

Department of Management Sciences



Discovering Knowledge

PhD in Management Sciences

2017

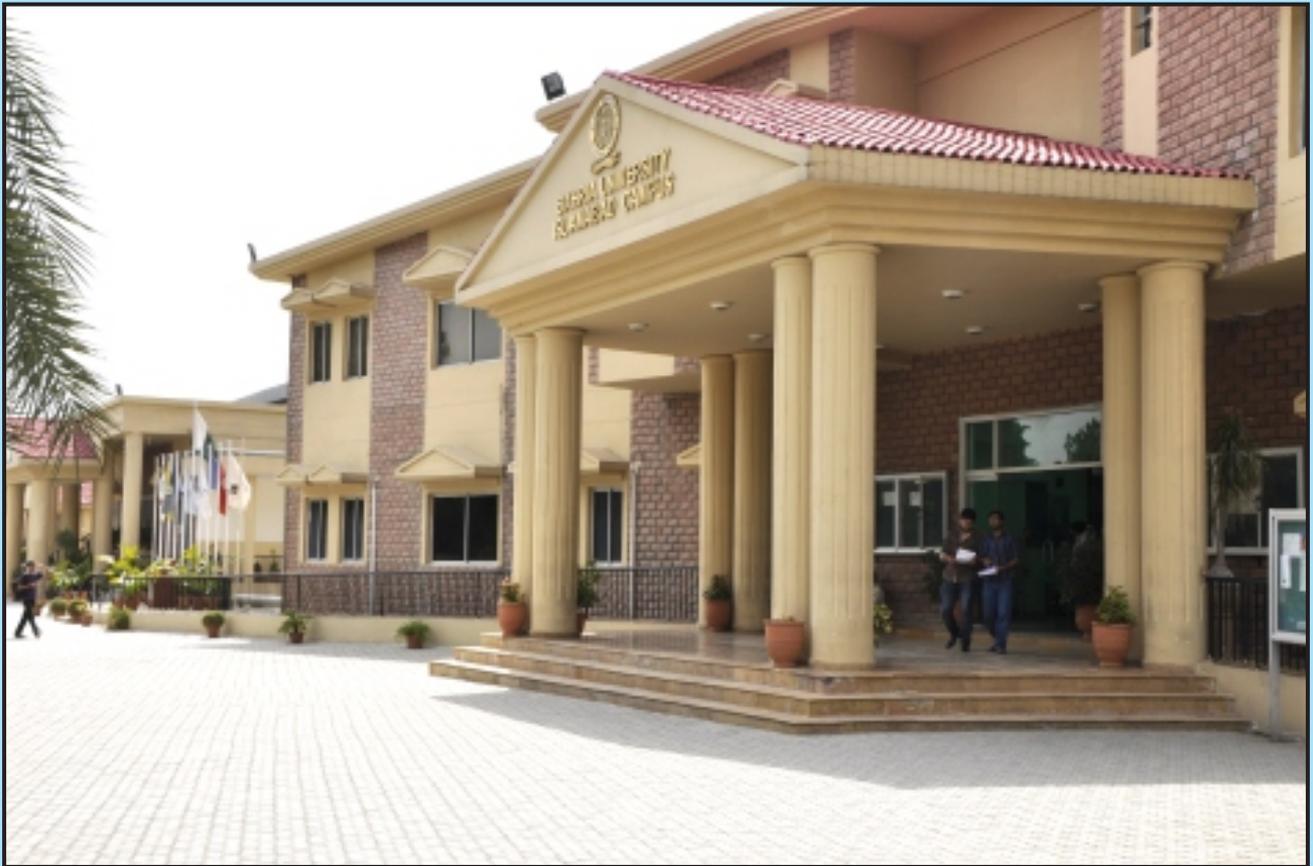


Department of Management Sciences

PhD in Management Sciences



Discovering Knowledge



Bahria University Islamabad Campus



Bahria University Karachi Campus

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INTRODUCTION

Department of Management Sciences draws the strength on the experience, expertise and energy of Bahria University. The department offers a wide range of business degree programs at the undergraduate and postgraduate levels including PhD programs. It also has a comprehensive executive development program. Department of Management Sciences is committed to the pursuit of excellence in business education and its related academic disciplines.

The development of professionals, who will play the role of productive leaders, is at the forefront mission of the Department of Management of Sciences. The programs of the Department have been designed to inculcate in graduating students, the essential skills and leadership traits required for various managerial positions. Its programs draw on the vast resources of the University's experienced academicians and industry practitioners.

All the Department of Management Sciences programs go through a rigorous review process after every two years, ensuring that the highest possible academic standards are maintained. Within the programs, courses are reviewed on a regular basis by employers and senior academic staff from other national and international universities to ensure their standards of excellence and relevance to the prevailing industrial trends.

We believe Department of Management Sciences programs are highly demanding and rewarding to attract the potential students, who value the journey of excellence.



RESEARCH at DEPARTMENT of MANAGEMENT SCIENCES

The regular faculty members of Department of Management Sciences' are actively engaged in research activities through strong linkages with the industry and public sector groups. Research at Department of Management Sciences is critical and creative activity undertaken on a systematic basis in order to extend knowledge and understanding with an overall purpose to provide solutions to theoretical and practical problems.

Department of Management Sciences research activities are the foundation for achieving the overall mission of the university. It is central to the Department's philosophy that research should be of an applied and practical nature and should lead to overall improvement of teaching and management practices.

Research at Department of Management Sciences could be driven by real world issues and could stand up to rigorous scrutiny by both academic and industry practitioners alike.



PROGRAMS OVERVIEW

The objective of PhD programs is to develop outstanding professional and academicians for the industry and for the academic world. The goal of Doctoral levels research at the Department of Management Sciences is to contribute to the existing body of knowledge. This objective can be achieved when PhD candidate unveils new knowledge either by the discovery of new facts, or by the formulation of theories or by the innovative re-interpretation of known data and established ideas.

The PhD program comprises coursework and supervised research thesis. It is meant for graduates seeking to extend and deepen their knowledge by undertaking research investigation under the supervision of faculty member of the Department of Management Sciences. The PhD program curriculum enables candidates to master the concepts and skills of research directly relevant to solving business management problems. A successful PhD graduate is someone who can bring ideas from his/her research findings, to bear on important business problems within the context of his/her individual workplace.

The PhD coursework components are conducted in small classes led by highly qualified faculty members of the Department. The coursework environment for candidates is stimulating and challenging that requires substantial commitment.



PROGRAMS CONTENTS

THE COURSE WORK

The PhD coursework will introduce each student to a range of theories and methodologies used in researching all types of management science topics. The coursework component of PhD program consists of six (6) subjects stretching over two (2) semesters. The subject content progresses from the broader aspects of management research, to the specific skills required to conduct and deliver a compelling research design and literature review. For each coursework subject, student will be required to attend forty eight (48) hours of class work in addition to completing a substantial amount of private research for preparation of class assignments and examinations. To enable progression to the thesis, student must have to maintain consistently high levels of achievement throughout the course work.

THE THESIS

As per HEC rules the thesis is scheduled for 2nd & 3rd year of the PhD program. Thesis supervision is conducted individually and student guidance takes place in the form of supervisory meetings. The aim of the thesis is to demonstrate that the candidate has made a distinctive and original contribution to the improvement of theories/professional practice, or policy or strategy in the field of management sciences. The completed thesis will be presented for examination and successfully defended according to the university requirements. The dissertation of program comprises a comprehensive thesis-style research project undertaken by each student on an individual basis. To facilitate the thesis process, students will be allocated a principal supervisor, and one or more associate supervisors, with expertise in their nominated discipline. The primary supervisor will be a permanent faculty member (s) of the Department of Management Sciences, who has undergone an appropriate research experience and has been approved for supervision by the university. After the completion of required coursework, students will prepare and defend a thesis proposal. If accepted, students will work on the thesis in close consultation with their principal supervisor.

DURATION AND MODE

The PhD program may be completed within a minimum period of three (3) years and maximum period of six (6) years including one (1) year coursework. Each subject of PhD coursework involves forty eight (48) hours of face to face lectures. During lectures, students shall have the opportunity to learn from the faculty member (s) and also from their peers. Lectures are highly interactive, course and contents are linked directly to the real-world issues as well as philosophical underpinnings of the process of knowledge production.



STRUCTURE OF PhD PROGRAMS

The PhD is an intensive program structured as "CourseWork" and "Supervised Research Thesis". The program fulfills the requirements of the Higher Education Commission (HEC). The course work components are specifically designed to maximize learning and develop a comprehensive skill base required to undertake thesis research. Assessment of each subject will be based on a combination of individual assignments and examinations. Academic standards will be of the Doctoral levels and students will be required to pass each subject before progression to the thesis/dissertation is permitted. The structure of the programs is as follows:

STRUCTURE OF PhD PROGRAM STRUCTURE OF PhD COURSEWORK AND RESEARCH THESIS

Course Code	Subject Name (s)	Credit Points
MGT 802	Advanced Qualitative Research Methods	3
MGT 805	Contemporary Issues in Management Sciences	3
MGT 806	Advanced Qualitative Research Methods	3
Elective I	Specialization in Management Science	3
Elective II	Specialization in Management Science	3
Elective III	Specialization in Management Science	3
SRD 901	Supervised Research (PhD Thesis)	36

Credit Hours for Coursework: 18
Credit Hours for Thesis: 36
Total Credit Hours for PhD: 54



DURATION: MINIMUM 3 YEARS AND MAXIMUM 6 YEARS
SCHEME OF STUDY COURSE WORK (Ph D)
YEAR ONE

SEMESTER 1	
MGT 806	Advanced Quantitative Research Methods
MGT 802	Advanced Qualitative Research Methods
MGT 805	Contemporary Issues in Management Sciences

SEMESTER 2	
MGT XXX	Elective: I (800 Level)
MGT XXX	Elective: II (800 Level)
MGT XXX	Elective: III (800 Level)

YEAR TWO

SEMESTER 3		
Course Code	Subject Name (s)	Credit Points
SRT 901	Supervised Research (Formal Thesis Proposal Development)	9

SEMESTER 4		
Course Code	Subject Name (s)	Credit Points
SRT 901	Supervised Research: (Formal Thesis Proposal Defence; Research Plan and Approach Towards Thesis Write-up)	9

YEAR THREE

SEMESTER 5		
Course Code	Subject Name (s)	Credit Points
SRT 901	Supervised Research (Thesis Write-up): Field of Inquiry & Review of Literature Theoretical Framework Research Method & Design Data Collection & Analysis	9



SEMESTER 6

Course Code	Subject Name (s)	Credit Points
SRT 901	Supervised Research (Thesis write-up): Findings, Discussion and Conclusion; Defence of First Draft of Thesis; Submission of Revised Draft of Thesis	9
	Total Credit Hours for Ph D Thesis (supervised Research)	36

LIST OF ELECTIVE COURSES PhD PROGRAMME (MS)

Sr.	Course Code	Subject Title
1	MGT 830	Seminars in Organizational Behavior
2	MGT 831	Communications Strategies for scholars
3	MGT 832	Seminal in Behavioral Decision Making
4	MGT 833	Seminal in International Human Resource Management
5	MGT 834	Dissertation Research
6	MGT 835	Industrial /Organizational Psychology.
7	MGT 836	Seminar in economics of Strategy and Organization
8	MGT 837	Seminar in Leadership and change Management
9	MGT 838	Advanced International Business Management
10	MGT 839	Intelligent Information systems Marketing Courses
11	MGT 840	Seminar in Entrepreneurial Communication
12	MGT 841	Behavior Research in Marketing
13	MGT 842	Seminar in Behavioral research in Marketing II: Consumer Behavior.
14	MGT 843	Seminar in Product Planning
15	MGT 844	Seminar in qualitative Research in Marketing: Strategic Models and Methods
16	MGT 845	Empirical Analysis of Dynamic Decision Context
17	MGT 846	Culture and Persuasion
18	MGT 847	Seminar in International Marketing
19	MGT 848	Advance topic in Marketing
20	MGT 849	Marketing Research and Analysis
21	MGT 850	Seminar in International Advertising
22	MGT 851	Behavior Research in Marketing
23	MGT 852	Production and Operations Management
24	MGT 828	Financial Econometrics
25	MGT 870	Behavioural Finance and Decision Making

Note: Course will be offer on the basis of availability of resources and as per BU rule.



DESCRIPTION OF PhD CORE SUBJECTS

The coursework component of the PhD program is designed to maximize learning along with developing skill set required to successfully fulfill the requirement of PhD. The brief description of the each core subject is as follow:

MGT 806

Advanced Quantitative Research Methods

Advanced quantitative research methods consist of a blend of mathematical structure, statistical tools and econometric methods without which it is extremely difficult to conduct advanced level research. Contemporary research in the areas of organization, strategy and business management, finance and economics requires researchers to not only relate quantitative variables but they also need to learn how to quantify the qualitative variables and then measure their liner and non linear variables. This course aims at enabling the students to have a firm grasp over the domain of designing and conducting qualitative and quantitative research within management sciences. It greatly helps students learn the techniques involved in quantitative research and the application of various softwares such as SPSS, E-views, STATA and GRETL. The course is concerned with the empirical determination of business and economic laws.

MGT 802

Advanced Qualitative Research Methods

This subject reviews and develops students skills and learning of selecting, collecting and interpreting of qualitative analysis of data. In addition, the subject aims to develop an understanding of the limitations of qualitative analysis. This course enables students to provide a convincing rationale for the usage of qualitative research strategies and adapt the style of scientific presentation to the requirements of qualitative research.

MGT 805

Contemporary Issues in Management Sciences

This course is the study of many factors that relate to business and management focusing on the significant current trends and issues tat impact society and individual both on a national and global level. It creates an awareness of issues beyond the scope of topics covered in conventional business.



COURSE DESCRIPTION OF ELECTIVES

The following are the courses and Brief description of Elective courses in PhD program

MGT 830

Seminar in Organizational Behavior

This seminar relates existing theory and research to organizational problems by reviewing basic concepts in a number of areas including: individual motivation and behavior, decision making, interpersonal communication and influence, team and small group behavior, and individual, dyadic, and intergroup conflict and cooperation. The course focuses on the ways in which organizations and their members affect one another and exposes students to frameworks for diagnosing and dealing with problems in organizational settings. Students participate in a number of group exercises to illustrate course principles and to give them practice not only diagnosing organizational problems but also taking action to improve team and overall organization performance.

MGT 831

Communication Strategies for Scholars

Educators must not be only experts in their subject matter but also effective scholarly communicators. This course will examine the theories for effective communication in the wide range of settings that a PhD scholar will encounter such as: seminars, academic conferences, job talks, and ultimately in the classroom. This course will provide PhD candidates with the opportunity to practice course principles in simulated communication settings and receive direct and video-taped feedback on their performance. Students will benefit from participating in observations of other classes (within and beyond their discipline), readings on current education and communication theory and practice, class discussion, and visits from renowned professors.

MGT 832

Seminar in Behavioral Decision Making

This seminar examines research on the psychology of judgment and choice. Although the normative issue of how decisions should be made is relevant, the descriptive issue of how decisions are made is the main focus of the course. Topics of discussion include choice, judgment heuristics and biases, decision framing, prospect theory, mental accounting, context effects, task effects, regret, and other topics. The goal of the seminar is multi-fold: to foster a critical appreciation of existing knowledge in behavioral decision theory, to develop the students' skills in identifying and testing interesting research ideas, and to explore research opportunities for adding to that knowledge.



MGT 833

Seminar in International Human Resource Management

Faced with the continuing growth of globalization in industry, Human Resource professionals are increasingly required to demonstrate understanding of the intricacies of conducting HRM programs in international and cross-cultural contexts. This course will examine organizational and employees perspectives on the design and delivery of international HRM programs. Issues to be explored include strategies for global recruitment and selection, multi-country compensation programming, cross-cultural adjustment and repatriation, performance management and career development for multinational employees, health and safety issues, workforce diversity and international labor relations.

MGT 834

Dissertation Research

The purpose of this course is to train doctoral students in the use of the scientific approach in educational and social science research, to ensure informed decision- making well-grounded in empirical research. After receiving training on the utilization of library database applications and various research methodologies, students will develop (a) the elements of a research examination, based on a problem in the workplace or field of interest, (b) a related literature review, (c) a purpose statement, and (d) research questions. The exploration stage of a research topic, the topics for Ph.D. The study topic should demonstrate in-depth and advanced research knowledge. The research relevance should also encompass innovative contributions to the doctoral degree study. The documentary stage of research proposal involves identifying appropriate research topic, studying the philosophy of research and basic concepts related to the research topic. The preparation stage for research proposal development which includes literature review, research question, and a clear focused introduction.

MGT 835

Industrial/Organizational Psychology

An introduction to psychological science as applied to the study of organizations and people at work. The course explores three broad areas of individual and organizational functioning: personnel decision-making (such as job analysis and employee selection); personal work experiences (such as job attitudes and motivation); and work group/organizational issues (such as leadership and group/team dynamics). For each topic, the course examines how psychological research can be conducted and applied to understand and improve worker experiences and organizational functioning.

MGT 836

Seminar in Economics of Strategy and Organization

This seminar examines economic approaches to the classic issues of strategic management. Topics include "outside the firm" areas of research such as industry and competitor analysis, switching costs, network externalities, nonlinear pricing, and pricing with naive consumers as well as "inside the firm" areas such as leadership, allocation of authority, and organizational complementarities. The seminar also considers research on the boundaries of the firm including vertical integrations, contractual channel relationships, and the relationship of financial structure and strategy. Empirical work is emphasized, but theoretical work



is also examined, especially as it informs the empirical work. Class sessions combine lectures, discussions and student presentations. Discussions emphasize evaluating the research methods employed in the papers and identifying opportunities for future research. For selected topics, discussion may be an MBA-style case study relevant to the topic. This provides "real-world" examples to inform the research and to familiarize students with MBA teaching.

MGT 837

Seminar in Leadership and Change Management

This seminar will focus on individual, team, and organizational leadership and will provide learners with the foundation for examining and developing their own individual leadership style. The work of a leader is to constantly look forward and provide necessary changes for the organization, being the visionary is critical to success in any organization, and a key attribute for any organizational leader. As a result, this seminar will focus on Leadership and Change Management. In doing so, the leader's role as a change agent will be the focus of the seminar. Understanding various methods of bringing about change will be provided and researched by learners, and then discussed. The seminar will also dwell into and explore numerous aspects of leadership including but not limited to horizontal and vertical leadership, formal and informal leadership, team leadership, performance, ethics and authenticity.

MGT 838

Advanced International Business Management

The overall aim of the course is to provide a pre-experience qualification in business management with a strong international dimension. Attention is paid to the comparative analyses of countries, institutions, cultures and the strategic decision-making of companies operating within this environment. The course has been designed for individuals who aspire to a career in international business management and will practically prepare students for a range of positions in international, multinational or transnational companies. The course will also provide participants with the expertise appropriate to a management career in the not-for-profit sector.

MGT 839

Intelligent Information Systems

Business intelligence (BI) systems are applications and technologies for gathering, storing, analyzing, and accessing information for better business decision making. Examples of BI systems include measuring and monitoring key performance indicators, benchmarking and forecasting sales, performing data mining and analysis of customer information to discover new business opportunities, and building enterprise dashboards to integrate and visualize information from various business areas. This course guides students through the complete life cycle of building and managing BI and analytics systems. Students are introduced step by step to various phases and complexities in building and supporting successful BI and analytics systems. Topics include best practices in BI requirement gathering; BI project management; data warehousing; ETL (extract, transform, and load); data mining, predictive analytics, online analytical processing, BI application development, BI implementation, and production support.



MGT 840

Seminar in Entrepreneurial Communication

College campuses have been the incubators for thousands of new business ventures. What makes the difference between a successful entrepreneur and an initial failure out of the gate? It's often not the quality of the idea, but rather the ability of the entrepreneurs to successfully communicate their vision to potential investors, employees, and customers. This seminar will explore successful and failed entrepreneurial communication. Students will learn the basics of persuasive oral and written communication, and then apply these principles to their own ideas.

MGT 841

Behavioral Research in Marketing

This course prepares the students to do empirical behavioral research on consumer and managerial behavior and other behavioral issues. It will cover some of the key concepts, principles, and techniques of behavioral research, with emphasis on experimental and non-experimental design.

MGT 842

Seminar in Behavioral Research in Marketing II: Consumer Behavior

This Ph.D. seminar provides coverage of the major research carried out in consumer research both in marketing and psychology. A vast set of topic will be covered including conscious and non-conscious consumer goals, motivations, emotions, attention and perception and consumer decision processes. The seminar will help students hone their ability to conceptualize, operationalize, and develop research ideas and will provide a grasp of what it takes to be a successful academic in the field of consumer behavior.

MGT 843

Seminar in Product Planning

This seminar is intended to examine useful quantitative models and methods relevant to product planning and pricing, and promotion. Topics include conjoint analysis and measurement of multi-attributes preference structures, LOGIT choice models, information search, product positioning, brand and customer equity, new product introduction, market structuring, and new product diffusion. The seminar requirements include class discussion and a research proposal developing a new idea or a new application of existing theories and methods.

MGT 844

Seminar in Quantitative Research in Marketing:

Strategic Models and Methods This seminar will review major contributions and recent developments in marketing with a particular emphasis on the strategic interactions between firms and consumers. It will be examined as how firms craft their product, pricing, advertising, sales force, and channel strategies to create and sustain competitive advantage. Discussion will also take place as how consumers react to different firm strategies mentioned above. The main purpose of the course is to generate new ideas, new research topics, and new applications for existing concepts and theories.



MGT 845

Empirical Analysis of Dynamic Decision Context

This course will focus on empirical tools for analyzing dynamic decision contexts, wherein current actions of firms or consumers have effects on future payoffs, profits and/or competitive conduct. The course will build on the relevant material generally, but applications will be mostly focused on empirical marketing and industrial organization problems. There will be an applied focus overall, emphasizing the practical aspects of implementation, especially programming. The overall aim of the class is to help students obtain the skills to implement these methods in their research. Towards the end of this course, students are expected to be able to formulate a dynamic decision problem, program it in a language such as Matlab or C, and to estimate the model from data. The course starts with an overview of consumer theory and static models of consumer choice. Building on this material it is intended to introduce discrete choice markovian decision problems, and continuous markovian decision problems, and focus on developing the computational toolkit for the numerical analysis of these problems.

MGT 846

Culture and Persuasion

Objectives of the course are to (1) familiarize students with research in cultural psychology, particularly in the context of consumer behavior, and (2) build a set of academic-oriented skills (e.g., critical thinking, presentations, review process, creating hypotheses and testing them creatively). Specifically, the focus will be on understanding current theoretical and methodological approaches to various aspects of culture and persuasion, as well as advancing this knowledge by developing testable hypotheses and theoretical perspectives that build on the current knowledge base.

MGT 847

Seminar in International Marketing

This seminar introduces students to the fundamentals of marketing in a global environment. It addresses the problems encountered by all organizations; small and large, for profit and non-profit; as they operate in an international environment. The full range of marketing activities is covered: marketing research, product policy, branding, pricing, distribution, advertising and promotion, customer service, planning, organization, and control. While internationally oriented in nature, the aim of the course is also to build a significant understanding of classic marketing management principles. Non-traditional aspects of international marketing (e.g., nation or branding) will also be considered for a variety of constituencies.

MGT 848

Advanced Topics in Marketing

This course offers comprehensive coverage of both fundamental and emerging issues in the fields of marketing that continues to capture marketers' time and attention. The first three modules of the course (market orientation; customer orientation; learning orientation) follow a classic marketing paradigm centered on best marketing practices and superior organization performance. Issues will be examined with respect to various contexts (e.g., for-profit vs. non-profit; organizational vs. individual behavior).



MGT 849

Marketing Research and Analysis

This course adopts a comprehensive hands-on approach to designing and conducting research. From classic opinion research to social media analytics, a wide range of contexts, problem areas, and methods are covered that are relevant across disciplines and fields of study. Students will be exposed to various stages of research process from recognizing the need for research and defining the problem to analyzing data and interpreting results. Proper design of research methods, fieldwork, questionnaires, and surveys (e.g., online surveys) are covered. Both qualitative (e.g., focus groups, projective techniques) and quantitative approaches (e.g., cluster, discriminant, and factor analysis) are presented. Various analytical techniques are introduced "hands on" via a series of computer exercises and cases (using SPSS and others soft wares).

MGT 850

Seminar in International Advertising

The International Advertising course is designed to introduce students to the opportunities and challenges involved in developing strategies and for implementing communication plans for international markets. The course examines the topic of international advertising from a "inside out" perspective, beginning with an exploration of marketers' opportunities among consumers and before expanding the scope of discussion to international and global markets. The course attempts to provide balance between the practical and theoretical concepts advertisers must consider if they are to effectively operate in the global marketplace.

MGT 851

Behavioral Research in Marketing

Ph.D. Marketing students take a series of courses, including research methods, marketing theory, consumer behavior, judgment and decision making, experimental design and others drawn from non-business areas such as economics, psychology, statistics and sociology. Other aspects of the program are tailored to fit the student's own research, teaching and professional interests. In the marketing seminars, faculty members normally participate in sessions related to their areas of expertise and research interests. Students consider recent scholarly work in the field, develop research approaches, increase their understanding of conceptualizations and models, and develop the ability to solve managerial problems in marketing. The seminars are sequenced so that in one seminar a student will be with seniors those who have entered the program earlier, and in a second seminar, with juniors those who enter the program later. The objective of this course is to introduce students to the concepts, analyses, and activities that comprise marketing management, and to provide practice in assessing and solving marketing problems. The course is also a foundation for advanced electives in Marketing as well as other business/social disciplines. Topics include marketing strategy, customer behavior, segmentation, market research, product management, pricing, promotion, force management and competitive analysis.



MGT 852

Production and Operations Management

This course covers the translation of product and service requirements into facilities, procedures, and operating organizations. It includes product design, production alternatives, facilities location and layout, resource requirements planning, quality control, and project management. Using live case analyses, It intends to develop an understanding of the strategic importance of manufacturing supply chains and how operations can provide a competitive advantage in the marketplace and to recognize the relationship between manufacturing and related service providers and other business functions, such as human resources, purchasing, marketing, finance, etc. It emphasizes the importance of change, facilitation of learning, cross-functional teamwork, knowledge capture, and analysis in manufacturing organizations, develop knowledge of the issues related to designing and managing manufacturing operations so that prosperity in today's job market is achieved. It also develops knowledge of the information technology tools necessary for manufacturing an integrated supply chain.

MGT 828

(FIN) Financial Econometrics

As an advanced course for MPhil and PhD students this course aims at improving and augmenting the understanding of knowledge of basic level algebra, statistics, especially statistical inference and econometrics. It helps to train graduate students in conducting independent research based on quantitative methods used in empirical research in the area of finance. Econometrics literally means "economic measurement", econometrics makes it easier for economists to test the well established theoretical relationships. This course helps students to learn and test theoretical relationships and apply the basic techniques of financial econometrics to real data. It also helps to critically assess empirical findings reported in the financial literature as well as to carry out their own empirical research.

MGT 870

Behavioural Finance and Decision Making

Behavioural Finance is the application of psychology to financial behaviour. This course enables students to explore various behavioural frames, biases and heuristics and examine their implications on the aggregate market, individual investors, cross section of average returns and corporate decision makings in a world of limited arbitrage.



AREAS OF RESEARCH IN PhD PROGRAM

The Faculty of Management Sciences Bahria University manages a broad variety of research topics to the changing world of business and management. These include Corporate Governance; Leadership and Work Values;; Financial Market-based Research; Consumer Market based Research; Internationalization, Organizational Change and Development; Technology Management in Private/Public Sector, Implementation of Quality Management in Service Organizations, Business Operation Management, Human Resource Management and Industrial Relations & Globalization and International Business and Human Resource Management, Managing People at Work, Small Business Management, Service Sector Management.

Examples of Research Thesis Topics

"An Empirical Investigation of Diffusion of Internet Shopping Among Pakistani Consumers"; "Commitment to a Shared Vision in Local Organizations: Leadership Priorities"; "An Investigation of Relationship Between Efficiency, Service Quality and Financial Performance in Pakistani Institutions"; "Challenging the Credit Scoring Paradigm"; Aligning IT to Corporate Objectives: Organizational Factors in Use"; "Creating Innovation with Knowledge Management"; Commercial Credit Decision-Making in Pakistan Banks"; and "An Investigation of the Determinants of Repurchase in a High Involvement Category".

Progress and Assessment of PhD Thesis

The candidates in PhD program will not proceed to the thesis writing until all the coursework requirements have been completed with the required CGPA and clearance of comprehensive examination within six months according to the HEC and Bahria University rules. The first stage in the thesis is the preparation and defense of research proposal within six months after passing comprehensive examination which should typically include the following:

- Introduction and background of the study
- Research problem and objective
- Literature review
- Theoretical framework and research hypothesis
- Proposed methodology and justification

The defense of the proposal will be held in the presence of the supervisory panel as well as the academic members of the Department of Management Sciences.

In PhD thesis enrolment, after every six months a formal progress review will be held between the student and the principal supervisor. After four formal reviews candidate will be able to present and submit the final thesis.

The thesis will be examined by the examiners as indicated in the Doctor of Philosophy rules of Bahria University. The dissertation will be assessed by two external examiners from well reputed foreign universities and after foreign evaluation two examiners (internal and External) from any public sector university and Bahria University.



International and Industry Link

Bahria University has developed close relationships for mutual benefits with well reputed foreign universities and industry located around capital region. These links include establishing review panels for Department of Management Sciences courses to ensure their practical relevance, and to meet the needs of local industry and other stockholders.

Faculty Profile

Department of Management sciences prides itself in having access to a wide range of highly qualified faculty that is well versed to the unique needs of Doctoral students. Apart from having valuable industry links through collaborative research and consulting, the faculty has gained intensive international perspective from overseas qualification. To facilitate the dissertation undertaking, students will be allocated a principal supervisor, and one or more associate supervisor with expertise in the nominated discipline. The Primary supervisor will be an academician of Department of Management Sciences who has been approved for supervision by the Bahria University Higher Education Research Committee (HERC).

Admission and Registration Procedure

The application on the prescribed form, supported with relevant documents mentioned in the application form, shall be submitted to the Admission Office of the Campus/Constituent Unit. Applications received shall be scrutinized for eligibility by an Admission Committee of the Departments. The HOD shall chair the Admission Committee which shall be constituted by the Head of the Constituent Unit / Dean. The Admission Committee shall comprise at least three senior faculty members holding a degree not lower than that of the programme applied for.

The Admission Committee shall interview the applicants to assess their suitability for the programme applied for. Any selection procedure, including test, may be devised to assess the suitability of the Candidates. The Admission Committee shall recommend suitable Candidates to the Director Admission Bahria University for admission to PhD Programme.

The Admission Office shall send offer letter to successful Candidates. The selected Candidates shall be required to register on or before the date given in the offer letter; the failure to do so shall result in the cancellation of admission.

Eligibility

PhD Programmes: MS / M.Phil degree or equivalent with eighteen (18) years of education in a subject relevant to field of Study.

A minimum CGPA of 3.0 out of 4.0 in the semester system or 60% marks in the annual system.

Following document shall accompany the application:

A statement of Purpose and a Research Proposal in the area of interest for PhD programmes.

NTS / GRE / Equivalent Score Card / BU Entry Test.



Programme of Study

PhD Programmes shall consist of two parts - Coursework and Research work with credits as tabulated below:

PhD Programmes

	(Credit Hours)
Coursework:	Eighteen (18)
Thesis:	Thirty Six (36)

The HERC may, in the recommendations of the Department, approve / ratify exemption of any PhD level course(s) already taken by a Candidate provided that:

The Candidate has obtained a minimum CGPA of 3.0 on the scale of 4.0, or 60% marks, in the exempted course(s).



FACULTY TO SUPERVISE PhD PROGRAM DEPARTMENT OF MANAGEMENT SCIENCES ISLAMBAD/KARACHI CAMPUSES

We fully understand that this is a specialized area of expertise. We have therefore engaged highly experienced and well renowned faculty members with extensive experience in these subjects. The majority is likely to be composed of professionals already engaged in active business management so that participants may learn directly from their experiences.

For details of all the parts, please feel free to set an appointment with our Faculty, who will be happy to explain the entire sub topics in details.

S No	Name	Designation
1	Dr. Muhammad Ali Saeed	Senior Assistant Professor (HOD MS)
2	Dr. M Ismaeel Ramay	Senior Professor
3	Dr. H. Mushtaq Ahmad	Professor
4	Dr. Faisal Aftab	Senior Associate Professor
5	Dr. Muhammad Hanif	Senior Associate Professor
6	Dr. Bakhtiar Ali	Senior Associate Professor
7	Dr. Muhammad Arif Khattak	Associate Professor
8	Dr. Taqadus Bashir	Associate Professor
9	Dr. Riaz Ahmed	Senior Assistant Professor
10	Dr. Muhammad Sarwar Zahid	Senior Assistant Professor
11	Dr. Asif Khurshid	Senior Assistant Professor
12	Dr. Abdul Sattar	Assistant Professor
13	Dr. Samreen Fahim Baber	Assistant Professor
14	Dr. Qazi Abdul Subhan	Assistant Professor
15	Dr. Farrukh Jaleel	Assistant Professor

KARACHI CAMPUS		
1	Dr. Farooq-e-Azam Cheema	Senior Professor (Dean MS & SS)
2	Dr. Mustaghis ur Rehman	Senior Professor (HOD MS)
3	Dr. Khalid Hussain Shaikh	Senior Professor
4	Dr. Bashir Ahmed	Senior Associate Professor
5	Dr. Rafique A Khan	Associate Professor
6	Dr. Amir Manzoor	Senior Lecturer





Discovering Knowledge

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