digital Journalism	3
MCO4055	Digital Photography and Photo Manipulation	3

### Semester 6

MCO3052	Advertising & Public Relation	3
MCO3043	Sub Editing & Page Designing (Theory & Practical)	3
MCO3064	Theories of Communication-II	3
MCO3025	Conflict, Crisis and Communication	3
MCO3065	Research Methods in Communication-II	3
HUM3010	Gender Studies	3

### Semester 8

MCO5011	Thesis/Project (Optional)	6
-	Specialization Course-I	3
MCO4057	Media Management & Marketing (Optional)	3
MCO4044	Script Writing and Storyboarding (Optional)	3

### Specialization: TV and Film Production

MCO4081	Film Studies	3
MCO4082	Digital Story telling	3
MCO4083	Programme Production & Development	3
MCO4084	Drama, Film and Theatre	3
MCO4085	Digital Audio Video Tools	3
MCO4086	Directing for Camera	3
MCO4045	Digital Photography and Photo Manipulation	3



# BACHELOR IN COMPUTER ARTS BCA 4 YEARS



## LEARNING OUTCOME

The four year degree course in design department aims at preparing students to approach design as a logical and innovative process. Aesthetics and creativity are the result of this process. Each design solution is stage by stage debated and refined, culminating in an aesthetically strong and purposeful design.

## CAREER OPPORTUNITIES

There are numerous vistas open to Computer Arts graduates: Games and electronic Entertainment, communication technologies, web design and internet services, Digital Media, Film, TV, and Animation, advertising and publishing. Typical job titles include animator, modeler, compositor effects artist, lead designer, interface designer, web

Designer, web master, creative director, sound designer and sound editor, User interface & user experience designer.

## MORE DETAILS

Apply at: [admissions.fui.edu.pk](http://admissions.fui.edu.pk)  
<http://furc.fui.edu.pk/index.php/programs-anm/bca>

### Semester 1

ENG1001	English- I-Introduction to English Grammar	3
CAS1011	Basic Drawing	3
CAS1021	History of Art in Ancient Civilizations	3
CAS1012	Basic Design	3
CSC1001	Basic Computer Skills	3
CAS1013	Drafting	3

### Semester 2

CAS1014	Still life drawing	3
ENG1002	English-II- Reading and Writing	3
HUM1002	Pakistan Studies	3
CAS1022	History of Western Arts	3
CAS1041	Graphics Design	3
HUM1001 / ETH2101	Islamic Studies / Ethics	3

### Semester 3

CAS2015	Landscape Drawing	3
ENG2001	English III- speaking and listening	3
CAS2031	Computer Graphics	3
CAS2071	Fundamentals of Photography	3
CAS2032	Intro to Graphic tools	3
CAS2023	History of design	3

### Semester 4

CAS2016	Portrait Drawing	3
CAS2072	Digital Photography	3
CAS2042	Communication Design	3
CAS2081	Ethics for Professional Practice	3
CAS2051	Basic Animation	3
CAS2061	Basic Video Production	3

### Semester 5

CAS3017	Anatomy Drawing	3
CAS3082	Project Management and Marketing	3
CAS3019	Illustration	3
CAS3062	Idea development and Script Writing	3
-	Specialization Course-I	3
-	Specialization Course-II	3

### Semester 6

CAS3018	Figure Drawing	3
CAS3033	Intro to Web design	3
CAS3063	Video compositing	3
CAS3083	Entrepreneurship and Innovation Management	3
-	Specialization Course-III	3
-	Specialization Course-IV	3

### Semester 7

CAS4073	Report writing	3
CAS4064	Scenography	3
CAS4034	Web design and Development	3
CAS3084	Research Methodology	3
-	Specialization Course-V	3

### Semester 8

CAS5011	Final project	3
CAS4024	Art appreciation	3
CAS4074	Media Studies	3

### Specialization: Graphic Design

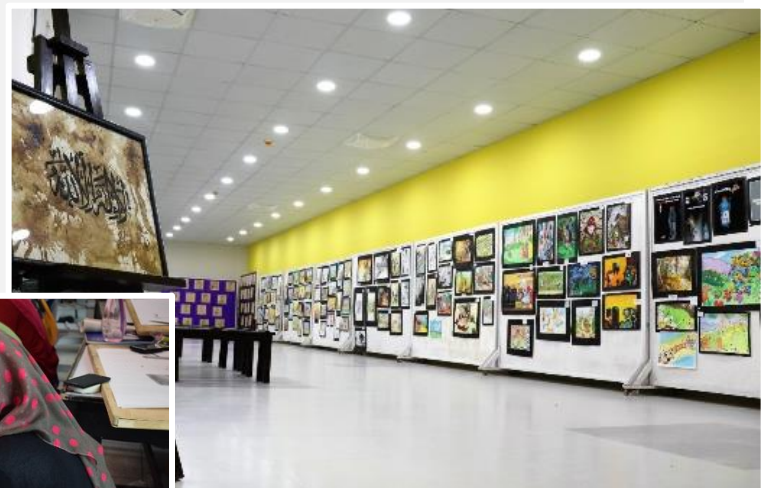
CAS3043	Typography	3
CAS3044	Campaign Development	3
CAS4045	Creative Advertising	3
CAS4046	User interface Design	3
CAS4047	Desktop Publishing	3

### Specialization: Video Production

CAS3034	Digital Audio tools	3
CAS3065	Light & Camera Techniques Production	3
CAS4066	Postproduction effects	3
CAS4067	TV & Film Direction	3
CAS4068	Documentary Production	3
CAS4069	Drama and Theatre	3

### Specialization: Animation

CAS3052	Introduction to 3d modeling	3
CAS3053	Stop Motion Animation	3
CAS4054	Texturing and lighting techniques in 3d	3
CAS4055	Character Design and Animation	3
CAS4056	Animation and Production Techniques in 3D	3



# MS MEDIA SCIENCE MS 2 YEARS



## INTRODUCTION

The MS in Media Sciences is a specialized program based on the HEC's recommended guidelines. It comprises of 4 semesters through which the scholars are equipped with a comprehensive grounding in the core theoretical, practical and research related areas of Media and Communication. It facilitates students learning and understanding about media concepts and production

processes in national and global context.

## OBJECTIVES

- To produce such competent professionals who may act as leaders in the field of Media Industry.
- To acquaint students with social and critical discourse in the discipline.
- To groom students in research activities in the field of media and to

- develop effective research groups.
- Facilitating students to conduct research while maintaining the ethical values and conduct which may be beneficial to the academia at large.

## MORE DETAILS

Apply at:  
**admissions.fui.edu.pk**  
 Course detail:  
**<http://furc.fui.edu.pk/index.php/programs-anm/msm>**  
 (+92)-51-5151437

### Semester 1

MDS6011	Approaches to Mass Communication Studies – I (Compulsory)
MDS6021	Communication Research Methods-I (Compulsory)
MDS6014	Mass Media, Culture & Society (Optional)
MDS6035	Media & Politics (Optional)

### Semester 2

MDS6012	Approaches to Mass Communication Studies – II (Compulsory)
MDS6022	Communication Research Methods-II (Compulsory)
MDS6013	MS Seminars (Compulsory)
MDS6052	Digital Media (Optional)

### Semester 3

MDS7011	Thesis Proposal Writing
MDS7011	Thesis (Research Track) of 6 credit hrs / Two Elective Courses of 3 Credit Hours each

### Elective Courses - Media Management

MDS6061	Media Management and Marketing
MDS6062	Media Managerial Communication

### Elective Courses - Media Sciences

MDS6014	Mass Media, Culture & Society
MDS6031	Philosophy of Social Sciences
MDS6015	Theories of Influence on Media Content
MDS6032	Pakistan Media Prospects & Challenges
MDS6033	Media Debates
MDS6034	International Communication
MDS6035	Media and Politics
MDS6036	Media Sociology

### Elective - Production

MDS6041	Framing, Reframing and Un-framing Cinema
MDS6042	Cinematography
MDS6043	Media Production
MDS6044	Editing Techniques

### Elective - Communication Design

MDS6051	Design Information, Technology Entrepreneurship
MDS6052	Digital Media
MDS6053	User Interface Design
MDS6054	Visual Literacy & Visual Ethics

# Department of English

The Department of English at Foundation University Rawalpindi Campus, one of the most dynamic and vibrant departments, offers an exciting and conducive to learning environment, and is supported by highly professional, local and foreign qualified, experienced and dynamic faculty. English programmes have been a part of Foundation University Islamabad ever since its inception over a decade ago. The English programmes take learners from broad knowledge base to in-depth concept understanding as they move up the tiers into segregated streams. Besides offering academic programmes, the department also caters to developing English language skills of the graduate and undergraduate students of other departments of the university including Arts and Media, Management Sciences, Electrical Engineering, Psychology and Software Engineering.

The department enjoys cordial relationships with other counterparts and faculty in the twin cities and regularly invites senior academics and researchers from around the country to deliver lectures or conduct seminars on various topics. The students are also actively encouraged to participate and present in seminars and conferences around the country.

## PROGRAMMES OFFERED

The department offers a wide range of programmes from undergraduate to doctoral research degrees.

### BS English

- 4 years graduation programme after HSSC

### MS English Literature

- 1.5-4 years postgraduate programme after BS /MA

### MS English (Applied) Linguistics

- 1.5-4 years postgraduate programme after BS /MA

### PhD English

- 3-8 years research programme after MS/MPhil



## MISSION OF THE DEPARTMENT

**Skills Based:** To develop and strengthen communicative and critical competence in all four skills of the English language – listening, speaking, reading and writing.

**Knowledge Centered:** To expand our students' knowledge base in the domains of English literature, Linguistics and ELT and increase their understanding of traditions and current discourses in these fields of study.

**Research Oriented:** To nurture a commitment to critical and academic inquiry in our learners, while fostering and strengthening their creative potential, analytical abilities and research skills.

**Value Focused:** To infuse the spirit of social humanism with the aim of contouring accepting personalities capable of accommodating competing discourses from all intellectual, religious, cultural, ethnic and political perspectives.

**Career Driven:** To synchronize our courses with emerging trends and market demand, thereby ensuring our graduates' continuing positive contribution to their professions and society.

# BS ENGLISH



BS English is a specialized four year programme, tailored to implement HEC’s proposed paradigm of learning, building a broad base by introducing students to a number of diverse fields such as Logic, Philosophy, Human Rights, Psychology and Business Administration, before immersing them in the specialized domain of English Literature, Linguistics and Language Teaching. This results in a rich and varied learning experience that sets up the learners for diverse career and learning opportunities.

## SALIENT FEATURES

- Designed by experts in the field adhering to HEC guidelines.
- Offers introductory courses on Psychology, Logic, International Relations, Human Rights, Business Administration, for a holistic learning experience and to develop professional skills.
- Represents an ideal blend of English literature, linguistics, applied linguistics, and social sciences
- Includes emerging courses in major domains such as Contemporary Short Fiction, Critical Discourse Analysis, Computer Aided Language Learning and World Literature in English.

## AIMS & OBJECTIVES

The key aims and objectives of the BS programme are to:

- Introduce the learners to courses from diverse fields to promote transdisciplinary thinking.
- Offer a structured path to exploring issues in linguistics and literature.
- Nurture a culture of research-based learning
- Help the students form a sound basis for higher learning
- Inculcate and strengthen modern research skills.
- Establish a sound basis for higher studies.

## SCHEME OF STUDIES / SEMESTER BREAKDOWN

Course Category	No of Course /Credit Hours in each Semester								Total	
	1	2	3	4	5	6	7	8		
Compulsory Courses	2(6)	2(5)	2(6)	2(6)	-	-	-	-	8(23)	
General Education Courses	2(6)	2(6)	2(6)	2(6)	-	-	-	-	8(24)	
Discipline Specific Foundation Courses	2(6)	2(6)	2(6)	2(6)	-	-	-	-	8(24)	
Major/Core Courses	-	-	-	-	5(15)	5(15)	3(9)	3(9)	16(48)	
Elective Courses	-	-	-	-	-	-	2(6)	2(6)	4(12)	
Total Per Semester	Courses	6	6	6	6	5	5	5	5	44
	Credit Hours	18	17	18	18	15	15	15	15	131

# LIST OF BS ENGLISH COURSES

## COMPULSORY COURSES (Offered in First 4 Semesters)

- ENG1101 English I - Intro to English Grammar
- HUM1001 Islamic Studies
- ENG1201 English II - Reading and Writing
- HUM1002 Pakistan Studies
- ENG2301 English III –Listening and Speaking
- CSC1001 Computers in English Studies
- ENG2401 Study Skills-Presenting Academic Content
- HRC2401 Human Rights and Citizenship

## GENERAL EDUCATION COURSES (Offered in First 4 Semesters)

As per HEC guidelines, the following general education courses will be offered in the first four semesters (2 general education courses per semester.

- MCO1021 Intro to International Relations
- MCO1011 Intro to Mass Communication
- MTS1004 Mathematics
- PHI1101 Intro to Philosophy
- PSY1101 Intro to Psychology
- SOC1101 Intro to Sociology
- PMT1101 Principles of Management
- LOG2101 Intro to Logic
- ETH2101 Ethics and Tolerance
- GEO1101 Intro to Geography
- HUM2001 Intro to Critical Thinking

## DISCIPLINE SPECIFIC FOUNDATION COURSES (Offered in First 4 Semesters)

- RES4011 Intro to Research Methodology
- LIT1001 Intro to Literature
- LIN1001 Intro to Linguistics
- LIT1011 History of English Literature I
- LIN1011 English Phonology
- LIT2012 History of English Literature II
- LIN2021 Intro to Morphology and Syntax
- LIT2021 Poetry I
- LIN2043 Intro to Semantics



## MAJOR / CORE COURSES (Offered In Last 4 Semesters)

- LIT3051 Literary Criticism
- LIT3041 Novel I
- LIT3031 Drama I
- LIN3045 Intro to Pragmatics
- LIN3061 Intro to Sociolinguistics
- LIT3053 Literary Theory
- LIT3022 Poetry II
- LIT3032 Drama II
- LIN3071 Intro to Psycholinguistics
- LIT3061 Intro to Stylistics
- LIT4042 Novel II
- LIT4071 American Literature
- LIN4041 Intro to Discourse Analysis
- LIT4073 World Literature in English
- LIT4095 Intro to Postmodern Literature

## ELECTIVE COURSES (Offered in 7th & 8th Semester)

- LIT4081 Essays and Short Stories
- LIN4051 Teaching of English as a Second / Foreign Language
- LIN4007 History of English Language
- LIN4025 Advanced Syntax
- LIN4071 Intro to Corpus Linguistics
- LIT4093 Intro to South Asian Literature
- LIN4053 Testing and Assessment
- LIN4049 Intro to Computational Linguistics
- LIN4059 ELT Practicum
- LIN4081 Intro to Translation Studies
- LIN4057 Computer Assisted Language Learning
- LIT4075 African Literature
- LIT4077 Postcolonial Women's Writing
- LIT4076 Pakistani Folk Literature
- LIN3069 Emerging Trends in Sociolinguistics
- LIN4056 English for Specific Purposes
- LIN4052 Pakistani English
- LIN4054 Second Language Acquisition
- LIN4072 Intro to Forensic Linguistics
- LIN4073 Intro to Clinical Linguistics
- LIN4044 Language and Gender
- LIN4058 Intro to Critical Pedagogy
- ENG5099 Thesis/Research Project \*

\* Thesis/Research Project is optional for students with 3.5 or above CGPA. Students with less than 3.5 CGPA are not eligible to register for RES5099 Thesis/Research Project. Such students and anyone not opting for thesis will take 6 credit hours of other elective courses in lieu of Thesis/Research Work.

## SEPARATE LITERATURE AND LINGUISTICS STREAMS ENGLISH LITERATURE

The MS English programme at FUI is unique in that it offers students the option to specialize either in English Literature or (Applied) Linguistics which are distinct fields of study in their own rights. Thus, not only does this bifurcation allows students to opt for a stream that best reflects their interests and strengths, but it also gives freedom to the faculty to tailor their courses in a way that provide in-depth grounding and consolidating in the respective fields rather than providing a superficial and diluted courses in various subjects. This

approach stems from the belief that at this advanced level the excellence springs from the quality research programmes which encompass profound knowledge coupled with strong research skills. We regard research as a key skill in developing critical thinking and in achieving excellence in whatever field our students wish to pursue for their studies. This distinctive characteristics make our MS programme a sought after course of studies and ideal for those who want to excel in their chosen domain.

The MS Programme is a full-time taught programme offered in two modes, i.e., Research Mode (Degree Completion via Research), and Coursework Mode (Degree Completion via Coursework).

### RESEARCH MODE (DEGREE COMPLETION VIA RESEARCH)

The Research mode is split into two phases. The first phase is course work of 24 credit hours split between two semesters. Successful completion of the coursework with a CGPA of or higher than 2.5 will entitle the scholar to proceed to the phase of writing a research thesis. Candidates with less than 2.5 CGPA will have the option to improve courses to attaining 2.5 CGPA. The maximum number of improvement courses will be as per FUI rules. The improve courses will be offered/allowed as per FUI rules. The scholar will come up with a research proposal—research synopsis of around 5000 words—after clearing their course work with the required CGPA and upon approval from the competent authority start their research thesis.

Research Mode	
Coursework:	24 Credit Hours
Thesis:	6 Credit Hours
Total Credit Hours:	30
Duration:	3-8 semesters (1.5 to 4 years)

### COURSEWORK MODE (DEGREE COMPLETION VIA COURSEWORK)

The MS Programme may also be completed by coursework only. Students who want to opt this route will study courses of thirty credit hours (24 in the first two semesters and 6 more in another semester). The department will offer courses for completing the programme by coursework only in the Spring semester. Students will still need a CGPA of 2.5 or above to be eligible for the award of degree.

Coursework Mode	
Coursework:	30 Credit Hours
Total Credit Hours:	30
Duration:	3-8 semesters (1.5 to 4 years)





# AIMS & OBJECTIVES

The key aims and objectives of the MS programme are to:

- Offer the scholars exposure to specialized courses in their chosen field
- Inculcate research skills through projects and research-based assignments during the coursework
- Offer a rich experience of supervised research that ensures an understanding of the different stages and processes involved in research
- Help the students form a sound basis for higher learning and independent research



## MS ENGLISH (APPLIED) LINGUISTICS SCHEME OF STUDIES

Code	Core Courses	CrH
LIN6091	Research Methods in Linguistics	3
LIN6021	Theories of Linguistics	3
Elective Courses		
LIN6031	Applied Linguistics	3
LIN6073	Issues in Syntax	3
LIN6025	Multilingualism	3
LIN6047	Language, Gender and Identity	3
LIN6046	Language and Media	3
LIN6044	Language, Power and Ideology	3
LIN6042	Critical Discourse Analysis	3
LIN6067	English for Specific Purposes	3
LIN6066	Second Language Teaching	3
LIN6068	Language Assessment	3
LIN6075	Applied Grammar And Syntax	3
LIN6041	Discourse Studies	3
LIN6017	Translation Studies	3
LIN6019	Latest Trends in Linguistics	3
LIN6053	Corpus Linguistics	3
LIN6035	Psycho-Neurolinguistics	3
LIN6023	Anthropological Linguistics	3
LIN6029	Systemic Functional Linguistics	3
LIN6049	Genre Analysis	3
LIN6095	Research Seminar	0
Research Work		
LIN7099	Thesis	6
Language Proficiency Courses		
ENG 6011	Academic and Research Writing (Non Credit – Additional Course)	0

## MS ENGLISH LITERATURE SCHEME OF STUDIES

Code	Core Courses	CrH
LIT6091	Research Methods in Literature	3
LIT6061	Literary Criticism and Theory	3
Elective Courses		
LIT6045	CDA for Literary Studies	3
LIT6064	Postcolonial Theory and Literature	3
LIT6015	Modern & Contemporary Poetry	3
LIT6025	Diaspora Literature	3
LIT6011	20th Century Short Fiction	3
LIT6045	Contemporary Novel	3
LIT6035	Advanced Stylistics	3
LIT6057	'Literature in Film' Studies	3
LIT6021	South Asian Literature	3
LIT6067	Postmodern Criticism	3
LIT6051	Globalization and Literature	3
LIT6053	Literature and Environment	3
LIT6081	Women's Writings	3
LIT6017	Postmodern Fiction	3
LIT6071	Translational Poetry	3
LIT6055	Digital World and Literature	3
LIT6072	Introduction to Monster Studies	3
LIT6073	Medical Fictions: From Romantic to Modern	3
LIT6023	Chinese Fiction in English	3
LIT6068	Magical Realism in English Literature	3
LIT6095	Research Seminar	0
Research Work		
LIT7099	Thesis	6
Language Proficiency Courses		
ENG 6011	Academic and Research Writing (Non Credit – Additional Course)	0



PhD English at FUI is a full-time research degree programme intended to hone their research skills to highest level so that they are well versed with the current and reigning research skills in their fields of study. Our ultimate goal is to transform our scholars into expert researchers capable of producing research of highest quality where they can break new grounds and publish their works at international forums. This is coupled with our aim to provide them intensive exposure to in-depth understanding of the major frameworks and theories in their respective disciplines. This combination, in our view, is the ideal blend to produce graduates of international standard who are capable of competing at any level with promise of success.

The PhD programme allocates two semesters to the coursework of 18 credit hours. The third semester is used for sitting the comprehensive examination, which comprises written and oral components. Upon satisfactory performance, the scholars win research candidacy and move on to defending their synopsis. PhD scholars will then undertake writing a dissertation and submit it within the maximum duration of the programme.

### CANDIDACY AS A PHD RESEARCHER

The following criteria will be used to grant research candidacy to PhD English scholars.

- Completion of coursework of 18 credit hours with CGPA 3.0 out of 4.0 or higher.
- Consent form by Supervisor who is supervising not more than a maximum of five PhD researchers at the time.
- Passing Comprehensive Examination based on the chosen field of research.

### DEGREE REQUIREMENTS

A PhD scholar must get one article published in an HEC recognised category “Y” journal to become eligible for the award of degree.

### RESEARCH WORK

Scholars registered in the PhD programme are required to undertake research as a compulsory requirement for the successful completion of the programme. The following guidelines are laid down for the assessment of the research work.

- A synopsis must be presented submitted after passing the comprehensive examination.
- A scholar may commence research work only after the synopsis is approved by the FUI BASAR.
- The word count for the PhD dissertation must be between 80,000 to 120,000 words.
- A dissertation must have a Turnitin® similarity index of less than nineteen percent (19%) to be judged as acceptable as per current HEC guidelines.
- A dissertation that has been deemed free of plagiarism will be evaluated by two foreign examiners and three local/national examiners one of whom will be from within the University.
- Three positive reports are required for the conduct of the public defence of the dissertation for evaluation



# SCHEME OF STUDIES (PHD)

#	Course Code	CORE COURSES	Pre Requisite	Credit Hours
01	ENG8995	Advanced Seminar in Research	—	3
<b>ELECTIVE COURSES</b>				
01	ENG8026	Phonological Theory and Optimality	LIN 1011 English Phonology	3
02	ENG8007	Syntactic Theory and Minimalism	LIN2021 Intro to Morphology and Syntax	3
03	ENG8061	Methods of Corpus Linguistics	LNK6053 Corpus Linguistics	3
04	ENG8063	Corpus Stylistics	—	3
05	ENG8004	Lexical Functional Grammar	—	3
06	ENG8054	Language Policy and Planning	—	3
07	ENG8001	Morphological Theories	—	3
08	ENG8031	Computational Linguistics	—	3
09	ENG8011	Conceptual Semantics	LIN2043 Introduction to Semantics	3
10	ENG8015	Intercultural Pragmatics	—	3
11	ENG8034	Cognitive Linguistics	—	3
12	ENG8022	World Englishes	—	3
13	ENG8028	Dialectology	—	3
14	ENG8024	Anthropological Linguistics	—	3
15	ENG8075	Current Issues in Literary Theory	LIT3053 Literary Theory	3
16	ENG8071	Theories of Narrative and Narratology	—	3
17	ENG8103	Shakespearean Studies	—	3
18	ENG8101	Pakistani Literature in English	—	3
19	ENG8104	Latin American Literature	—	3
20	ENG8105	World Literature in English	—	3
21	ENG8106	Post WW II Women Writers in English	—	3
22	ENG8107	Cultural Translation	—	3
23	ENG8108	Trends in American Literature	LIT4071 American Literature	3
24	ENG8109	Emerging Genres in Literature	—	3
<b>RESEARCH WORK</b>				
01	ENG9999	Dissertation	—	18



**Foundation University  
Rawalpindi Campus**

[www.fui.edu.pk](http://www.fui.edu.pk)

(051) 111 387 211 (ext: 238, 222)

**Foundation University Rawalpindi  
Campus, New Lalazar, Rawalpindi,  
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