



# The MIIM VIRTUAL UNIVERSITY Islamabad

Study Center # CTISB-007



## GRAUDATE PROGRAMS

Sr. No.	Programs	Pages
1	<b>MCS</b>	2 to 4
2	<b>MPA</b>	5 to 7
3	<b>MA English</b>	8 to 10
4	<b>Msc Math</b>	11 to 14
5	<b>MBA (Executive)</b>	15 to 22
6	<b>MBA (1.5 Year)</b>	23 to 26
7	<b>MS (Project Management)</b>	27 to 28
8	<b>MS (Banking &amp; Finance)</b>	29 to 30



### CONTACT ADDRESS

**The MIIM Islamabad (Pakistan)**

Plot # 1-S, St 94, Main Double Road  
Markaz, G-11/3 Islamabad (Pakistan)  
UAN: 051-111-66-77-00, 051-9239984-85  
Fax: 051-2229315

Website: [www.miim.edu.pk](http://www.miim.edu.pk)

E.mail: [info@miim.edu.pk](mailto:info@miim.edu.pk)

## MCS

<b>Program Name</b>	MCS
<b>Eligibility</b>	Bachelors or any other equivalent and relevant degree with minimum 50% marks from an accredited institute. NTS as per CIIT policy.
<b>Session</b>	Fall and Spring
<b>Semesters</b>	4
<b>Number of years</b>	2 years
<b>Credit hours</b>	73

Master of computer science is designed for students who wish to improve their knowledge of recent developments in information technology and to deepen their understanding in computer science. It is a two years program consisting of four semesters. the degree is awarded on completion of a minimum of 73 credit hours, including six credits for the project, with a minimum passing cGpA of 2.0/4.0

### Structure

#### Semester 1

Course Code	Course Title	Credit Hours
CSC101	Introduction to Computing	3(3, 0)
CSC141	Introduction to Computer Programming	4(3, 1)
CSC271	Database Systems	4(3, 1)
CSC102	Discrete Structures	3(3, 0)
HUM102	Report Writing Skills	3(3, 0)

#### Semester 2

Course Code	Course Title	Credit Hours
CSC241	Object Oriented Programming	4(1, 0)
CSC291	Software Engineering I	3(3, 0)
CSC221	Computer Organization and Assembly Language	4(3, 1)
CSC312	Automata Theory	3(3, 0)
CSC211	Data Structures	4(3, 1)

## Semester 3

Course Code	Course Title	Credit Hours
CSC447	Enterprise Systems Development	3(3, 0)
CSC322	Operating Systems Concepts	3(3, 0)
EEE440	Computer Architecture	3(3, 0)
CSC339	Computer Communication and Networks	4(3, 1)
CSC392	Software Engineering II	3(3, 0)
****	*(Elective I)	3(3, 0)

## Semester 4

Course Code	Course Title	Credit Hours
CSC462	Artificial Intelligence	3(2, 1)
CSC441	Compiler Construction	4(3, 1)
****	*(Elective II)	3(3, 0)
****	*(Elective III)	3(3, 0)
CSC499	Project	6(0, 6)

## MCS Electives

Course Code	Course Title	Credit Hours
CSC496	Business Process Reengineering	3(3, 0)
CSC332	Network Security	3(3, 0)
CSC442	Principles of Programming Languages	3(3, 0)
CSC443	Scripting Languages	3(3, 0)
CSC451	Multimedia and Hypermedia Systems	3(3, 0)
CSC452	Virtual Reality	3(3, 0)
CSC253	Computer Graphics	3(2, 1)
CSC454	Computer Animations	3(3, 0)
CSC455	Computer Vision	3(3, 0)
CSC482	Computer Law	3(3, 0)

CSC494	Software Project Management	3(3, 0)
CSC495	Enterprise Resource Planning	3(3, 0)
CSC471	Distributed Database Systems	3(3, 0)
CSC412	Cryptography	3(3, 0)
CSC344	Wireless and Mobile Computing	3(3, 0)
CSC461	Neural Networks	3(3, 0)
CSC444	Visual Programming	3(3, 0)
CSC445	Modern Programming Languages	3(3, 0)
CSC446	Advanced Object Oriented Programming	3(3, 0)
CSC421	Systems Programming	3(3, 0)
CSC456	Human Computer Interaction	3(3, 0)
CSC343	Network Design and Implementation	3(3, 0)
CSC373	Management Information Systems	3(2, 1)
CSC423	Foundations of 3D Modeling	3(3, 0)
CSC424	Advanced Principles of 3D Modeling	3(3, 0)
CSC425	Broadband Multimedia	3(3, 0)

**Note:**

The above semester plan is for guidance only; a campus may offer courses according to their needs/resources, keeping in view the pre-requisite requirements.

## Master in Public Administration

<b>Program Name</b>	MPA
<b>Eligibility</b>	Bachelor degree (14 years) or equivalent with minimum 50% marks from an accredited institution. NTS as per CIIT policy.
<b>Session</b>	Fall and Spring
<b>Semesters</b>	4
<b>Number of years</b>	2 years
<b>Credit hours</b>	69

Public sector is the largest area of national development. Development needs of this sector require educated and qualified citizens to contribute to the growth and well being of national activities. Public Administration not only addresses the governance issues in the day to day management of various ministries, departments and related organizations, but also plays a major role in running various nonprofit organizations. More than Rs. 200 billion is allocated for formulating and implementing projects in all areas of national development, the efficient handling of which demands a competent professional force.

Objectives of the department of the management sciences to provide management expertise in all areas of nation building activity has so far been partially fulfilled through degree programs in Business administration. Introduction of Public Administration will fill the void for proving management expertise in the public sector and non-profit organizations.

### Structure

#### Semester 1

Course Code	Course Title	Credit Hours
MGT430	Financial Accounting and Reporting	3(3, 0)
MTH367	Business Mathematics	3(3, 0)
MGT410	Marketing Theory and Practice	3(3, 0)
ECO400	Business Economics	3(3, 0)
MGT400	Management Theory and Practice	3(3, 0)
CSC401	Computing for Management	3(2, 1)



## Semester 2

Course Code	Course Title	Credit Hours
HUM400	Business Communication	3(3, 0)
MGT450	HRM Policies and Practices	3(3, 0)
MPA406	Fundamentals of Public Administration	3(3, 0)
MGT402	Research Methodology	3(3, 0)
MGT401	Corporate Governance	3(3, 0)
MPA407	Local Governance and Service Delivery	3(3, 0)

## Semester 3

Course Code	Course Title	Credit Hours
MPA401	Public Administration in Pakistan	3(3, 0)
MPA402	Constitutional and Administrative Law	3(3, 0)
MPA403	Development Planning and Administration	3(3, 0)
XXXXXX	Elective I	3(3, 0)
XXXXXX	Elective II	3(3, 0)

## Semester 4

Course Code	Course Title	Credit Hours
MPA404	Public Policy Analysis	3(3, 0)
MPA405	Public Finance	3(3, 0)
MGT461	Project Management	3(3, 0)
XXXXXX	Elective III	3(3, 0)
XXXXXX	Elective IV	3(3, 0)
MPA500	Internship	3(3, 0)



## Elective Courses

Course Code	Course Title	Credit Hours
MPA501	Marketing for Non Profit Organizations	3(3, 0)
MPA503	Comparative Public Administration	3(3, 0)
MPA504	Local Government in Pakistan	3(3, 0)
MPA505	Decision Making in Non-Profit Sector	3(3, 0)
MPA506	Operations Research	3(3, 0)
MPA507	International Development Institutions	3(3, 0)
MPA508	Seminar in Public Management	3(3, 0)
MPA509	Issues in Public Administration	3(3, 0)
MPA510	Graph Theory	3(3, 0)
MPA511	Development Economics	3(3, 0)
MPA512	Energy Management	3(3, 0)
MPA513	Government Auditing	3(3, 0)
MPA514	Natural Resource Planning and Management	3(3, 0)
MPA515	Public Personnel Management	3(3, 0)
MPA516	Public Financial Management	3(3, 0)
MPA502	Organizational Theory and Behavior	3(3, 0)
MPA517	Regulatory Administrative Institutions	3(3, 0)

### Note:

The above semester plan is for guidance only; a campus may offer courses according to their needs/resources, keeping in view the pre-requisite requirements.

For more details and updates, please visit CIIT Course Catalogue Portal

## Master of Arts in English

<b>Program Name</b>	MA (English)
<b>Eligibility</b>	Bachelors degree (14years) from an accredited university with English compulsory and having secured 50% marks. NTS as per CIIT policy.
<b>Session</b>	Fall and Spring
<b>Semesters</b>	4
<b>Number of years</b>	2 years
<b>Credit hours</b>	69

This program is designed specifically for the students who want to attain a master's level knowledge of english language and literature and to improve their english language skills and the ability to study and evaluate literature. The course covers the historical development of english, its various genres, through the ages. The combination of language and literature enables students to see the integration of linguistic features and devices in literary texts. Moreover, it initiates learners into the theoretical grounding of literature and offers study of literary texts in their social and historical contexts, and ways of interpreting them, theories of learning and teaching language and modern concepts of linguistics. The program encourages students to study a wide range of texts, both past and contemporary, and consider the variety of theoretical and critical approaches of language and literature available at the beginning of the twenty-first century. Through directed reading and focused discussion, students would be offered the opportunity to develop their skills in textual analysis and to extend their awareness of different ways of reading and creative writing.

The prime objective of the M.A. in English program is to enable students to read widely and critically a variety of english literary texts in their social, political and historical contexts.

The course also focuses on reviewing and rethinking knowledge and assumptions about literature and literary meaning along with acquiring knowledge of linguistic, literary, critical and cultural theories, and to deploy these ideas in critical analysis. Since students entering this program need to have a firm base of English communication skills, the first semester offers a foundational module of the language skills for them.

Another objective of the program is to familiarize students with modern linguistic and grammatical theories in accordance with the approaches to english language teaching. By offering the Business english module, along with the two tefl modules the course aims to equip the entrants with the prerequisites of teaching english according to the current market demand.



The program is designed to develop the ability to initiate and carry out research at graduate level, leading to the production of a research project.

## Structure

### Semester 1

Course Code	Course Title	Credit Hours
ENG401	Study Skills	3(3, 0)
ENG402	History of English Literature	3(3, 0)
ENG403	Poetry – I	3(3, 0)
ENG404	History of English Language	3(3, 0)
ENG405	Drama – I	3(3, 0)
ENG406	Essay Writing and Presentation	3(3, 0)

### Semester 2

Course Code	Course Title	Credit Hours
ENG451	Drama – II	3(3, 0)
ENG452	Novel – I	3(3, 0)
ENG453	Poetry – II	3(3, 0)
ENG454	Criticism	3(3, 0)
ENG455	Linguistics – I	3(3, 0)
ENG456	Prose –I	3(3, 0)

### Semester 3

Course Code	Course Title	Credit Hours
ENG501	Novel – II	3(3, 0)
ENG502	TEFL - I (Teaching English as a Foreign Language)	3(3, 0)
ENG503	Prose –II	3(3, 0)
ENG504	Linguistics – II	3(3, 0)
ENG505	Research in Linguistics/Literature	3(3, 0)

## Semester 4

Course Code	Course Title	Credit Hours
ENG551	Stylistics	3(3, 0)
ENG552	American Literature	3(3, 0)
ENG553	Sociolinguistics and Psycholinguistics	3(3, 0)
ENG554	Business English	3(3, 0)
ENG555	TEFL – II (Teaching English as a Foreign Language)	3(3, 0)
ENG599	Research Project	3(3, 0)

### Note:

The above semester plan is for guidance only; a campus may offer courses according to their needs/resources, keeping in view the pre-requisite requirements.

For more details and updates, please visit CIIT Course Catalogue Portal

## Master of Mathematics

<b>Program Name</b>	MSc (Math)
<b>Eligibility</b>	B.A/B.Sc with Mathematics as major subject having minimum of 50% marks from an accredited educational institution without any third division (annual system) or D grade (semester system) in academic career. NTS as per CIIT policy.
<b>Session</b>	Fall and Spring
<b>Semesters</b>	4
<b>Number of years</b>	2 years
<b>Credit hours</b>	66

An M.Sc degree in Mathematics will prepare students with suitable qualifications for jobs in the department of Mathematics, Statistics, Actuarial Sciences, Mathematical Modeling and Cryptography; for teaching as well as for research studies leading to Ms and further to PhD.

### Relevance of program

Mathematics is one of the most mature and well-developed disciplines of basic sciences. The study of Mathematics is not only exciting, but also important. Mathematicians have an opportunity to make a lasting contribution to society by helping to solve problems in diverse fields such as Medicine, Management, Economics, Governance, Computer Sciences, Physics, Psychology, Engineering and Social Sciences. Thus, it is a subject that can never lose its academic utility or professional value. Rapid technological advances demand professionals who can lead in emerging disciplines. The need for improved development in the high-end technology areas including the industrial research and development work can hardly be over-emphasized. one of the main factors associated with this is the use of IT based techniques in teaching and research of Mathematics and Physics; and the department of Mathematics takes responsibility to cope with these challenges.

Mathematics has such a wide variety of important applications which creates continuously increasing demand for well-trained Mathematicians in many fields. Mathematics has relevance to fields of Aerospace, Oil exploration, Electronics, Weather prediction, management positions, teaching and research, Accounting and Financial analysis and Defence related disciplines.

Our Bs and M.sc degree in Mathematics envisages preparing students with suitable qualifications for related jobs for teaching, research and managerial positions.

## Structure

### Semester 1

Course Code	Course Title	Credit Hours
MTH251	Set Topology	3(3, 0)
MTH324	Complex Analysis	3(3, 0)
MTH343	Partial Differential Equations	3(3, 0)
MTH382	Analytical Dynamics	3(3, 0)
MTH250	Calculus	3(3, 0)

### Semester 2

Course Code	Course Title	Credit Hours
MTH321	Real Analysis I	3(3, 0)
MTH352	Differential Geometry	3(3, 0)
MTH376	Algebra	3(3, 0)
MTH327	Functional Analysis	3(3, 0)
MTH375	Numerical Computations	3(3, 0)

### Semester 3

Course Code	Course Title	Credit Hours
MTH486	Fluid Mechanics	3(3, 0)
MTH483	Mathematical Methods of Physics	3(3, 0)
MTH462	Advanced Numerical Analysis	3(3, 0)
STA365	Mathematical Statistics	3(3, 0)
MTHXXX	Elective Course	3(3, 0)

## Semester 4

Course Code	Course Title	Credit Hours
MTHXXX	Elective Course	3(3, 0)
MTHXXX	Elective Course	3(3, 0)
MTHXXX	Elective Course	3(3, 0)
MTHXXX	Elective Course	3(3, 0)
MTHXXX	Elective Course	3(3, 0)

## Elective Courses

Course Code	Course Title	Credit Hours
MTH414	Galoise Theory	3(3, 0)
MTH415	Rings and Modules	3(3, 0)
MTH423	Advanced Complex Analysis	3(3, 0)
MTH424	Convex Analysis	3(3, 0)
MTH425	An Introduction to Geometric Function Theory	3(3, 0)
MTH426	Introduction to Measure Theory	3(3, 0)
MTH427	Introduction To Hilbert Spaces	3(3, 0)
MTH435	Analytical Number Theory	3(3, 0)
MTH442	Graph Theory	3(3, 0)
MTH462	Advanced Numerical Analysis	3(3, 0)
MTH463	Numerical Solutions of Differential Equations	3(3, 0)
MTH464	Numerical Optimization	3(3, 0)
MTH465	Topics in Scientific Computing	3(3, 0)
MTH466	Approximation Theory	3(3, 0)
MTH467	Operations Research	3(3, 0)
MTH468	Non linear Optimization	3(3, 0)
MTH470	Mathematical Statistics II	3(3, 0)
MTH471	Integral Equations	3(3, 0)
MTH472	Riemannian Geometry	3(3, 0)
MTH473	Continuous Groups	3(3, 0)
MTH474	Theory of Manifolds	3(3, 0)

MTH475	Introduction to Combinatorics	3(3, 0)
MTH476	Algebraic Systems and Coding Theory	3(3, 0)
MTH477	Algebraic Topology	3(3, 0)
MTH478	Special Relativity	3(3, 0)
MTH479	General Relativity	3(3, 0)
MTH480	Introductory Quantum Mechanics	3(3, 0)
MTH481	Advanced Functional Analysis	3(3, 0)
MTH484	Variational Inequalities	3(3, 0)
MTH485	Calculus of Variation	3(3, 0)
MTH486	Fluid Mechanics	3(3, 0)
MTH487	Continuum Mechanics	3(3, 0)
MTH488	Elasticity	3(3, 0)
MTH489	Control Theory	3(3, 0)
MTH491	Micro Economic (Financial Mathematics)	3(3, 0)
MTH493	Elements of Electromagnetic Theory	3(3, 0)
MTH494	Sampling and Design Analysis	3(3, 0)
MTH495	Topics in Pure Mathematics	3(3, 0)
MTH496	Topics in Applied Mathematics	3(3, 0)
MTH497	Topics in Numerical Mathematics	3(3, 0)
MTH498	Topics in Statistics	3(3, 0)

**Note:**

The above semester plan is for guidance only; a campus may offer courses according to their needs/resources, keeping in view the pre-requisite requirements.

For more details and updates, please visit CIIT Course Catalogue Portal

## Master of Business Administration (Executive)

<b>Program Name</b>	MBA (Executive)
<b>Eligibility</b>	Fourteen years of education in relevant field with 4 years of working experience having minimum 2.0/ 4.0 CGPA or 50% marks (annual system) from an accredited educational institution. NTS as per CIIT policy
<b>Session</b>	Fall and Spring
<b>Semesters</b>	4
<b>Number of years</b>	2 years
<b>Credit hours</b>	66

CIIT's Masters in Business Administration curriculum has been designed to develop the in-depth understanding of all business functions. The curriculum is based on technical, data-driven, quantitative skills to make objective decisions with the interpersonal and communication skills necessary to work effectively with people at all levels and from all cultures.

Program will meet the increasing demand for advanced business education which will not only combine text book learning with case study methodology but will expose students to an environment which will facilitate development of their conceptual skills as well as personal growth.

## Structure

### Semester 1

Course Code	Course Name	Credit Hours	Prerequisite
ECO400	Business Economics	3(3,0)	
HUM400	Business Communication	3(3,0)	
MGT410	Marketing Theory and Practice	3(3,0)	
MGT430	Financial Accounting and Reporting	3(3,0)	
MGT491	Quantitative Analysis and Research for Management	3(3,0)	
MGT492	Managing People and Organizations	3(3,0)	

## Semester 2

Course Code	Course Name	Credit Hours	Prerequisite
MGT401	Corporate Governance	3(3,0)	MGT492
MGT403	Entrepreneurship	3(3,0)	MGT492
MGT431	Managerial Accounting	3(3,0)	MGT430
MGT432	Financial Management and Policy	3(3,0)	MGT430
MGT460	Operations Management	3(3,0)	MGT492, MGT491

## Semester 3

Course Code	Course Name	Credit Hours	Prerequisite
MGT 599	Business policy and Strategy	3(3,0)	MGT432
XXXX	Experiential I	3(3,0)	
XXXX	Experiential II	3(3,0)	
XXXX	Specialization Elective I	3(3,0)	
XXXX	Specialization Elective II	3(3,0)	
XXXX	Specialization Elective III	3(3,0)	

## Semester 4

Course Code	Course Name	Credit Hours	Prerequisite
MGT499	MBA Project	3(3,0)	
XXXX	Experiential III	3(3,0)	
XXXX	Experiential IV	3(3,0)	
XXXX	Experiential V	3(3,0)	
XXXX	Specialization Elective IV	3(3,0)	



## Experiential Learning Courses

Course Code	Course Name	Credit Hours	Prerequisite
MGT493	Work Based Learning Project	3(3,0)	
MGT494	Self-Study Project	3(3,0)	
MGT495	Transferable Skills Development	3(3,0)	
MGT528	Business Case Studies-Self Study	3(3,0)	
MGT529	Consultancy Project	3(3,0)	

## Taught Specialization Electives\*

Course Code	Course Name	Credit Hours	Prerequisite
***	Specialization Elective I	3(3,0)	
***	Specialization Elective II	3(3,0)	
***	Specialization Elective III	3(3,0)	
***	Specialization Elective IV	3(3,0)	

## Specialization Elective Courses

### Marketing Specialization

Course Code	Course Name	Credit Hours	Prerequisite
MGT510	Consumer Behavior	3(3,0)	MGT310
MGT511	International Marketing	3(3,0)	MGT310
MGT512	Cyber Marketing	3(3,0)	MGT310
MGT513	New Product Development	3(3,0)	MGT310
MGT514	Integrated Marketing Communication	3(3,0)	MGT310
MGT515	Brand Management	3(3,0)	MGT310
MGT516	Service Marketing	3(3,0)	MGT310
MGT517	Industrial Marketing	3(3,0)	MGT310
MGT518	Marketing Research	3(3,0)	MGT310
MGT519	Strategic Marketing	3(3,0)	MGT310

MGT520	Advertising And Event Management	3(3,0)	MGT310
MGT521	Sales Force Management	3(3,0)	MGT310
MGT522	Marketing of IT and Telecom Product	3(3,0)	MGT310
MGT523	Customer Relation Management	3(3,0)	MGT310
MGT524	Agriculture Marketing	3(3,0)	MGT310
MGT525	Seminar in Marketing	3(3,0)	MGT310

## Finance Specialization

Course Code	Course Name	Credit Hours	Prerequisite
MGT526	Marketing Finance Services	3(3,0)	MGT310,MGT350
MGT530	International Finance	3(3,0)	MGT330
MGT531	Investment And Portfolio Management	3(3,0)	MGT330
MGT532	Advance Financial Management	3(3,0)	MGT330
MGT533	International Financial Institutions	3(3,0)	MGT330
MGT534	Credit Management	3(3,0)	MGT330
MGT535	Corporate Finance	3(3,0)	MGT330
MGT536	Commercial Banking	3(3,0)	MGT330
MGT537	Financial Statement Analysis	3(3,0)	MGT330
MGT538	Business Taxation	3(3,0)	MGT330
MGT539	Islamic Finance	3(3,0)	MGT330
MGT540	Seminar in Finance	3(3,0)	MGT330
MGT541	Real Estate Finance	3(3,0)	MGT330

## Human Resource Management Specialization

Course Code	Course Name	Credit Hours	Prerequisite
MGT549	Leadership And Team management	3(3,0)	MGT 350
MGT550	Crisis And Conflict Management	3(3,0)	MGT330
MGT551	Human Resource Development	3(3,0)	MGT330
MGT552	Compensation Management	3(3,0)	MGT330
MGT553	Human resource Information Management	3(3,0)	MGT330

MGT554	Organizational Development And Change Management	3(3,0)	MGT330
MGT555	Performance And Career Management	3(3,0)	MGT330
MGT556	International Human Resource Management	3(3,0)	MGT330
MGT557	Strategic Human Resource Management	3(3,0)	MGT330
MGT558	Employee Relation Management	3(3,0)	MGT330
MGT559	Seminar In Human Resource Management	3(3,0)	MGT330

## Operations Management Specialization

Course Code	Course Name	Credit Hours	Prerequisite
MGT560	Applied Quantitative Analysis And Practices	3(3,0)	MGT400, MTH469
MGT561	Supply Chain Management	3(3,0)	MGT460
MGT562	Service Operations Management	3(3,0)	MGT460
MGT563	Operations Strategies	3(3,0)	MGT460
MGT564	Applied Project Management	3(3,0)	MGT460, MTH469
MGT565	Managing Information And Product Development	3(3,0)	MGT460, MTH469
MGT566	Inventory Management	3(3,0)	MGT460
MGT567	Total Quality Management	3(3,0)	MGT460, MTH469

## Banking Specialization

Course Code	Course Name	Credit Hours	Prerequisite
MGT542	Islamic Economics	3(3,0)	
MGT544	Islamic Financial Instruments and Institutions	3(3,0)	
MGT545	Islamic Insurance (Takaful)	3(3,0)	
MGT546	Establishment And Operations Of	3(3,0)	

	Islamic Banking		
MGT570	Investment Analysis And Portfolio Management	3(3,0)	MGT432
MGT571	Emerging Financial Markets	3(3,0)	MGT432
MGT572	Islamic Banking	3(3,0)	MGT432
MGT573	Bank Management	3(3,0)	MGT432
MGT574	Financial And Bank Legislation	3(3,0)	MGT432
MGT576	Consumer Banking	3(3,0)	MGT432
MGT577	Money And Financial Policies	3(3,0)	MGT432
MGT578	Financial Institution Management	3(3,0)	MGT432

## International Business Specialization

Course Code	Course Name	Credit Hours	Prerequisite
MGT580	Advance International Business	3(3,0)	MGT480
MGT581	Globalization And Corporate Strategy	3(3,0)	MGT580
MGT582	International Financial Management	3(3,0)	MGT580
MGT583	Cross Cultural Management	3(3,0)	MGT580
MGT584	International Trade Law	3(3,0)	MGT580
MGT585	The Emerging Economies	3(3,0)	MGT580
MGT586	Managing E-Business in a Global Economy	3(3,0)	MGT580
MGT587	International Operation And Procurement	3(3,0)	MGT580

## Hospitality and Tourism Management Specialization

Course Code	Course Name	Credit Hours	Prerequisite
MGT490	Hospitality And Tourism Management	3(3,0)	MGT400
MGT590	Hospitality And Tourism, Planning And Development	3(3,0)	MGT400
MGT591	Hotel And Catering Operations Management	3(3,0)	MGT400
MGT592	Management Of Food And Beverage Operations	3(3,0)	MGT400

MGT593	Food And Nutrition Concepts	3(3,0)	MGT400
MGT594	Cross Cultural Etiquette and Protocol	3(3,0)	MGT400
MGT595	Tourism Geography	3(3,0)	MGT400
MGT596	Tourism Economics	3(3,0)	MGT400
MGT597	Tourism Dimensions in Contemporary Society	3(3,0)	MGT400
MGT598	International Practices and Trends In Hospitality Industry	3(3,0)	MGT400

## Agri-business Management Specialization

Course Code	Course Name	Credit Hours	Prerequisite
ABM510	Agribusiness Management	3(3,0)	MGT492,MGT410
ABM511	Farm Management	3(3,0)	MGT492,MGT410
ABM512	Agribusiness Project Appraisal	3(3,0)	MGT492,MGT410
ABM513	Agribusiness Strategic Management	3(3,0)	MGT492,MGT410
ABM514	Managing the Food Systems	3(3,0)	MGT492,MGT410
ABM515	Agribusiness Operations Management	3(3,0)	MGT492,MGT410
ABM516	Financial Decision Making and Agribusiness	3(3,0)	MGT492,MGT410
ABM517	Agricultural Sales and Consulting	3(3,0)	MGT492,MGT410
ABM518	Agricultural Markets & Pricing	3(3,0)	MGT492,MGT410

## Entrepreneurial Management Specialization

Course Code	Course Name	Credit Hours	Prerequisite
EPM510	Building and Sustaining a successful Enterprise	3(3,0)	MGT492,MGT410
EPM511	Entrepreneurial Finance	3(3,0)	MGT492,MGT410
EPM512	Entrepreneurial Marketing	3(3,0)	MGT492,MGT410
EPM513	Evaluating the Entrepreneurial Opportunity	3(3,0)	MGT492,MGT410

EPM514	International Entrepreneurship	3(3,0)	MGT492,MGT410
EPM515	Inventing breakthroughs and Commercializing Science	3(3,0)	MGT492,MGT410
EPM516	Management of the Family Business	3(3,0)	MGT492,MGT410
EPM517	Managing Innovation and Product Development	3(3,0)	MGT492,MGT410
EPM518	Venture Capital and Private Equity	3(3,0)	MGT492,MGT410
EPM519	Entrepreneurial Leadership	3(3,0)	MGT492,MGT410

## Note:

The above semester plan is for guidance only; a campus may offer courses according to their needs/resources, keeping in view the pre-requisite requirements.

For more details and updates, please visit CIIT Course Catalogue Portal

## MBA (1.5 Year)

<b>Program Name</b>	MBA (1.5 years)
<b>Eligibility</b>	A 16-years degree in the relevant field from an accredited educational institution with First Division (annual system) or CGPA 2.5/4.0(semester system). No third division or D-grade throughout career. GAT (General) with 50% marks minimum
<b>Session</b>	Fall and Spring
<b>Semesters</b>	3
<b>Number of years</b>	1.5 years
<b>Credit hours</b>	36

Master of business administration (18 months) program has been specially designed for enhancing the managerial and leadership skills of those business graduates who have already completed their 4 year BBA / BS (BA) program from an accredited university. Thus, the program focuses on practical decision making and policy formulation for establishing and managing the modern day businesses. The CIIT business graduates will perform a leading transformation role through their state-of-the-art entrepreneurial and managerial skills. The program comprises of courses that inculcate critical thinking and practice based understanding of managerial processes.

To meet the increasing demand for advanced business education from qualified applicants, CIIT initiated its “fast track” program in 2007. The program differs from our conventional MBA program in that, it is of one and half year duration and open exclusively to students in possession of a 4 year bachelor degree in business administration. Content-wise, the curriculum includes material more advanced than which students were acquainted with their undergraduate programs and extensive use is made of the case method of teaching. Our program will successfully prepare graduates for meeting the diverse professional challenges in all organizations where the applications of business skill are required. The students may choose any one of the market orientated specialization fields from the eight major areas: Marketing, finance, human resource management, international business, information technology, operations management, banking, and hospitality and tourism management.

### Structure

#### Semester 1

Course Code	Course Title	Credit Hours	Pre-Requisite(s)
ECO682	Advanced Managerial Economics	3(3, 0)	
MGT680	Issues in Accounting Practices	3(3, 0)	
MGT681	Applied Marketing Strategies	3(3, 0)	
MGT683	Quantitative Business Analysis	3(3, 0)	

## Semester 2

Course Code	Course Title	Credit Hours	Pre-Requisite(s)
MGT684	Financial Decision Making	3(3, 0)	MGT680
MGT610	Corporate Social Responsibility	3(3, 0)	
XXXXXX	Elective I	3(3, 0)	
XXXXXX	Elective II	3(3, 0)	

## Semester 3

### Thesis

Course Code	Course Title	Credit Hours	Pre-Requisite(s)
MGT686	Seminar in Public and Business Policies	3(3, 0)	
XXXXXX	Elective III	3(3, 0)	
MGT800	Thesis	6(6, 0)	

## Electives

### Finance Specialization

Course Code	Course Title	Credit Hours
FNC710	Insurance and Risk Management	3(3, 0)
FNC711	Multinational Financial Management	3(3, 0)
FNC712	Financial Markets and Institutions	3(3, 0)
FNC713	Entrepreneurial and Small Business Finance	3(3, 0)
FNC714	Issues and Decision Making in Management Accounting	3(3, 0)
FNC715	Capital Budgeting and Financial Planning	3(3, 0)
FNC716	Financial Derivatives	3(3, 0)
FNC717	Managing Financial Institutions	3(3, 0)
FNC718	Applied Portfolio and Fund Management	3(3, 0)
FNC719	Venture Capital and Private Finance	3(3, 0)
FNC720	Fixed Income Securities	3(3, 0)
FNC721	Islamic Banking and Finance	3(3, 0)
FNC722	Business Taxation Policy and Practice	3(3, 0)
FNC723	Real Estate Financial Management	3(3, 0)



## Human Resource Management Specialization

Course Code	Course Title	Credit Hours
HRM750	Personnel Resourcing	3(3, 0)
HRM751	Workforce Diversity Management	3(3, 0)
HRM753	Comparative Human Resource Management	3(3, 0)
HRM754	Advance Topics in Compensation Management	3(3, 0)
HRM755	Performance Management	3(3, 0)
HRM756	Conflict and Negotiation Management	3(3, 0)
HRM757	Talent Management	3(3, 0)
HRM758	Employee Engagement	3(3, 0)
HRM759	HRM in Public Sector of Pakistan	3(3, 0)
HRM760	Art of Leadership and Motivation	3(3, 0)
HRM761	Decision Making and Job Satisfaction	3(3, 0)
HRM763	HRM in Global Business Environment	3(3, 0)
HRM764	Managing Employee Relations	3(3, 0)
HRM765	Strategy for Human Resource Management	3(3, 0)
MGT711	Advanced Topic in Change Management	3(3, 0)
MGT712	Advances in Human Resource Development and Management	3(3, 0)

## International Business Specialization

Course Code	Course Title	Credit Hours
IBS791	Globalization and Advanced Corporate Strategy	3(3, 0)
IBS792	Advanced Topics in Cross Cultural Management	3(3, 0)
IBS793	Advanced Topics in Emerging Economies	3(3, 0)
IBS794	Global Operation and Procurement	3(3, 0)
IBS795	International Entrepreneurial Strategies	3(3, 0)
IBS796	Global Business Planning	3(3, 0)
IBS797	International Leadership	3(3, 0)

## Logistics and Supply Chain Management Specialization

Course Code	Course Title	Credit Hours
LSM730	Logistics Management	3(3, 0)
LSM731	Global Class Operations	3(3, 0)
LSM732	Purchasing and Buyer Behavior	3(3, 0)
LSM733	Production/Operations Management	3(3, 0)
LSM734	Independent Study	3(3, 0)
LSM735	Operations Planning and Control	3(3, 0)

LSM736	Principles of Inventory and Materials Management	3(3, 0)
LSM738	Special Topics in Supply Chain Management	3(3, 0)
LSM739	Special Topics/Seminar	3(3, 0)
LSM743	Business Logistics	3(3, 0)
LSM744	International Logistics Management	3(3, 0)
LSM745	Strategic Sourcing and Relationship Management	3(3, 0)
LSM748	Interorganizational Behavior	3(3, 0)
LSM749	Seminar in Evolution of Logistics/SCM Research	3(3, 0)
LSM750	Quality Management	3(3, 0)
LSM752	Project Management Practices	3(3, 0)
MGT719	Advances in Supply Chain Management	3(3, 0)

## Marketing Specialization

Course Code	Course Title	Credit Hours
MGT756	Advances in Integrated Marketing Communication	3(3, 0)
MKT765	Managing Products and Brands	3(3, 0)
MKT766	Practices in Marketing Research	3(3, 0)
MKT770	Marketing and Organizational Strategy	3(3, 0)
MKT771	Topics in Consumer Behavior	3(3, 0)
MKT772	Global Marketing	3(3, 0)
MKT773	Relationship Marketing	3(3, 0)
MKT774	Advertising and Public Relations	3(3, 0)
MKT775	Sales Management	3(3, 0)
MKT776	Marketing in Service Sector	3(3, 0)
MKT777	E-Marketing	3(3, 0)
MKT778	Social, Nonprofit and Public Sector Marketing	3(3, 0)
MKT779	Business to Business Marketing	3(3, 0)
MKT780	Seminar in Advertising Policies	3(3, 0)

### Note:

The above semester plan is for guidance only; a campus may offer courses according to their needs/resources, keeping in view the pre-requisite requirements.

For more details and updates, please visit [CIIT Course Catalogue Portal](#)

## Master of Science in Project Management

<b>Program Name</b>	Master of Science in Project Management
<b>Eligibility</b>	Minimum of sixteen years schooling (or equivalent) in a relevant subject: Business Administration, Computer Science, IT, Economics, Engineering, Natural Sciences, Public Administration and Policy, and Development Studies, with 2.5/4 CGPA (or 60% marks in annual system). No third division or D grade throughout the academic career. GAT (General) with 50% marks minimum
<b>Semesters</b>	3-4
<b>Number of years</b>	2 years
<b>Credit hours</b>	30 (Minimum)

### Program Overview

Projects are ubiquitous and have shaped the face of human civilization since antiquity. The 21st century has been dubbed by some as the “century of projects”. As developmental challenges, science and technology and knowledge relentlessly advance, projects – and a profound insight into how to manage them effectively and efficiently - will become all the more relevant with the passage of time. This is especially true for developing countries like Pakistan, where a huge chunk of public-sector resources are spent on projects every year, and the need to properly handle projects given acute and chronic resource constraints is the need of the hour. Projects are the key to Pakistan’s economic and social development. Keeping in mind its mission of imparting quality education in Pakistan, and also because of its obligation as a public-sector university to contribute to the development and prosperity of Pakistan to the maximum extent possible within the framework of its resource limitations, CIIT is launching a 1 ½ year Master of Science Program in Project Management (MSPM).

### Special Futures and Objectives

MSPM will help fill a major void in project management education in Pakistan. It is a well known fact that vast sums of public resources are wasted due to mismanagement of projects, particularly in the social sector. Project failures – as measured with respect to the non-attainment of its goal, and/or cost or schedule overruns – are common in Pakistan. This problem is attributable in part to the lack of basic project management knowledge of the initiators, planners and implementers of projects. Successful project management requires insight into several knowledge areas, for instance, communication management, risk management, cost and time management etc. Yet comparatively few project managers in Pakistan can claim that they have an adequate insight into all these areas. The dearth of project management education opportunities in Pakistan is the principal cause of this problem. The Master of Science in Project Management (MSPM) program being offered by COMSATS Institute of Information Technology, Virtual campus, is designed as a 1 ½ year full-time program which has the main objective of providing students with a comprehensive, in-depth and practical knowledge of this exciting, challenging and increasingly important subject area of management. The first of its kind in Pakistan, the MSPM will help overcome the acute and chronic knowledge deficiency in project management which plagues most private, public and non-governmental organizations operating in Pakistan.

## Semester 1

Course Code	Course Title	Credit Hours
MGT600	Mgmt, Organizational Policy and Practices	3(3, 0)
MGT601	Statistical Inference	3(3, 0)
MGT602	Research Methodology	3(3, 0)

## Semester 2

Course Code	Course Title	Credit Hours
MGT605	Quantitative Techniques	3(3, 0)
XXXXXX	Project Management Elective I	3(3, 0)
XXXXXX	Project Management Elective II	3(3, 0)

## Semester 3

Course Code	Course Title	Credit Hours
XXXXXX	Project Management Elective III	3(3, 0)
XXXXXX	Project Management Elective IV	3(3, 0)

## Semester 4

Course Code	Course Title	Credit Hours
MGT800	Thesis	6(0, 6)

## Elective Courses

Course Code	Course Title	Credit Hours
PRM700	Advanced Project Management	3(3, 0)
PRM701	Project Constraint Management	3(3, 0)
PRM702	Project Quality and Risk Management	3(3, 0)
PRM703	Project Stake Holder Management	3(3, 0)
PRM704	Project Controlling and Monitoring	3(3, 0)
PRM705	Software Project Management Applications	3(3, 0)
PRM706	Development and Management of Complex Projects	3(3, 0)
PRM707	Seminar in Project Management	3(3, 0)

**Note:** New courses will be added as per requirements of the market.

## MS Banking & Finance

Program Name	MS Banking & Finance
Eligibility	Minimum of sixteen years degree in the relevant field from an accredited educational institution with minimum First Division ( annual system)or CGPA 2.5/4.0 (semester system) No third division or D grade throughtout the academic career. GAT (General) with 50% marks minimum
Semesters	3-4
Number of years	2 years
Credit hours	30 (Minimum)

### Program Overview

The primary objective of banking and finance at CIIT virtual campus is to develop knowledgeable and capable executives and workforce to move quickly to key positions in the financial services sector and to demonstrate the skills necessary to tackle problems within the complex world of international finance and banking.

Graduates of banking and finance are one of the most sought after graduates worldwide and their employment opportunities are practically endless. After the successful completion of the degree, the graduate may work for a public or private organization, do consultancy or work in the field of academia.

### Semester 1

Course Code	Course Name	Credit Hours	Pre-Requisite(s)
MGT600	Management, Organizational Policy and Practices	3(3,0)	
MGT601	Statistical Inference	3(3,0)	
MGT602	Research Methodology	3(3,0)	

### Semester 2

Course Code	Course Name	Credit Hours	Pre-Requisite(s)
MGT605	Quantitative Techniques	3(3, 0)	
XXXXXX	Elective I	3(3,0)	
XXXXXX	Elective II	3(3,0)	

## Semester 3

Course Code	Course Title	Credit Hours
XXXXXX	Elective III	3(3, 0)
XXXXXX	Elective IV	3(3, 0)

## Semester 4

Course Code	Course Name	Credit Hours	Pre-Requisite(s)
MBF800	Thesis	6(0,6)	

## List of Elective Courses

Course Code	Course Name	Credit Hours	Pre-Requisite(s)
MBF582	International Financial Management	3(3,0)	
MBF646	Financial Reporting and Analysis	3(3,0)	
MBF701	Financial Econometrics	3(3,0)	
MBF702	Investment Analysis and Portfolio Management	3(3,0)	
MBF703	Retail and investment Banking	3(3,0)	
MBF704	Micro Finance and Micro leasing	3(3,0)	
MBF705	Legal and Regulatory Aspects of Banking Supervision	3(3,0)	
MBF706	Islamic Banking, Theory and Practice	3(3,0)	
MBF707	Monetary and Fiscal Framework in Islamic Finance	3(3,0)	
MBF708	Islamic Insurance, Theory and Practice	3(3,0)	
MBF709	Islamic Financial Instruments	3(3,0)	
MBF731	Advance topics in International Finance	3(3,0)	