

# AIOU

ACADEMIC PROGRAMMES

SPRING & AUTUMN, 2012



**DIRECTORATE OF ACADEMIC PLANNING  
AND  
COURSE PRODUCTION  
ALLAMA IQBAL OPEN UNIVERSITY  
ISLAMABAD**

## **DIRECTORATE OF ACADEMIC PLANNING AND COURSE PRODUCTION**

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# DIRECTORATE OF ACADEMIC PLANNING AND COURSE PRODUCTION

## Preface

For Spring and Autumn semesters 2012, Allama Iqbal Open University has decided to offer One Hundred & Four (104) programmes of studies ranging from Certificate to PhD levels. Besides, the university introduced new groups/clusters at SSC & HSSC levels in 2011. The detail of these programmes and groups is given as under:

Sr. No	Programmes	F/o Arabic & Islamic Studies	F/o Education	F/o Sciences	F/o Social Sciences & Humanities	BUESP	Total
1.	MS/MPhil Based PhD	1	5	2	4	-	12
2.	MPhil/MS/MSc (Hons)	2	5	8	6	-	21
3.	Master Level	2	4	7	12	-	25
4.	PGD	-	1	5	3	-	9
5.	BS Four Years	-	-	3	-	-	3
6.	Bachelor	1	-	1	5	-	7
7.	Teacher Training Programmes { ATTC, PTC CT, BEd, BEd. (Arabic), MEd. } four specializations	2	6	-	-	-	8
8.	HSSC	1	-	2	2	-	5
9.	SSC	1	-	-	1	-	2
10.	Middle	-	-	-	-	1	1
11.	Certificate Programme	1	-	3	2	5	11
		11	21	31	35	6	104

- Note:**
1. The courses of General Group at SSC, HSSC (for continuing students) and Bachelor levels are being offered by the academic departments of four Faculties, however, the General Group has been counted as one programme under Faculty of Social Sciences & Humanities.
  2. The newly introduced groups/clusters six at SSC level and eight at HSSC level are not adding new programmes for AIOU as these groups pertain to already offered courses of the four faculties.

This booklet will hopefully, facilitate all the academic and servicing departments for updating the new programme(s) prospectus(es), admission advertisement and for the preparation of course assignments, print/reprint order of books and workshop schedules for both semesters of 2012. It will also enable the Regional Offices to provide appropriate information and guidance to prospective students.

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Academic Programmes  
of  
AIOU  
An Overview  
of Each Faculty

## A. Faculty of Arabic and Islamic Studies

Sr. No.	Academic Programmes	New Admission	Required Credit	Programmes' Minimum Duration
1.	<b>Course Certificate Programmes</b>			
1.1	Functional/Non Credit Courses	Spring & Autumn, 2012	Non Credit	One Semester
2.	<b>Secondary School Certificate (SSC) Programmes</b>			
2.1	SSC (General Group)	For Continuing Students only	08 Credits	04 Semesters
2.2	SSC Dars-e- Nizami	-do-	08 Credits	04 Semesters
3.	<b>Higher Secondary School Certificate (HSSC) Programmes</b>			
3.1	HSSC (General Group)	For Continuing Students only	08 Credits	04 Semesters
3.2	HSSC (Dears-e-Nizami)	Spring & Autumn, 2012	08 Credits	04 Semesters
4.	<b>Bachelor Programmes</b>			
4.1	BA General Group	Spring & Autumn, 2012	08 Credits	04 Semesters
4.2	BA Dears-e-Nizami Group	Spring & Autumn, 2012	08 Credits	04 Semesters
5.	<b>Teachers Training Programmes</b>			
5.1	B.Ed (Arabic)	Autumn, 2012	06 Credits	03 Semesters
5.2	Arabic Teachers Training Course (ATTC)	Spring, 2012	01 Credit	01 Semester
6.	<b>M.A Programmes</b>			
6.1	Arabic	Autumn, 2012	60 Cr.Hrs	04 Semesters
6.2	Islamic Studies	Autumn, 2012	60 Cr.Hrs	04 Semesters
7.	<b>M.Phil Programme</b>			
7.1	Islamic Studies	Autumn, 2012	48 Cr.Hrs	04 Semesters
7.2	Arabic	Autumn, 2012	48 Cr.Hrs	04 Semesters
8.	<b>M.Phil Based Ph.D Programme</b>			
8.1	Islamic Studies	Autumn, 2012	18 Cr.Hrs + Research	04 Semesters

## B. Faculty of Education

Sr. No.	<u>Academic Programmes</u>	<u>New Admission</u>	<u>Required Credit/ Cr.Hrs</u>	<u>Programmes' Minimum Duration</u>
1	<b>Secondary School Certificate (SSC) Programmes</b>	For Continuing Students only	08 Credits	04 Semesters
2	<b>Higher Secondary School Certificate (HSSC) Programmes</b>	Spring & Autumn 2012	08 Credits	04 Semesters
3	<b>Bachelor Programmes</b>			
3.1	BA General Group	<u>Spring &amp; Autumn 2012</u>	08 Credits	04 Semesters
4	<b>Teacher Education Programmes</b>			
4.1	PTC	<b>Spring, 2012</b>	05 Credits	02 Semesters
4.2	CT	<b>For Continuing Students only</b>	05 Credits	02 Semesters
4.3	BEd	Autumn, 2012	06 Credits	03 Semesters
5	<b>M.Ed Programmes</b>			
5.1	Science Education	Spring, 2012	36 Cr.Hrs	03 Semesters
5.2	Secondary Teacher Education	Spring, 2012	36 Cr.Hrs	03 Semesters
5.3	Distance, Non-Formal and Continuing Education	Spring, 2012	36 Cr.Hrs	03 Semesters
5.4	Special Education	Spring, 2012	36 Cr.Hrs	03 Semesters
6	<b>Postgraduate Diploma Programmes</b>			
6.1	Postgraduate Diploma in Educational Planning & Management	Spring, 2012	30 Cr.Hrs	02 Semester
7.	<b>M. A Programmes</b>			
7.1	Distance & Non-Formal Education	Spring, 2012	60 Cr.Hrs	04 Semesters
7.2	Educational Planning & Management	Spring, 2012	60 Cr.Hrs	04 Semesters
7.3	Secondary Teacher Education	Spring, 2012	60 Cr.Hrs	04 Semesters
7.4	Special Education	Spring, 2012	60 Cr.Hrs	04 Semesters

8	<b>MS/MPhil Programmes</b>			
8.1	Distance, Non-Formal Educational and Continuing Education	Spring, 2012	30 Cr.Hrs	03 Semesters
8.2	Secondary Teacher Education	Spring, 2012	30 Cr.Hrs	03 Semesters
8.3	Educational Planning & Management	Spring, 2012	30 Cr.Hrs	03 Semesters
8.4	Special Education	Spring, 2012	30 Cr.Hrs	03 Semesters
8.5	Science Education	Spring, 2012	30 Cr.Hrs	03 Semesters
9	<b>MS/MPhil Based Ph. D Programmes</b>			
9.1	Distance and Non Formal Education	Spring, 2012	18 Cr.Hrs + Research	10 Semesters (Maximum Time Period)
9.2	Secondary Teacher Education	Spring, 2012	-do-	-do-
9.3	Educational Planning & Management	Spring, 2012	-do-	-do-
9.4	Special Education	Spring, 2012	-do-	-do-
9.5	Science Education	Spring, 2012	-do-	-do-

\* **MS = 24 Cr.H Course work + 6 Cr.H Research Project.**  
**Ph.D = 18 Cr.H Course work + PhD Research Thesis.**



## C. Faculty of Sciences

Sr. No.	<u>Academic Programmes</u>	<u>New Admission</u>	<u>Required Credit/ Cr.Hrs</u>	<u>Programmes' Minimum Duration</u>
1.	<b>Course Certificate Programmes</b>			
1.1	<b>Open Tech Programme</b>	Spring & Autumn, 2012	Non Credit	One Semester
1.2	Professional Certificate Courses			
	1) Vocational Course	Spring & Autumn, 2012	Full Credit	One Semester
	2) Agricultural Courses	Spring & Autumn, 2012	Half Credit	One Semester
2.	<b>Secondary School Certificate (SSC) Programmes</b>			
2.1	General Group	For Continuing Students only	08 Credits	04 Semesters
3.	<b>Higher Secondary School Certificate (HSSC) Programmes</b>			
3.1	General Group	For Continuing Students only	08 Credits	04 Semesters
3.2	FSc Home Economics (only continuing students)	No New Admission	08 Credits	04 Semesters
3.3	FSc Family and Community Health (only continuing students)	No New Admission	08 Credits	04 Semesters
3.4	FSc Pre-Medical	Spring & Autumn, 2012	08 Credits	04 Semesters
3.5	FSc Pre-Engineering	Spring & Autumn, 2012	08 Credits	04 Semesters
4.	<b>Bachelor Programmes</b>			
4.1	General Group	Spring & Autumn, 2012	08 Credits	04 Semesters
4.2	BSc Vision Sciences (for Continuing Students only)	No New Admission	10 Credits	04 Semesters
4.3	BS Chemistry	Spring, 2012	132 Cr.Hrs	08 Semesters
4.4	BS Microbiology	Spring, 2012	133 Cr.Hrs	08 Semesters
4.5	BS (CS) programme	Autumn, 2012	140 Cr.Hrs	08 Semesters
5.	<b>Postgraduate Diploma &amp; Master Programmes</b>			
5.1	PGD in CS Through Online Mode	Spring, 2012	39 Cr.Hrs	02 Semesters
5.2	PGD in Dietetics For Dieticians	Autumn, 2012	31 Cr.Hrs	02 Semesters
5.3	PGD in Nutrition For Physicians	Autumn, 2012	31 Cr.Hrs	02 Semesters
5.4	PGD Environmental Design	Spring, 2012	30 Cr.Hrs	02 Semesters
5.5	CYP Postgraduate Diploma	Spring, 2012	42 Cr.Hrs	03 Semesters

5.6	MSc Community Health & Nutrition	Autumn, 2012	64 Cr.Hrs	04 Semesters
5.7	MSc Environmental Design	Spring, 2012	64 Cr.Hrs	04 Semesters
5.8	MSc Forestry Extension	Spring, 2012	60 Cr.Hrs	04 Semesters
5.9	MSc Physics	Spring, 2012	64 Cr.Hrs	04 Semesters
5.10	MSc Chemistry	Spring, 2012	64 Cr.Hrs	04 Semesters
5.11	MSc Mathematics	Spring, 2012	68 Cr.Hrs	04 Semesters
5.12	MSc Statistics	Spring, 2012	68 Cr.Hrs	04 Semesters
6.	<b>MPhil/MS/MSc (Hons) Programmes</b>			
6.1	MS (Computer Science)	Spring, 2012	24 Cr.Hrs Course Work + 12 Cr.Hrs Research & Thesis	04 Semesters
6.2	MSc (Hons) Rural Development	Spring, 2012	24 Cr.Hrs Thesis	04 Semesters
6.3	MSc (Hons) Livestock Management	Spring, 2012	24 Cr.Hrs Course Work + 12 Cr.Hrs Research & Thesis	04 Semesters
6.4	MSc (Hons) Agricultural Extension	Spring, 2012	-do-	04 Semesters
6.5	Statistics	Spring, 2012	-do-	04 Semesters
6.6	Physics	Spring, 2012	-do-	04 Semesters
6.7	Chemistry	Autumn, 2012	-do-	04 Semesters
6.8	Food & Nutrition	Autumn, 2012	-do-	04 Semesters
7.	<b>MPhil Based Ph.D Programmes</b>			
7.1	Computer Science (for Continuing Students only)	No New Admission		
7.2	Statistics	No New Admission	20 Cr.Hrs Course Work + Research Work & Thesis	06 Semesters
7.3	Agricultural Extension	Spring, 2012	18 Cr.Hrs Course Work + Research Work &	06 Semesters

7.4	Chemistry	Autumn, 2012	Thesis -do-	06 Semesters
7.5	Food & Nutrition (for continuing students only)	No New Admission	-do-	06 Semesters

## D. Faculty of Social Sciences and Humanities

Sr. No.	Academic Programmes	New Admission	Required Credit	Programmes' Minimum Duration
1.	<b>Course Certificate Programmes</b>			
1.1	Functional/Non Credit	Spring & Autumn, 2012	Non Credit	01 Semester
1.2	Certificate in Librarianship	Spring & Autumn, 2012	02 Credits	01 Semester
2.	<b>Secondary School Certificate (SSC) Programme</b>			
2.1	General Group	For Continuing Students only	08 Credits	4 Semesters
3.	<b>Higher Secondary School Certificate (HSSC) Programmes</b>			
3.1	General Group	For Continuing Students only	08 Credits	4 Semesters
3.2	ICom (Commerce Group)	-do-	08 Credits	4 Semesters *
4.	<b>Bachelor Programmes</b>			
4.1	BA General Group	Spring & Autumn, 2012	08 Credits	4 Semesters
4.2	BBA Group	No New Admission	10 Credits	4 Semesters
4.3	BCom (Commerce Group)	Spring & Autumn, 2012	08 Credits	4 Semesters
4.4	Associate Degree	Spring & Autumn, 2012	69 Cr.Hrs	4 Semesters
4.5	Library & Information Sciences Group	Spring & Autumn, 2012	08 Credits	4 Semesters
4.6	Mass Communication Group	Spring & Autumn, 2012	08 Credits	4 Semesters
5.	<b>Postgraduate Diploma &amp; Master Programmes</b>			
5.1	Diploma TEFL	Spring, 2012	30 Cr.Hrs	02 Semesters
5.2	MA TEFL	Spring, 2012	60 Cr.Hrs	04 Semesters
5.3	MSc Economics	Autumn, 2012	60 Cr.Hrs	04 Semesters
5.4	PGD & MSc Mass Communication	Spring, 2012	60 Cr.Hrs	04 Semesters
5.5	Master of Business Administration (Duration 3 ½ Years)	Spring & Autumn, 2012	96-100 Cr.Hrs	07 Semesters
5.6	Master of Business Administration (Duration 2 ½ Years) (New Programme)	Spring & Autumn, 2012	66-70 Cr.Hrs	05 Semesters

\* Fresh offering of ICom programme is reflected under cluster scheme at Page No. 22

5.7	Master of Business Administration	No New Admission	60 Cr.Hrs	04 Semesters
5.8	MBA ( Banking & Finance)	No New Admission	60 Cr.Hrs	04 Semesters
5.9	MBA (IT)	No New Admission	72 Cr.Hrs	04 Semesters
5.10	Masters of Library and Information Sciences	Spring, 2012	60 Cr.Hrs	04 Semesters
5.11	MSc Sociology	Spring, 2012	60 Cr.Hrs	04 Semesters
5.12	MA Urdu	Autumn, 2012	60 Cr.Hrs	04 Semesters
5.13	MSc Pakistan Studies	Autumn, 2012	60 Cr.Hrs	04 Semesters
5.14	PGD Gender & Women Studies	Autumn, 2012	30 Cr.Hrs	02 Semesters
5.15	MSc Gender & Women Studies	Autumn, 2012	60 Cr.Hrs	04 Semesters
5.16	CoL MBA/MPA Programme for Executive	Spring &Autumn, 2012	90 Cr.Hrs	04 Semesters
5.17	M.Com (Accounting and Finance)	Spring & Autumn, 2012	72 Cr.Hrs	04 Semesters
6.	<b>MPhil/MS Programmes</b>		24 Cr.Hrs+ 6	
6.1	Iqbal Studies	Autumn, 2012	Cr.Hrs Research	04 Semesters
6.2	Urdu	<b>Spring, 2012</b>	-do-	04 Semesters
6.3	Mass Communication	Autumn, 2012	-do-	04 Semesters
6.4	Economics	Spring, 2012	-do-	04 Semesters
6.5	Pakistani Languages & Literature	Spring, 2012	-do-	04 Semesters
6.6	Management Sciences (New Programme)	Spring, 2012	24 Cr.Hrs+ 12 Cr.Hrs Research	03 Semesters
7.	<b>PhD Programmes (MPhil Based)</b>			
7.1	Iqbal Studies	Autumn, 2012	18 Cr.Hrs+ Thesis	06 Semesters
7.2	Pakistani Languages & Literature	Autumn, 2012	-do-	06 Semesters
7.3	Urdu	Autumn, 2012	-do-	06 Semesters
7.4	Mass Communication	Autumn, 2012	-do-	06 Semesters

## E. Bureau for University Extension and Special Programmes/Projects (BUESP)

Sr. No.	<u>Academic Programmes</u>	<u>New Admission</u>	<u>Required Credit</u>	<u>Programmes' Minimum Duration</u>
1.	<b>Course Certificate Programmes</b>			
1.1	Short Term Educational Programmes	<u>Throughout the year</u>	<u>Non Credit</u>	<b>3 Month Duration</b>
a.	Management Sciences	Throughout the year	-do-	-do-
b.	Social Sciences	Throughout the year	-do-	-do-
c.	Community Education	Throughout the year	-do-	-do-
d.	Hotel Services	Throughout the year	-do-	-do-

### 1. Groups at SSC for New Applicants Spring & Autumn 2012

#### 1.1 Secondary School Certificate (Matric) Groups. Total Credits 8

Compulsory courses must be taken by all students of Matric

##### Semester 1

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
201	Islamiat	FC
	OR	
251	Ethics (For Non-Muslim Students only)	
202	Pakistan Studies	FC

**Semester 2**

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
204	Urdu For Daily Use OR	FC
213	Sindhi +Easy Urdu ( For Sindhi Students only)	
207	Compulsory English (Part – I)	HC
247	Math Part -I	HC

**Semester 3**

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
203	General Science	FC
221	Compulsory English (Part – II)	HC
248	Math Part – II	HC

**Semester 4**

**Optional offering for SSC (Matric) 4<sup>th</sup> semester. Students may select any one group of courses given sets “A” to “F”.**

**Group “A”**

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
260	Information Technology Basics	HC
222	Applied Food & Nutrition	HC
208	Garment Making –I	HC
210	Garment Making –II	HC

**Group “B”**

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
260	Information Technology Basics	HC
217	Food and Nutrition	HC
218	First Aid-I	HC
220	First Aid-II OR	HC
200	Selling of Home Made Products	FC

**Group “C”**

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
260	Information Technology Basics	HC
211	Poultry Farming	HC
253	Introduction to Livestock Management	HC
254	Livestock Production	HC

**Group “D”**

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
260	Information Technology Basics	HC
256	Vegetable Growing	HC
257	Fruit Production	FC

**Group “E”**

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
260	Information Technology Basics	HC
258	Lab Techniques in Chemistry	HC
252	Lab Techniques in Physics	HC
259	Lab Techniques in Biology	HC

**Group “F”**

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
260	Information Technology Basics	HC
205	Arabic	FC
	OR	
215	Education	FC
242	Seerat-e-Tayyeba	HC

## 1.2 Dars-e-Nizami Group (SSC) Total Credits 8

All courses are compulsory

### Semester 1

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
202	Pakistan Studies	FC
240	Quran-e-Hakeem	FC

### Semester 2

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
204	Urdu	FC
207	Compulsory English – I	HC
247	Mathematics –I	HC

### Semester 3

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
203	General Science	FC
221	Compulsory English –II	HC
248	Mathematics –II	HC

### Semester 4

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
241	Islamic Fiqh	FC
246	Arabic	HC
242	Seerat-un-Nabi	HC



## 2. Groups at HSSC for New Applicants Spring & Autumn 2012

### 2.1 High Secondary School Certificate Groups. Total Credits 8

Compulsory courses must be taken by all students of HSSC

#### Semester 1

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
363	Urdu-I	HC
	OR	
398	Sindhi + Easy Urdu-I (For Sindhi Students only)	
386	Compulsory English -I	HC
316	Islamiat	HC
	OR	
319	Ethics (For Non-Muslim Students Only)	
360	Information Technology Applications	HC

#### Semester 2

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
364	Urdu-II	HC
	OR	
399	Sindhi + Easy Urdu-II (For Sindhi Students only)	
387	Compulsory English-II	HC
376	Human Rights	FC

Optional offering for HSSC 3<sup>rd</sup> and 4<sup>th</sup> semester. Students may select any one group of courses given sets “A” to “H”.

**Group “A”**

**Semester 3**

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
317	Pakistan Studies	HC
301	Daftri Urdu	HC
343	Islamiat	FC

**Semester 4**

<u>Course Code</u>	<u>Title</u>	<u>Credit</u>
312	Education	FC
315	Economics	FC

**Group “B”**

**Semester 3**

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
313	Dairy Farming	HC
326	Farm Income Generating Skills	HC
327	Farm Machinery	HC
328	Improved Methods of Oil Seed Crops	HC

**Semester 4**

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
329	Jadeed Zarat	HC
342	Improved Methods of Fruit Production	HC
349	Plant Protection	HC
305	Rural Development	HC

**Group “C”**

**Semester 3**

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
371	Women Policing	FC
308	General Science	FC

**Semester 4**

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
372	Criminology	FC
388	Penology	FC

**Group “D”**

**Semester 3**

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
317	Pakistan Studies	HC
346	Principles of Commerce	FC
347	Banking	HC

**Semester 4**

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
321	Muslim History of the Sub-Continent	FC
315	Economics	FC

**Group “E”**

**Semester 3**

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
315	Economics	FC
394	Statistics-I	HC
1307	Mathematics-I	HC

**Semester 4**

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
359	Understanding of Math, Stat and Computer	HC
395	Statistics-II	HC
1308	Mathematics-II	HC
1309	Mathematics-III	HC

**Group “F”****Semester 3**

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
317	Pakistan Studies	HC
301	Daftri Urdu	HC
343	Islamiat	FC

**Semester 4**

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
312	Education	FC
322	Secretarial Practice	HC
330	Child Care & Development	HC

**Group “G”****Semester 3**

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
345	Home Management and Home Furnishing	HC
356	Food and Nutrition	HC
358	Apparel Design	HC
365	Community Health	HC

**Semester 4**

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
330	Child Care and Development	HC
357	Health and Nutrition	HC
355	Consumer Textile	HC
366	Action for Health	HC

**Group “H”****Semester 3**

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
303	Iqbaliat	FC
343	Islamiat	FC

**Semester 4**

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
321	Muslim History of the Sub-continent	FC
309	Arabic	FC

**2.2 ICom Total Credit 8****Semester 1**

<u>Course Code</u>	<u>Title</u>	<u>2 Credit</u>
363	Urdu-I	HC
386	Compulsory English-I	HC
316	Islamiat OR	HC
319	Ethics (For Non-Muslim Students Only)	
360	Information Technology Applications	HC

**Semester 2**

<b><u>Course Code</u></b>	<b><u>Title</u></b>	<b><u>2 Credit</u></b>
311	Book-keeping and Accountancy	FC
346	Principles of Commerce	FC

**Semester 3**

<b><u>Course Code</u></b>	<b><u>Title</u></b>	<b><u>2 Credit</u></b>
394	Statistics-I	HC
322	Secretarial Practice	HC
387	Compulsory English-II	HC
364	Urdu-II	HC

**Semester 4**

<b><u>Course Code</u></b>	<b><u>Title</u></b>	<b><u>2 Credit</u></b>
315	Economics	FC
347	Banking	HC
395	Statistics-II	HC

# Faculty of Arabic & Islamic Studies

**Faculty Coordinator:**

**Muhammad Afzal Tahir**

## A. Faculty of Arabic and Islamic Studies

Sr. No.	Academic Programmes	New Admission	Required Credit	Programmes' Minimum Duration
1.	<b>Course Certificate Programmes</b>			
1.1	Functional/Non Credit Courses	Spring & Autumn, 2012	Non Credit	One Semester
2.	<b>Secondary School Certificate (SSC) Programmes</b>			
2.1	SSC (General Group)	For Continuing Students only	08 Credits	04 Semesters
2.2	SSC Dars-e- Nizami	-do-	08 Credits	04 Semesters
3.	<b>Higher Secondary School Certificate (HSSC) Programmes</b>			
3.1	HSSC (General Group)	For Continuing Students only	08 Credits	04 Semesters
3.2	HSSC (Dears-e-Nizami)	Spring & Autumn, 2012	08 Credits	04 Semesters
4.	<b>Bachelor Programmes</b>			
4.1	BA General Group	Spring & Autumn, 2012	08 Credits	04 Semesters
4.2	BA Dears-e-Nizami Group	Spring & Autumn, 2012	08 Credits	04 Semesters
5.	<b>Teachers Training Programmes</b>			
5.1	B.Ed (Arabic)	Autumn, 2012	06 Credits	03 Semesters
5.2	Arabic Teachers Training Course (ATTC)	Spring, 2012	01 Credit	01 Semester
6.	<b>M.A Programmes</b>			
6.1	Arabic	Autumn, 2012	60 Cr.Hrs	04 Semesters
6.2	Islamic Studies	Autumn, 2012	60 Cr.Hrs	04 Semesters
7.	<b>M.Phil Programmes</b>			
7.1	Islamic Studies	Autumn, 2012	48 Cr.Hrs	04 Semesters
7.2	Arabic	Autumn, 2012	48 Cr.Hrs	04 Semesters
8.	<b>M.Phil Based Ph.D Programme</b>			
8.1	Islamic Studies	Autumn, 2012	18 Cr.Hrs + Research	04 Semesters



## 1. Course Certificate Programmes

### 1.1 Functional/Non Credit Courses

Spring and Autumn, 2012

<u>Code</u>	<u>Course Title</u>	<u>Credit</u>
109	Lughat ul Quran	Non Credit
110	Al Lisanul Arabi	Non-credit
114	Arabi Bole Chall	Non-credit

## 2. Secondary School Certificate (SSC) Programmes

(For Continuing Students only)

### 2.1 SSC General Group

Spring and Autumn, 2012

<u>Code</u>	<u>Course Title</u>	<u>Credit</u>
201	Islamiat (Compulsory)	FC
205	Arabic	FC
251	Ethics	FC

### 2.2 SSC (Dars-e-Nizami)

(For Continuing Students enrolled before Spring 2011)

Spring and Autumn, 2012

<u>Code</u>	<u>Course Title</u>	<u>Credit</u>
<b>1<sup>st</sup> Semester</b>		
204	<b>Urdu OR</b>	<b>FC</b>
213	Sindhi Compulsory	FC
240	Quran-e- Hakeem	FC
<b>2<sup>nd</sup> Semester</b>		
207	Functional English-I	HC
242	Seerat-un-Nabi	HC
248	Mathematics-II	HC

### 3<sup>rd</sup> Semester

203	General Science	FC
221	Functional English-II	HC
247	Mathematics-I	HC

### 4<sup>th</sup> Semester

241	Islamic Fiqh	FC
246	Arabic	HC
202	Pakistan Studies	FC

Note: Course 207 is pre-requisite for course 221.

## 3. Higher Secondary School Certificate (HSSC) Programmes

### 3.1 HSSC (General Group) (For Continuing Students only) Spring and Autumn, 2012

<u>Spring 2012</u>			<u>Autumn 2012</u>		
<u>Code</u>	<u>Title of Course</u>	<u>Credit</u>	<u>Code</u>	<u>Title of Course</u>	<u>Credit</u>
309	Arabic	FC	309	Arabic	FC
316	Islamic Studies	HC	316	Islamic Studies	HC
	OR			OR	
319	Ethics (For Non Muslims students only)	HC	319	Ethics (For Non Muslims students only)	HC
343	Islamic Studies	FC	343	Islamic Studies	FC

### 3.2 HSSC (Dars-e-Nizami)

Spring and Autumn, 2012

#### Dars-e-Nizami (Compulsory Courses)

<u>Code</u>	<u>Course Title</u>	<u>Credit</u>
389	Quran-e-Hakim	<u>FC</u>
390	Hadith	FC
391	Fiqh	FC
392	Usul-ul-Fiqh	FC

#### AIOU (Compulsory Courses)

363	Urdu-I	HC
	OR	
398	Sindhi+Easy Urdu-I (for Sindhi Students only) in lieu of 363	FC
309	Arabic	FC
386	Compulsory English-I	HC
316	Islamic Studies	HC

387	Compulsory English-II	HC
364	Urdu-II	HC
<b>OR</b>		
399	Sindhi+Easy Urdu-II (for Sindhi Students only) in lieu of 364	HC
357	Food & Nutrition	HC
Note:	1. Course Code 363 is pre-requisite to take admission in course 364	
	2. Course 386 is pre-requisite to take admission in course code 387	
	3. Course Code 398 is pre-requisite to take admission in Course Code 399	

## **4. Bachelor Programmes**

### **4.1 B.A General Group**

**Spring and Autumn, 2012**

<u>Code</u>	<u>Course Title</u>	<u>Credit</u>
408	Arabic	FC
416	Islamiat (Compulsory)	HC
436	Seerat-e-Tayyaba	FC
437	Islamiat (Elective)	FC
464	Islamic Fiqh	FC

### **4.2 B.A Dars-e-Nizami Group**

**Spring and Autumn, 2012**

<u>Spring 2012</u>			<u>Autumn 2012</u>		
Compulsory Course of Dars-e-Nizami			Compulsory Course of Dars-e-Nizami		
<u>Code</u>	<u>Title of Course</u>	<u>Credit</u>	<u>Code</u>	<u>Title of Course</u>	<u>Credit</u>
472	Quran-e-Hakim	<u>FC</u>	472	Quran-e-Hakim	<u>FC</u>
473	Hadith	FC	473	Hadith	FC
474	Islamic Fiqh	FC	474	Islamic Fiqh	FC
475	Usul-ul-Fiqh	FC	475	Usul-ul-Fiqh	FC
476	Philosophy of Islamic Legislation	FC	476	Philosophy of Islamic Legislation	FC
<b>AIOU (Compulsory Courses)</b>			<b>AIOU (Compulsory Courses)</b>		
408	Arabic	FC	408	Arabic	FC
416	Islamic Studies	HC	416	Islamic Studies	HC
417	Pakistan Studies	HC	417	Pakistan Studies	HC
1423	Compulsory English-I	HC	1423	Compulsory English-I	HC
1424	Compulsory English-II	HC	1424	Compulsory English-II	HC

**Note:** Course Code 1423 is pre-requisite to take admission in Course Code 1424

## **5. Teacher Training Programmes**

### **5.1 B. Ed Arabic**

<b><u>Spring, 2012</u></b>		<b><u>Autumn, 2012</u></b>			
<b><u>3<sup>rd</sup> Semester</u></b>		<b><u>Fresh Admission</u></b>			
<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Credit</u></b>	<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Credit</u></b>
2600	Perspective of Education	HC	2601	School Organization and	HC
2604	Islam Pakistan and Modern	HC		Management	
	World		2602	Evaluation Guidance and	HC
				Research	
2608	Practical Workshop &	FC	2603	Educational Psychology and	HC
	Teaching				
	Practice			Curriculum Management	
			651	English Compulsory	HC

### **5.2 Arabic Teachers Training Course (ATTC)**

#### **Fresh Admission**

**Spring, 2012**

<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Credit</u></b>
608	Arabic Teachers Training Course	FC

## 6. M.A Programmes

### 6.1 M.A Arabic

#### Spring, 2012

#### 2<sup>nd</sup> Semester

<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>
4507	Rehortics	3
4525	History of Arabic Literature	3
	(Classical)	
4526	History of Arabic Literature	3
	(Modern)	
4533	Linguistics-I	3
4534	Linguistics-II	3

#### 4<sup>th</sup> Semester

4531	Literary Criticisms-I	3
4532	Literary Criticisms-II	3
4539	Islamic History-I	3
4540	Islamic History-II	3
4541	History of Arabic Literature in Sub Continent-I	3

#### Autumn, 2012

#### 3<sup>rd</sup> Semester

<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>
4508	Teaching Methodology	3
4527	Poetry-I	3
4528	Poetry-II	3
4529	Prose-I	3
4530	Prose-II	3
4535	Applied Grammar-I	3
4536	Applied Grammar-II	3
4537	Religious Literature-I	3
4538	Religious Literature-II	3

4542 History of Arabic Literature in Sub Continent-II 3

## 6.2 M.A Islamic Studies

### Compulsory Courses

Spring, 2012  
2<sup>nd</sup> Semester

Autumn, 2012  
Fresh Admission

<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>
4601	Islamic History	3	4611	<i>Usool History of Tafsir</i>	3
4602	Islamic History	3	4612	<i>Study of Quran Hakim</i>	3
4631	Study of Fiqh	3	4621	<i>Usool, History of Hadith and</i>	3
4632	Study of Texts of Islamic Fiqh	3	4622	<i>Textual Study of Hadith</i>	3
4639	Arabic Language and Literature (Quran & Hadith)	3			
4640	Arabic Language and Literature (Prose & Poetry)	3			

**a. Specialization in Islamic Law & Jurisprudence**

<u>4<sup>th</sup> Semester</u>		<u>3<sup>rd</sup> Semester</u>		
4607	Philosophy and Objectives of Shariah-I	3	4633 Introduction to Islamic Shariah-I	3
			4634 Introduction to Islamic Shariah-II	3
4608	Philosophy and Objectives of Shariah-II	3	4635 Procedural Law of Islam	3
			4636 Claims Processing and System of	3
4629	Fiqh-ul-Sunnah (Ibadat)	3	Accountability in Islamic Law	
4630	Fiqa-ul-Sunnah (Muamilat)	3	4637 Criminal Law of Islam (Crimes and Hudood)	3
<b>OR</b>				
4544	Thesis	12	4638 Islamic Law of Qasas, Diat & Tazirat	3

**b. Specialization in Quran & Tafseer**

<u>4<sup>th</sup> Semester</u>		<u>3<sup>rd</sup> Semester</u>	
4619	3	4613	3
Textual Study of Al-Quran-I		Ulum-al-Quran-I	
4620	3	4614	3
Textual Study of Al-Quran-II		Ulum-al-Quran-II	
4576	3	4615	3
Quran & Orientlists		Evolution of Tafseer-I	
4578	3	4616	3
Translations & Tafseer of		<b>Evolution of Tafseer-II</b>	
Quran in Pakistan		4617	3
		<b>Fiqh al Quran-I</b>	
		4618	3
		<b>Fiqh al Quran-II</b>	
<b>OR</b>			
4545	12		
Thesis			

**c. Specialization in Islamic Thoughts, History and Culture**

<u>4<sup>th</sup> Semester</u>		<u>3<sup>rd</sup> Semester</u>	
4607	3	4603	3
Philosophy and Objectives		Islamic Movements in Modern Age	
of Shariah-I			
4608	3	4604	3
Philosophy and Objectives		Islamic Movements in Sub Continent	
of Shariah-II			
4635	3	4605	3
Procedural Law of Islam		History of Islamic Sciences	
4636	3	4606	3
Claims Processing and System of Accountability in Islamic Law		History of Islamic Thought	
		4609	3
		Islamic Civilization in Historical Perspective	
<b>OR</b>			
4575	12	4610	3
Thesis		Western Civilization in Historical Prospective	



**d. Specialization in Hadith & Seerah**

<u>4<sup>th</sup> Semester</u>		<u>3<sup>rd</sup> Semester</u>	
4619	3	Al-Qawaid Fil Hadith-I	3
Textual Study of Al-Quran-I		4623	
4620	3	Al-Qawaid Fil Hadith-II	3
Textual Study of Al-Quran-II		4624	
4629	3	4625 History of Hadith Literature-I	3
Fiqh-ul-Sunnah (Ibadat)		4626	
4630	3	4626 History of Hadith Literature-II	3
Fiqa-ul-Sunnah (Muamilat)		4627	
<b>OR</b>		4627 Textual Study of Hadith-I	3
4543	12	4628 Textual Study of Hadith-II	3
Thesis			

**7. M. Phil Programmes**

**7.1 Islamic Studies**

<u>Spring, 2012</u> <u>2<sup>nd</sup> semester</u>		<u>Autumn, 2012</u> <u>Fresh Admission</u>	
<u>Code</u>	<u>Course Title</u>	<u>Code</u>	<u>Cr. Hours</u>
5785	Applied Research-I	5781	Research Methodology-I
5786	Applied Research-II	5782	Research Methodology-II
5787	Research Writing-I	5783	Methods of Research in Islam-I
5788	Research Writing-II	5784	Methods of Research in Islam-II

## 7.2 Arabic

Spring, 2012  
2<sup>nd</sup> semester

Autumn, 2012

### Fresh Admission

<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>
4717	Literary Studies-I	3	4713	Principles of Research-I	3
4718	Literary Studies-II	3	4714	Principles of Research-II	3
4719	Linguistic Studies-I	3	4715	The Arabic Linguistics and Literature & its Sources-I	3
4720	Linguistic Studies-II	3	4716	The Arabic Linguistics and Literature & its Sources-II	3

## 8. M.Phil Based Ph.D Programmes

### 8.1 Islamic Studies

Spring, 2012  
2<sup>nd</sup> semester

Autumn, 2012

### Fresh Admission

<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>
6724	Methodologies of Seerat Negari	3	6721	Methodologies of Research in Islamic Studies	3
6725	Basic Theories of Islamic Law	3	6722	Contemporary Trends in Tafseer	3
6726	Introduction to Contemporary Muslim Thinkers & their Thoughts	3	6723	Methodological Studies of Sources of Hadith & Uloom-al-Hadith	3

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# Faculty of Education

**Faculty Coordinator:**

**Muhammad Afzal Tahir**

## B. Faculty of Education

Sr. No.	<u>Academic Programmes</u>	<u>New Admission</u>	<u>Required Credit/ Cr.Hrs</u>	<u>Programmes' Minimum Duration</u>
1	<b>Secondary School Certificate (SSC) Programmes</b>	For Continuing Students only	08 Credits	04 Semesters
2	<b>Higher Secondary School Certificate (HSSC) Programmes</b>	Spring & Autumn 2012	08 Credits	04 Semesters
3	<b>Bachelor Programmes</b>			
3.1	BA General Group	<u>Spring &amp; Autumn 2012</u>	08 Credits	04 Semesters
4	<b>Teacher Education Programmes</b>			
4.1	PTC	<b>Spring, 2012</b>	05 Credits	02 Semesters
4.2	CT	<b>For Continuing Students only</b>	05Credits	02 Semesters
4.3	BEd	Autumn, 2012	06 Credits	03 Semesters
5	<b>M.Ed Programmes</b>			
5.1	Science Education	Spring, 2012	36 Cr.Hrs	03 Semesters
5.2	Secondary Teacher Education	Spring, 2012	36 Cr.Hrs	03 Semesters
5.3	Distance, Non-Formal and Continuing Education	Spring, 2012	36 Cr.Hrs	03 Semesters
5.4	Special Education	Spring, 2012	36 Cr.Hrs	03 Semesters
6	<b>Postgraduate Diploma Programmes</b>			
6.1	Postgraduate Diploma in Educational Planning & Management	Spring, 2012	30 Cr.Hrs	02 Semester
7.	<b>M. A Programmes</b>			
7.1	Distance & Non-Formal Education	Spring, 2012	60 Cr.Hrs	04 Semesters
7.2	Educational Planning & Management	Spring, 2012	60 Cr.Hrs	04 Semesters
7.3	Secondary Teacher Education	Spring, 2012	60 Cr.Hrs	04 Semesters
7.4	Special Education	Spring, 2012	60 Cr.Hrs	04 Semesters
8	<b>MS/MPhil Programmes</b>			

8.1	Distance, Non-Formal Educational and Continuing Education	Spring, 2012	30 Cr.Hrs	03 Semesters
8.2	Secondary Teacher Education	Spring, 2012	30 Cr.Hrs	03 Semesters
8.3	Educational Planning & Management	Spring, 2012	30 Cr.Hrs	03 Semesters
8.4	Special Education	Spring, 2012	30 Cr.Hrs	03 Semesters
8.5	Science Education	Spring, 2012	30 Cr.Hrs	03 Semesters

9	<b>MS/MPhil Based Ph. D Programmes</b>			
9.1	Distance and Non Formal Education	Spring, 2012	18 Cr.Hrs + Research	10 Semesters (Maximum Time Period)
9.2	Secondary Teacher Education	Spring, 2012	-do-	-do-
9.3	Educational Planning & Management	Spring, 2012	-do-	-do-
9.4	Special Education	Spring, 2012	-do-	-do-
9.5	Science Education	Spring, 2012	-do-	-do-

**\* MS = 24 Cr.H Course work + 6 Cr.H Research Project.  
Ph.D = 18 Cr.H Course work + PhD Research Thesis.**

**1. Secondary School Certificate (SSC) Programmes**

(For Continuing Students Only)

<u>Code</u>	<u>Course Title</u>	<u>Credit</u>
215	Education	FC

**2. Higher Secondary School Certificate (SSC) Programmes**

(For Continuing Students Only)

<u>Code</u>	<u>Course Title</u>	<u>Credit</u>
312	Education	FC

**3. Bachelor Programmes**

**3.1 BA General Group**

<u>Code</u>	<u>Course Title</u>	<u>Credit</u>
419	Education	FC
429	Adult Education/Literacy	FC

**4. Teacher Education Programmes**

**4.1 PTC Programme**

<u>Code</u>	<u>Course Title</u>	<u>Credit</u>	<u>Code</u>	<u>Spring, 2012</u>	<u>Autumn, 2012</u>	<u>Credit</u>
				<u>Fresh Admission</u>	<u>2<sup>nd</sup> Semester</u>	
613	<u>Principles of Education</u>	HC	617	Teaching of Urdu	HC	

614	<u>Educational Psychology</u>	HC	618	Teaching of Mathematics	HC
615	<u>School Organization</u>	HC	619	Teaching of Sciences &	HC
616	<u>School Community and</u>	HC		Physical Education	
	<u>Practical Arts</u>		620	Teaching of Islamiat &	HC
				Social Studies	
			611	Practical & Teaching	FC
				Assignment Workshop	

## 4.2 C.T Programme

### Spring, 2012 2<sup>nd</sup> Semester

<u>Code</u>	<u>Course Title</u>	<u>Credit</u>
604	Urdu and Its Teaching	HC
605	Social Studies and Its Teaching	HC
606	Home Economics and Its Teaching	HC
607	Science and Its Teaching	HC
634	English and Its Teaching	HC
635	Islamiat and Its Teaching	HC
612	Practical Workshop and Teaching Practice	FC

## 4.3 B. Ed Programme

### Spring, 2012

### Autumn, 2012 Fresh Admission

3 <sup>rd</sup> Semester					
<u>Code</u>	<u>Course Title</u>	<u>Credit</u>	<u>Code</u>	<u>Course Title</u>	<u>Credit</u>
512	Perspective of Education	HC	513	School Organization and Management	HC
652	Islam, Pakistan and Modern World	HC	514	Evaluation Guidance and Research	HC
655	Practical Workshop & Teaching Practice	FC	518	Educational Psychology and Curriculum Management	HC
			651	English Compulsory	HC

## 5. M. Ed Programmes

### 5.1 Science Education

<u>Spring, 2012</u> <u>Fresh Admission</u>			<u>Autumn, 2012</u> <u>2<sup>nd</sup> Semester</u>		
<u>Code</u>	Course Title	<u>Cr. Hours</u>	<u>Code</u>	Course Title	<u>Cr. Hours</u>
831	Foundations of Education	3	695	Foundations of Science Education	3
837	Educational Research	3	696	Teaching Strategies in Science Education	3
838	Curriculum Development & Instructions	3	697	Assessment in Science Education	3
840	Educational Psychology	3	698	Laboratory Organization, Management & Safety Methods	3
 <u>3<sup>rd</sup> Semester</u>					
846	Teaching Strategies	3			
855	Computer in Education	3			
6506	Education in Pakistan	3			
6507	Educational Measurement and Evaluation	3			
<b>OR</b>					
848	Thesis	12			

### 5.2 Secondary Teacher Education

<u>Spring, 2012</u> <u>Fresh Admission</u>			<u>Autumn, 2012</u> <u>2<sup>nd</sup> Semester</u>		
<u>Code</u>	Course Title	<u>Cr. Hours</u>	<u>Code</u>	Course Title	<u>Cr. Hours</u>
831	Foundations of Education	3	826	Elementary Education	3
837	Educational Research	3	827	Secondary Education	3
838	Curriculum Development & Instructions	3	828	Higher Education	3
840	Educational Psychology	3	829	Teacher Education in Pakista	3
 <u>3<sup>rd</sup> Semester</u>					
6505	Islamic System of Education	3			



6507	Educational Measurement and Evaluation	3
6552	Textbook Development-I	3
6553	Textbook Development-II	3
<b>OR</b>		
849	Thesis	

### 5.3 Distance, Non Formal and Continuing Education

<u>Spring, 2012</u> <u>Fresh Admission</u>			<u>Autumn, 2012</u> <u>2<sup>nd</sup> Semester</u>		
<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>
831	Foundations of Education	3	851	System of Distance Education	3
837	Educational Research	3	852	Broadcast Media in Distance Education	3
838	Curriculum Development and Instruction	3	853	Non Broadcast Media in Distance Education	3
840	Educational Psychology	3	854	Developing Material for Distance & Non Formal Education	3
<b><u>3<sup>rd</sup> Semester</u></b>					
834	Educational Technology	3			
835	Foundations of Adult Education	3			
846	Teaching Strategies	3			
855	Computer in Education	3			
<b>OR</b>					
839	Thesis				

### 5.4 Special Education

<u>Spring, 2012</u> <u>Fresh Admission</u>			<u>Autumn, 2012</u> <u>2<sup>nd</sup> Semester</u>		
<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>
Students can take any one specialization of 12 Credit Hours					

#### a. Visual Impairment

671	Educational Psychology	3	3601	Braille Practical Course (Urdu)	3
672	Perspectives of Special Education	3	3602	Braille Practical Course (English)	3
673	Handicapped Persons in the Community	3	677	Independence Training for the Visually Handicapped	3
846	Teaching Strategies	3	678	Special Education for the visually Handicapped	3

**3<sup>rd</sup> Semester**

831	Foundations of Education	3
837	Educational Research	3
838	Curriculum Development and Instructions	3
3600	Face to Face Component	3

**b. Hearing Impairment**

680	General Introduction to the Hearing Impairment	3
681	Psychology of Deafness and Child Development	3
682	Speech and Hearing	3
683	Audiology and Audiometry	3

**c. Mental Retardation**

3603	Introduction and Assessment of Mentally Retarded Children-I	3
3604	Introduction and Assessment of Mentally Retarded Children -II	3
3605	Education of the Mentally Retarded Children-I	3
3606	Education of the Mentally Retarded Children-II	3

**d. Physical Disabilities**

3607	Physical Handicaps-I	3
3608	Physical Handicaps-II	3
3609	Educational Adaptation for Children with Physical Disabilities-I	3
3610	Educational Adaptation for Children with Physical Disabilities -II	3

## **6. Postgraduate Diploma Programmes**

### **6.1 Postgraduate Diploma in Educational Planning & Management**

<u>Spring, 2012</u>		<u>Autumn, 2012</u>			
<u>Fresh Admission</u>		<u>Compulsory Courses</u>			
<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>
6557	Basic Concepts of Educational Planning-I	3	6559	Process of Educational Planning-I	3
6558	Basic Concepts of Educational Planning-II	3	6560	Process of Educational Planning-II	3
6561	Plan Implementation and Management-I	3	6563	Curriculum Planning & Evaluation-I	3
6562	Plan Implementation and Management-II	3	6564	Curriculum Planning & Evaluation-II	3
<b>Elective Courses (Any 6 credit hours of same title from the following courses)</b>					
			6567	Development Education-I	3
			6568	Development Education-II	3
			6571	Project Implementation, Monitoring and Evaluation-I	3
			6572	Project Implementation, Monitoring and Evaluation-II	3
			6573	Planning for Population Education-I	3
			6574	Planning for Population Education-II	3
<b><u>Total = 30 credit hours</u></b>					

## 7. M.A Programmes

### 7.1 Distance and Non-Formal Education

Spring, 2012  
Fresh Admission

Autumn, 2012  
2<sup>nd</sup> Semester

<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>
831	Foundations of Education	3	833	Students Support Services	3
837	Educational Research	3	834	Educational Technology	3
838	Curriculum Development and Instruction	3	835	Foundations of Adult Education	3
840	Educational Psychology	3	841	Educational Measurement and Evaluation	3
846	Teaching Strategies	3	842	Concepts and Methods of Distance Education	3
855	Computers in Education	3	843	Educational Guidance & Counselling	3
	3 <sup>rd</sup> Semester			4 <sup>th</sup> Semester	
844	Non- Formal Education	12	832	Planning and Management of Distance Education	3
845	Educational Administration and Supervision	3	850	Evaluation of Adult Education	3
847	Adult Education in Comparative Perspective	3	6550	Teaching Practice-I	3
854	Developing Material for Distance & Non Formal Education	3	6551	Teaching Practice-II	3
	<b>OR</b>				
857	Thesis	3			

## 7.2 Educational Planning and Management

### Spring, 2012 Fresh Admission

### Autumn, 2012 For Continuing Students

<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>
6557	<u>Basic Concepts of Educational Planning-I</u>	3	<b>GROUP-A</b>		
6558	<u>Basic Concepts of Educational Planning-II</u>	3	6559	Processes of Educational Planning-I	3
6561	<u>Plan Implementation and Management-I</u>	3	6560	Processes of Educational Planning-II	3
6562	<u>Plan Implementation and Management-II</u>	3	6563	Curriculum Planning & Evaluation-I	3
<b><u>For Continuing Students</u></b>			6564	Curriculum Planning and Evaluation-I	3
<b>GROUP-A</b>			6567	Curriculum Planning and Evaluation-II	3
6557	<u>Basic Concepts of Educational Planning-I</u>	3	6568	Development Education-II	3
6558	<u>Basic Concepts of Educational Planning-II</u>	3	6571	Project Implementation, Monitoring and Evaluation-I	3
6561	<u>Plan Implementation and Management-I</u>	3	6572	Project Implementation, Monitoring and Evaluation-II	3
6562	<u>Plan Implementation and Management-II</u>	3	6573	Planning for Population	3
6565	<u>Economics and Financing of Education-I</u>	3	6574	Planning for Population	3
6566	<u>Economics and Financing of Education-II</u>	3	510	<u>Research Thesis</u>	12
6569	<u>Educational Research and Statistics-I</u>	3	Note: To take admission in course code 510, courses 6569 and 6570 are pre-requisite		
6570	<u>Educational Research and Statistics-II</u>	3			
<b><u>GROUP-B</u></b>			<b><u>GROUP-B</u></b>		
<b>Collateral Area Courses</b>			<b>Collateral Area Courses</b>		
831	<u>Foundation of Education</u>	3	826	Elementary Education	3
837	<u>Educational Research</u>	3	827	Secondary Education	3
838	<u>Curriculum &amp; Instruction</u>	3	828	Higher Education	3
840	<u>Educational Psychology</u>	3	829	Teacher Education	3

A student can opt maximum 18 credit hours course from Group A & B

**4<sup>th</sup> Semester**  
**For Continuing Students**  
**GROUP-A**

6559	Processes of Educational Planning-I	3
6560	Processes of Educational Planning-II	3
6563	Curriculum Planning & Evaluation-I	3
6564	Curriculum Planning & Evaluation-II	3
6567	Development Education-I	3
6568	Development Education-II	3
6571	Project Implementation, Monitoring and Evaluation-I	3
6572	Project Implementation, Monitoring and Evaluation-II	3
6573	Planning for Population Education-I	3
6574	Planning for Population Education-II	3
510	<u>Research Thesis.</u>	12

**Note: To take admission in course code 510, courses 6569 and 6570 are pre-requisite**

**GROUP-B**

**Collateral Area Courses**

826	<u>Elementary Education</u>	3
827	<u>Secondary Education</u>	3
828	<u>Higher Education</u>	3
829	<u>Teacher Education</u>	3

**A student can opt maximum 18 credit hours course from Group A & B**

### 7.3 Secondary Teacher Education

Spring, 2012  
Fresh Admission

Autumn, 2012  
2<sup>nd</sup> Semester

<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>
6500	Foundations of Education	3	6508	Teaching of English	3
6501	Educational Psychology & Guidance	3	827	Secondary Education	3
6503	Curriculum and Instruction	3	828	Higher Education	3
6505	Islamic System of Education	3	829	Teacher Education in Pakistan	3
<b>AND</b>					
<b>Please select any one group from the following two groups.</b>					
6507	Educational Measurement and Evaluation	3	6509	Teaching of Urdu	3
837	Educational Research	3	6511	Teaching of Pakistan Studies	3
<b>OR</b>					
<b>3<sup>rd</sup> Semester</b>					
6502	Educational Management and Supervision	3	6515	Teaching of Mathematics	3
6506	Education in Pakistan	3	6516	Teaching of Physics	3
6554	Workshop and Teaching Practice-I	3	<b>4<sup>th</sup> Semester</b>		
6555	Workshop and Teaching Practice-II	3	6552	Textbook Development-I	3
			6553	Textbook Development-II	3
			6573	Planning for Population Education-I	3
			6574	Planning for Population Education-II	3
			<b>OR</b>		
			6542	Thesis	12

### 7.4 Special Education

Spring, 2012  
Fresh Admission

Autumn, 2012  
2<sup>nd</sup> Semester

Students can take any one Specialization from the following

<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>
671	Educational Psychology	3	<b>a. <u>Visual Impairment</u></b>		
672	Perspectives of Special Education	3	3601	Braille Practical Course Urdu- I	3
			3602	Braille Practical Course	3

673	Handicapped Persons in the Community	3	English- II	
831	Foundations of Education	3	677 Independence Training for the Handicapped	3
837	Educational Research	3	678 Special Education for the Visually Handicapped	3
838	Curriculum Development and Instructions	3		

**3<sup>rd</sup> Semester**

3611	Organization and Management of Special Schools-I	3
3612	Organization and Management of Special Schools-II	3
3613	Community Based Rehabilitation of People with Disabilities-I	3
3614	Community Based Rehabilitation of People with Disabilities-II	3
3600	Face to Face Component	3
846	Teaching Strategies	3

**b. Hearing Impairment**

680	General Introduction to the Hearing Impairment	3
681	Psychology of Deafness and Child Development	3
682	Speech and Hearing	3
683	Audiology and Audiometry	3

**c. Mental Retardation**

3603	Introduction and Assessment of Mentally Retarded Children-I	3
3604	Introduction and Assessment of Mentally Retarded Children-II	3
3605	Education of Mentally Retarded Children-I	3
3606	Education of Mentally Retarded Children-II	3

**d. Physical Disabilities**

3607	Physical Handicaps-I	3
3608	Physical Handicaps-II	3
3609	Educational Adaptation for Children with Physical Disabilities-I	3
3610	Educational Adaptation for Children with Physical Disabilities-II	3

**Autumn, 2012**

**4<sup>th</sup> Semester**

694	Thesis	12
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**OR**

**Any Four Master level courses from the following**

**a. Visual Impairment**

3601	Braille Practical Course-I (Urdu)	3
3602	Braille Practical Course-II	3



	(English)	
677	Independence Training for the Visually Handicapped	3
678	Special Education for the Visually Handicapped Children	3
	<b>b. Hearing Impairment Children</b>	
680	General Introduction to the Hearing Impairment	3
681	Psychology of Deafness and Child Development	3
682	Speech and Hearing	3
683	Audiology and Audiometry	3
	<b>c. Mental Retardation</b>	
3603	Introduction and Assessment of Mentally Retarded Children-I	3
3604	Introduction and Assessment of Mentally Retarded Children -II	3
3605	Education of the Mentally Retarded Children-I	3
3606	Education of the Mentally Retarded Children-II	3
	<b>d. Physical Disabilities</b>	
3607	Physical Handicaps-I	3
3608	Physical Handicaps-II	3
3609	Educational Adaptation for Children with Physical Disabilities-I	3
3610	Educational Adaptation for Children with Physical Disabilities -II	3
	<b>e. Other Courses Offered by the Faculty</b>	
826	Elementary Education	3
827	Secondary Education	3
828	Higher Education	3
829	Teacher Education in Pakistan	3
833	Students Support Services	3
834	Educational Technology	3
835	Foundations of Adult Education	3
841	Educational Measurement and Evaluation	3
842	Concepts and Methods of Distance Education	3

843	Educational Guidance & Counselling	3
851	System of Distance Education	3
852	Broadcast Media in Distance Education	3
853	Non Broadcast Media in Distance Education	3
854	Developing Material for Distance & Non Formal Education	3

**8. MS/MPhil Programmes**  
(Subject to policy of Faculty, offering of MS or MPhil)

**8.1 Distance, Non-Formal & Continuing Education**

**Spring, 2012**  
**Fresh Admission**

**Autumn, 2012**  
**2<sup>nd</sup> Semester**  
**Twelve credit hours courses**  
(any two clusters)

<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>
<b><u>MPhil Level Courses</u></b>			<b><u>Cluster A</u></b>		
3701	Trends and Issues in Education	3	3726	Non Formal Education-I	3
3703	Trends and Issues in Distance Education	3	3727	Non Formal Education-II	3
3705	Computer Applications in Education	3	<b><u>Cluster B</u></b>		
3706	Advanced Course on Educational Research and Statistics	3	3728	Adult Education-I	3
			3729	Adult Education-II	3
			<b><u>Cluster C</u></b>		
			3730	Educational Technology-I	3
			3731	Educational Technology-II	3
			<b><u>Cluster D</u></b>		
			3732	Distance Education-I	3
3714	Thesis (for MPhil old Students only)	24	3733	Distance Education-II	3
1786	Research Project (for continuing Student)	6			

## 8.2 Secondary Teacher Education

Spring, 2012  
Fresh Admission

Autumn, 2012  
2<sup>nd</sup> Semester  
Twelve Credit Hours  
(any two clusters)

<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>
3701	Trends and Issues in Education	3		<b><u>Cluster A</u></b>	
3704	Trends and Issues in Teacher Education	3	3736	Advanced Approaches to Curriculum Development-I	3
3705	Computer Applications in Education	3	3737	Advance Approaches to Curriculum Development-II	3
3706	Advanced Course on Educational Research and Statistics	3		<b><u>Cluster B</u></b>	
	<b><u>3<sup>rd</sup> Semester</u></b>		3739	Teaching Strategies-I	3
3713	Thesis (for M. Phil old Students only)	24	3740	Teaching Strategies-II	3
				<b><u>Cluster C</u></b>	
1786	Research Project (for continuing students of MS programme)	6	3742	Measurement and Evaluation in Education-I	3
			3743	Measurement and Evaluation in Education-II	3

## 8.3 Educational Planning & Management

Spring, 2012  
Fresh Admission  
12 Credit Hours

Autumn, 2012  
2<sup>nd</sup> Semester  
12 Credit Hours

<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>
3701	Trends and Issue in Education	3	3707	Advanced course on Educational Planning	3
3702	Trends and Issue in EPM	3	3708	Advance Course on Economics & Financing of Education	3
3705	Computer Application in Education	3			
3706	Advance Course on Educational Research and Statistics	3	3734	Advanced course on Educational Management-I	3
	<b><u>3<sup>rd</sup> Semester</u></b>		3735	Advanced Course on Educational Management-II	3
	<b><u>Research Project and Research Thesis</u></b>				

1786	Research Project (for continuing students of MS programme)	6
3715	Research Thesis (for M.Phil Students only)	12

### 8.4 Special Education

**Spring, 2012**  
**Fresh Admission**

**Autumn, 2012**  
**2<sup>nd</sup> Semester**

<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>
3701	Trends and Issues in Education	3	3716	Advanced Study on Exceptionality-I	3
3705	Computer Applications in Education	3	3717	Advanced Study on Exceptionality-II	3
3706	Advanced Course on Educational Research & Statistics	3	3718	Career Planning & Rehabilitation-I	3
3709	Trends and Issues in Special Education	3	3719	Career Planning & Rehabilitation-II	3
<b>Makeup Courses (MA Level) for The students who are without MA/ MEd Special Education Degree</b>					
672	Perspectives of Special Education	3			
673	Handicapped Persons in the Community	3			
<b>6 Credit Hours Courses from Any Specialization Area</b>					
<b>a. Visual Impairment</b>					
677	Independence Training for the Visually Handicapped	3			
678	Special Education for the Visually Handicapped	3			
<b>OR</b>					
<b>b. Hearing Impairment Children</b>					
680	General Introduction to the Hearing Impairment	3			
681	Psychology of Deafness and Child Development	3			

**OR**

**c. Mental Retardation**

3603	Introduction and Assessment of Mentally Retarded Children-I	3
3604	Introduction and Assessment of Mentally Retarded Children -II	3

**OR**

**d. Physical Disabilities**

3607	Physical Handicaps-I	3
3608	Physical Handicaps-II	3

**3<sup>rd</sup> Semester**

1786	Research Project (for continuing students of MS programme)	6
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**8.5 Science Education**

**Spring, 2012**  
**Fresh Admission**

**Autumn, 2012**  
**2<sup>nd</sup> Semester**

<b><u>Code</u></b>	<b>Course Title</b>	<b><u>Cr. Hours</u></b>	<b><u>Code</u></b>	<b>Course Title</b>	<b><u>Cr. Hours</u></b>
3701	Trends and Issues in Education	3	6772	ICTs in Science Education	3
3705	Computer Applications in Education	3	6773	Teaching Models and Strategies in Science Education	3
3706	Advanced Course on Educational Research & Statistics	3	6774	Assessment and Evaluation in Science Education	3
6771	Trends and Issues in Science Education	3	6775	Curriculum Development in Science Education	3

**3<sup>rd</sup> Semester**

1786	Research Project (for continuing students of MS programme)	6
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**9. MS/MPhil Based Ph.D Programmes**

**9.1 Distance, Non-Formal & Continuing Education**

**Spring, 2012**  
**Fresh Admission**

**Autumn, 2012**  
**2<sup>nd</sup> Semester**  
**(Any 09 Credit)**

<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Cr. Hours</u></b>	<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Cr. Hours</u></b>
4774	Comparative Education	3	4771	Adult & lifelong Education	3
4775	Instrumentation in Educational Research	3	4773	Human Resource Management in Distance Education	3
4778	E-Learning	3	4776	Discourse Analysis	3
			4777	Emerging Trends in Pedagogy	3
			4783	Educational Leadership & Management	3
<b><u>3<sup>rd</sup> Semester</u></b>			<b><u>4<sup>th</sup> Semester</u></b>		
4786	Research Thesis (Student can take Research Thesis after fulfilling the requirements as per rules)	3	4786	Research Thesis (Continued)	3

**9.2 Secondary Teacher Education**

**Spring 2012**  
**Fresh Admission**

**2<sup>nd</sup> Semester**  
**Autumn, 2012**

<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Cr. Hours</u></b>	<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Cr. Hours</u></b>
4774	Comparative Education	3	4776	Discourse Analysis	3
4775	Instrumentation in Education Research	3	4777	Emerging Trends in Pedagogy	3
<b>Collateral Area courses any one of the following</b>					
4778	E-Learning	3	4782	Human Recourses Management	3
			4783	Educational Leadership & Management	3

<u>3<sup>rd</sup> Semester</u>		<u>4<sup>th</sup> Semester</u>	
4787	Research Thesis (Student can take Research Thesis after fulfilling the requirements as per rules)	3	4787 Research Thesis (Continued) 3

### 9.3 Educational Planning & Management

<u>Spring 2012</u> <u>Fresh Admission</u>		<u>Autumn 2012</u> <u>2<sup>nd</sup> Semester</u>			
<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>
4774	Comparative Education	3	4782	Human Resource Management	3
4775	Instrumentation in Educational Research	3	4783	Educational Leadership & Management	3
4778	E-Learning	3			
				<b>Collateral Areas Courses (Any 3 credit hours course)</b>	
4788	Research Thesis (Student can take Research Thesis after fulfilling the requirements as per rules)	3	4776	Discourse Analysis	3
			4777	Emerging Trends in Pedagogy	3

### 9.4 Special Education

<u>Spring 2011</u> <u>Fresh Admission</u>		<u>Autumn, 2011</u> <u>2<sup>nd</sup> Semester</u>			
<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr. Hours</u>
	<b>PhD Courses Work Common Courses</b>			<b>Specialization Courses</b>	
4774	Comparative Education	3	4780	Programming & Planning for Exceptional Youth	3
4775	Instrumentation in Educational Research	3	4781	Emerging Trends in Special Education	3
4778	E-Learning	3			
				<b>Collateral Area Courses (Any 3 Credit Hours Course)</b>	
			4776	Discourse Analysis	3

4777	Emerging Trends in Pedagogy	3
4783	Educational Leadership and Management	3

**3<sup>rd</sup> Semester**

**4<sup>th</sup> Semester**

4785	Research Thesis (Student can take Research Thesis after fulfilling the requirements as per rules)	3	4785	Research Thesis (Continued)	3
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**9.5 Science Education**

**Spring 2012**  
**Fresh Admission**

**Autumn, 2012**  
**2<sup>nd</sup> Semester**

<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Cr. Hours</u></b>	<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Cr. Hours</u></b>
4774	Comparative Education	3	6777	Professional Development	3
4775	Instrumentation in Educational Research	3	6779	Nature of Science in Science Education	3
4778	E-Learning	3			
	<b><u>3<sup>rd</sup> Semester</u></b>			<b>Collateral Area Course</b> <b>(Any One Course)</b>	
4789	Research Thesis (Student can take Research Thesis after fulfilling the requirements as per rules)		4782	Human Resource Management	3
			4783	Educational Leadership and Management	3

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# Faculty of Sciences

**Faculty Coordinator:**

**Mrs. Falak Amjad**

## C. Faculty of Sciences

Sr. No.	<u>Academic Programmes</u>	<u>New Admission</u>	<u>Required Credit/ Cr.Hrs</u>	<u>Programmes' Minimum Duration</u>
1.	<b>Course Certificate Programmes</b>			
1.1	<b>Open Tech Programme</b>	Spring & Autumn, 2012	Non Credit	One Semester
1.2	Professional Certificate Courses			
	1) Vocational Course	Spring & Autumn, 2012	Full Credit	One Semester
	2) Agricultural Courses	Spring & Autumn, 2012	Half Credit	One Semester
2.	<b>Secondary School Certificate (SSC) Programmes</b>			
2.1	General Group	For Continuing Students only	08 Credits	04 Semesters
3.	<b>Higher Secondary School Certificate (HSSC) Programmes</b>			
3.1	General Group	For Continuing Students only	08 Credits	04 Semesters
3.2	FSc Home Economics (only continuing students)	No New Admission	08 Credits	04 Semesters
3.3	FSc Family and Community Health (only continuing students)	No New Admission	08 Credits	04 Semesters
3.4	FSc Pre-Medical	Spring & Autumn, 2012	08 Credits	04 Semesters
3.5	FSc Pre-Engineering	Spring & Autumn, 2012	08 Credits	04 Semesters
4.	<b>Bachelor Programmes</b>			
4.1	General Group	Spring & Autumn, 2012	08 Credits	04 Semesters
4.2	BSc Vision Sciences (for Continuing Students only)	No New Admission	10 Credits	04 Semesters
4.3	BS Chemistry	Spring, 2012	132 Cr.Hrs	08 Semesters
4.4	BS Microbiology	Spring, 2012	133 Cr.Hrs	08 Semesters
4.5	BS (CS) programme	Autumn, 2012	140 Cr.Hrs	08 Semesters
5.	<b>Postgraduate Diploma &amp; Master Programmes</b>			
5.1	PGD in CS Through Online Mode	Spring, 2012	39 Cr.Hrs	02 Semesters
5.2	PGD in Dietetics For Dieticians	Autumn, 2012	31 Cr.Hrs	02 Semesters

5.3	PGD in Nutrition For Physicians	Autumn, 2012	31 Cr.Hrs	02 Semesters
5.4	PGD Environmental Design	Spring, 2012	30 Cr.Hrs	02 Semesters
5.5	CYP Postgraduate Diploma	Spring, 2012	42 Cr.Hrs	03 Semesters
5.6	MSc Community Health & Nutrition	Autumn, 2012	64 Cr.Hrs	04 Semesters
5.7	MSc Environmental Design	Spring, 2012	64 Cr.Hrs	04 Semesters
5.8	MSc Forestry Extension	Spring, 2012	60 Cr.Hrs	04 Semesters
5.9	MSc Physics	Spring, 2012	64 Cr.Hrs	04 Semesters
5.10	MSc Chemistry	Spring, 2012	64 Cr.Hrs	04 Semesters
5.11	MSc Mathematics	Spring, 2012	68 Cr.Hrs	04 Semesters
5.12	MSc Statistics	Spring, 2012	68 Cr.Hrs	04 Semesters

6.	<b>MPhil/MS/MSc (Hons) Programmes</b>			
6.1	MS (Computer Science)	Spring, 2012	24 Cr.Hrs Course Work + 12 Cr.Hrs Research & Thesis	04 Semesters
6.2	MSc (Hons) Rural Development	Spring, 2012	24 Cr.Hrs Thesis	04 Semesters
6.3	MSc (Hons) Livestock Management	Spring, 2012	24 Cr.Hrs Course Work + 12 Cr.Hrs Research & Thesis	04 Semesters
6.4	MSc (Hons) Agricultural Extension	Spring, 2012	-do-	04 Semesters
6.5	Statistics	Spring, 2012	-do-	04 Semesters
6.6	Physics	Spring, 2012	-do-	04 Semesters
6.7	Chemistry	Autumn, 2012	-do-	04 Semesters
6.8	Food & Nutrition	Autumn, 2012	-do-	04 Semesters

7.	<b>MPhil Based Ph.D Programmes</b>			
7.1	Computer Science (for Continuing Students only)	No New Admission		
7.2	Statistics	No New Admission	20 Cr.Hrs Course Work + Research	06 Semesters

7.3	Agricultural Extension	Spring, 2012	Work & Thesis 18 Cr.Hrs Course Work + Research Work & Thesis	06 Semesters
7.4	Chemistry	Autumn, 2012	-do-	06 Semesters
7.5	Food & Nutrition (for continuing students only)	No New Admission	-do-	06 Semesters

# **1. COURSES CERTIFICATE PROGRAMMES**

## **1.1 Open Tech Programme**

Open Tech programme is offered in Rawalpindi & Islamabad only

**Spring & Autumn, 2012**

<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Level</u></b>
047	Electrical Wiring	Level C/Grade III
048	Motor Winding	Level C/Grade III
049	Welding (Electric)	Level C/Grade III
050	Refrigeration and Air-conditioning	Level C/Grade III
067	Welding (Electric)	Level B/Grade II
069	Refrigeration and Air-conditioning	Level B/Grade II
070	Electrician	Level C/Grade III
073	Plumber	Level C/Grade III
079	Steel Fixture	Level C/Grade III
129	Computer Software & Hardware	Level C/Grade III
158	Quantity Surveyor/ Civil Draftsman	Level C/Grade III
159	Civil Surveyor	Level C/Grade III

## **1.2 Professional Certificate Courses**

### **1.2.1 Vocational Course**

**Spring & Autumn, 2012**

<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Credit</u></b>
200	Selling of Home Made Products	FC

### **1.2.2 Agricultural Courses**

**Spring & Autumn, 2012**

313	Dairy Husbandry	HC
326	Farm Income Generating Skills	HC
327	Farm Machinery	HC
328	Improved Methods of Oil Seed Crops	HC
329	Jadeed Zarat	HC
342	Improved Methods of Fruit Production	HC
349	Plant Protection	HC
211	Poultry Farming (Matric)	HC
219	Home & Farm Operations Management (Matric)	FC

## **2. Secondary School Certificate (SSC) Programmes**

**(For Continuing Students Only)**

**Spring & Autumn, 2012**

### **2.1 General Group**

<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Credit</u></b>
200	Selling of Home Made Products	FC
203	General Science	FC
206	Family Health and Care	HC
208	Garment Making-I	HC
209	General Home Economics	FC
210	Garment Making II	HC
211	Poultry Farming	HC
217	Food and Nutrition	HC
218	First Aid-I	HC
219	Home and Farm Operations Management	FC
220	First Aid-II	HC
222	Applied Food & Nutrition	HC
247	Math-I	HC
248	Math-II	HC

## **3. Higher Secondary School Certificate (HSSC) Programmes**

**(For Continuing Students Only)**

**Spring & Autumn, 2012**

### **3.1 General Group**

#### **Elective Courses**

<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Credit</u></b>
308	General Science	FC
313	Dairy Husbandry	HC
326	Farm Income Generating Skills	HC
327	Farm Machinery	HC

328	Improved Methods of Oil Seed Crops	HC
329	Jadeed Zarat	HC
330	Child Care & Development	HC
342	Improved Methods of Fruit Production	HC
345	Home Management and Home Furnishing	HC
349	Plant Protection	HC
355	Consumer Textile	HC
356	Food and Nutrition	HC
357	Health and Nutrition	HC
358	Apparel Design	HC
365	Health in Family and Community	HC
366	Action for Health	HC
394	Statistics-I	HC
395	Statistics-II	HC
1307	Mathematics-I	HC
1308	Mathematics-II	HC
1309	Mathematics-III	HC

### 3.2 HSSC (FSc) Home Economics

Spring & Autumn, 2012

Special Offering for Drop out and Reappear Students

<u>Code</u>	<u>Course Title</u>	<u>Credit</u>
317	Pakistan Studies*	HC
316	Islamiat	HC
	OR	
319	Ethics (for Non- Muslims)	
363	Urdu-I	HC
364	Urdu-II	HC
380	Chemistry-I	HC
383	Physics-I	HC

386	Compulsory English-I	HC
387	Compulsory English-II	HC
1305	Home Management and Home Furnishing	HC

\* Pakistan Studies (317) will be replaced with another Half Credit course as per revised policy subject to be approval of statutory bodies.

### **3.3 HSSC (FSc) Family & Community Health**

**Spring & Autumn, 2012**

**Special Offering for Drop out and Reappear Students**

<u>Code</u>	<u>Course Title</u>	<u>Credit</u>
305	Rural Development	HC
316	Islamiat	HC
317	Pakistan Studies	HC
363	Compulsory Urdu-I	HC
364	Compulsory Urdu-II	HC
365	Health in Family and Community	HC
366	Action for Health	HC
367	Human Biology and Health	HC
370	General Science for Health Workers	HC
380	Chemistry-I	HC
386	Compulsory English-I	HC
387	Compulsory English-II	HC
1304	Child Care & Development	HC

### **3.4 HSSC (FSc) Pre-Medical**

**Spring & Autumn, 2012**

<u>Code</u>	<u>Course Title</u>	<u>Credit</u>
<b><u>1<sup>st</sup> Semester</u></b>		
359	Understanding of Math, Stat & Computer	HC
377	Biology-I	HC
380	Chemistry-I	HC
383	Physics-I	HC
<b><u>2<sup>nd</sup> Semester</u></b>		
378	Biology-II	HC
381	Chemistry-II	HC
384	Physics-II	HC
386	Compulsory English-I	HC



### **3<sup>rd</sup> Semester**

363	Compulsory Urdu-I	HC
379	Biology-III	HC
382	Chemistry-III	HC
385	Physics-III	HC

### **4<sup>th</sup> Semester**

*317	Pakistan Studies	HC
364	Compulsory Urdu-II	HC
387	Compulsory English-II	HC
316	Islamiat /Ethics (for Non- Muslims)	HC

**\*This course will be replaced later on with another HC course as per revised policy subject to the approval of AIOU's Statutory Bodies.**

## **3.5 HSSC (FSc) Pre-Engineering Spring & Autumn, 2012**

<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Credit</u></b>
<b><u>1<sup>st</sup> Semester</u></b>		
359	Understanding of Math, Stat & Computer	HC
380	Chemistry-I	HC
383	Physics-I	HC
1307	Mathematics-I	HC
<b><u>2<sup>nd</sup> Semester</u></b>		
381	Chemistry-II	HC
384	Physics-II	HC
386	Compulsory English-I	HC
1308	Mathematics-II	HC
<b><u>3<sup>rd</sup> Semester</u></b>		
363	Compulsory Urdu-I	HC
382	Chemistry-III	HC
385	Physics-III	HC
1309	Mathematics-III	HC
<b><u>4<sup>th</sup> Semester</u></b>		
*317	Pakistan Studies	HC
364	Compulsory Urdu-II	HC

387	Compulsory English-II	HC
316	Islamiat /Ethics (for Non- Muslims)	HC

**\*This course will be replaced later on with another Half Credit course as per revised policy subject to the approval of AIOU's Statutory Bodies.**

## **4. Bachelor Programmes**

**Spring & Autumn, 2012**

### **4.1 Degree Courses (BA General)**

<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Credit</u></b>
482	Food Microbiology	HC
484	Food and Nutrition	HC
485	Health and Nutrition	HC
487	Child Development	HC
1429	Business Mathematics & Statistics-I	HC
1430	Business Mathematics & Statistics-II	HC
1421	Introduction to Environment	HC
1422	Environmental Pollution	HC

### **4.2 For Dropout Students of BSc Vision Sciences Spring & Autumn 2012**

<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Credit</u></b>
416	Islamiat	HC
	<b>OR</b>	
418	Ethics	HC
417	Pak-Studies	HC
498	Contact Lenses	HC
480	Low Vision	HC
494	Instruments Optics	HC
2429	Physical Optics & Geometrical Optics	HC
2430	Visual Optics	HC

2431	Clinical Refraction	HC
2432	Dispensing Optics	HC
2433	Orthoptics	FC
2434	Community Optometry	HC

### 4.3 BS (4 Years) Chemistry

<u>Spring 2012</u> <u>Fresh Admission</u>			<u>Autumn, 2012</u> <u>2<sup>nd</sup> Semester</u>		
<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
416	Islamiat	3(3+0)	1424	English-II (ODL)	3(3+0)
1423	English-I (ODL)	3(3+0)	3400	Fundamentals of Computer	4(3+1)
4401	Cell Biology Genetics & Evolution	4(3+1)	4402	Diversity of Plants	4(3+1)
4421	Inorganic Chemistry	4(3+1)	4422	Organic Chemistry	4(3+1)
4431	Pre-Calculus	3(3+0)	4433	Calculus-II	3(3+0)
 <u>3<sup>rd</sup> Semester</u>			 <u>4<sup>th</sup> Semester</u>		
417	Pakistan Studies (ODL)	3(3+0)	4405	Microbial Anatomy and Physiology	4(3+1)
1425	English III (ODL)	3(3+0)	4424	General Chemistry	4(3+1)
4403	Fundamentals of Microbiology	4(3+1)	4442	Environmental Pollution	4(3+1)
4423	Physical Chemistry	4(3+1)	451	Public Relations	3(3+0)
4443	Environmental Chemistry	4(3+1)			
 <u>5<sup>th</sup> Semester</u>			 <u>6<sup>th</sup> Semester</u>		
2575	Physical Chemistry-I	3(3+0)	2580	Physical Chemistry-II	3(3+0)
2576	Organic Chemistry-I	3(3+0)	2581	Organic Chemistry-II	3(3+0)
2577	Inorganic Chemistry-I	3(3+0)	2582	Inorganic Chemistry-II	3(3+0)
2573	Analytical Chemistry-I	3(3+0)	2578	Biochemistry-I	3(3+0)
2594	Mathematics for Chemists	2(2+0)	2596	Chemistry-Lab-II	4(0+4)
2595	Chemistry-Lab-I	4(0+4)			
 <u>7<sup>th</sup> Semester</u>			 <u>8<sup>th</sup> Semester</u>		
2585	Heterocyclic Chemistry	3(3+0)	2587	Chemistry of Natural Products	3(3+0)
2586	Stereochemistry of Organic Compounds	3(3+0)	2590	Special Organic Reactions	3(3+0)
			2591	Organic Synthesis	3(3+0)
2589	Spectroscopic Methods in	3(3+0)	2593	Research Project	6(0+6)

	Organic Chemistry	
2597	Advanced Organic Chemistry Lab-I	3(0+3)
2598	Advanced Organic Chemistry Lab-II	3(0+3)

#### **4.4 BS (4 Years) Microbiology**

<b><u>Spring 2012</u></b>			<b><u>Autumn, 2012</u></b>		
<b><u>Fresh Admission</u></b>			<b><u>2<sup>nd</sup> Semester</u></b>		
<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Cr.Hours</u></b>	<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Cr.Hours</u></b>
416	Islamiat	3(3+0)	1424	English-II (ODL)	3(3+0)
1423	English-I (ODL)	3(3+0)	3400	Fundamentals of Computer	4(3+1)
4401	Cell Biology Genetics & Evolution	4(3+1)	4402	Diversity of Plants	4(3+1)
4421	Inorganic Chemistry	4(3+1)	4422	Organic Chemistry	4(3+1)
4431	Pre-Calculus	3(3+0)	4433	Calculus-II	3(3+0)
<b><u>3<sup>rd</sup> Semester</u></b>			<b><u>4<sup>th</sup> Semester</u></b>		
417	Pakistan Studies	3(3+0)	4405	Microbial Anatomy and Physiology	4(3+1)
1425	English III (ODL)	3(3+0)	4434	Introductory Statistics	3(3+0)
4403	Fundamentals of Microbiology	4(3+1)	4445	Environmental Microbiology	4(3+1)
4441	Introduction to Environment	4(3+1)	451	Public Relation	3(3+0)
4469	Diversity of Animals (classification, Phylogeny and Organization)	4(3+1)			
<b><u>5<sup>th</sup> Semester</u></b>			<b><u>6<sup>th</sup> Semester</u></b>		
	Introductory Biochemistry	4(3+1)	2578	Biochemistry-I	3(3+0)
4406	Fermentation Technology	4(3+1)	4409	Human Physiology	4(3+1)
4407	Microbial Genetics	4(3+1)	4410	Soil Microbiology	4(3+1)
4408	Virology	4(3+1)	4411	Food and Dairy Microbiology	4(3+1)
<b><u>7<sup>th</sup> Semester</u></b>			<b><u>8<sup>th</sup> Semester</u></b>		
4412	Biotechnology	4(3+1)	4415	Immunology	4(3+1)
4413	Medical Microbiology	4(3+1)	4416	Molecular Mechanism of Anti Microbial Drugs	4(3+1)
1578	Research Methods	4	4417	Epidemiology	4(3+1)
4414	Genetic Engineering	4(3+1)	4418	Research Project	6

## 4.5 BS (CS) Programme

<u>Spring 2012</u> <u>2<sup>nd</sup> Semester</u>			<u>Autumn, 2012</u> <u>Fresh Admission</u>		
<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
114	Foreign Language (Arabic)	3(3+0)	417	Pakistan Studies	3(3+0)
	<b>OR</b>		1423	Compulsory English-I	3(3+0)
112	(French)		3400	Fundamentals of Computer	4(3+1)
416	Islamic Studies	3(3+0)	3401	Mathematics for Computing-I	4(4+0)
	<b>OR</b>		3404	Physics	4(4+0)
418	Ethics (for non Muslim only)				
920	Electronics	4(4+0)			
3402	Programming concepts	4(3+1)			
3403	Mathematics for Computing-II	4(4+0)			
<u>4<sup>th</sup> Semester</u>			<u>3<sup>rd</sup> Semester</u>		
3408	Data Structure	4(4+0)	3406	Discrete Mathematics	4(4+0)
3412	Research Methods	3(3+0)	3407	Programming Language-I	4(3+1)
3413	Data Communication	4(4+0)	3409	Digital Logic Design	4(4+0)
3453	Computer Organization & Assembly	4(3+1)	3447	Statistics & Probability	4(4+0)
3457	Management Theory & Practice	3(3+0)	3456	Business Communication	3(3+0)
<u>6<sup>th</sup> Semester</u>			<u>5<sup>th</sup> Semester</u>		
3414	Software Engineering-I	4(4+0)	903	Operating System	4(4+0)
3416	Computer Architecture	4(4+0)	3410	Database-I	4(3+1)
3418	Networking Design	3(3+0)	3415	Programming Language-III	4(3+1)
3451	Artificial Intelligence	3(3+0)	3466	Analysis & Design of Algorithms	3(3+0)
3452	Theory of Automata	3(3+0)	3477	Design Fundamentals	3(3+0)
<u>8<sup>th</sup> Semester</u>			<u>7<sup>th</sup> Semester</u>		
<u>Software Engineering (Specialization)</u>			<u>Software Engineering (Specialization)</u>		
3481	Design Patterns	3(3+0)	3461	Management Information System	3(3+0)
3482	Software Architecture	4(4+0)	3464	Object Oriented Analysis & Design	3(3+0)
3483	Software Quality & Testing	4(3+1)	3465	Software Engineering-II	3(3+0)
3475	Project	6(0+6)	3467	Database-II	3(3+0)
			3468	Compiler Construction	3(3+0)
	<b>OR</b>			<b>OR</b>	
	<u>Networking (Specialization)</u>			<u>Networking (Specialization)</u>	
3485	Distributed Computing	4(3+1)	3461	Management Information System	3(3+0)

3486	Wireless Networks	3(3+0)	System	
3487	Network Programming	3(2+1)	3468 Compiler Construction	3(3+0)
3475	Project	6(0+6)	3444 Network & System Administration	4(3+1)
			3476 Networking Strategy	3(3+0)
			3484 Data & Network security	3(3+0)

**Note: Maximum time limit for the completion of BS(CS) and other discontinued programmes (BCS/BS (IT)/BIT) is 07 years (w.e.f. the date of first registration of the student) in this programme.**

## **5. DIPLOMA & MASTER PROGRAMMES**

### **5.1 PGD (CS) through Online Mode**

<u>Spring 2012</u> <u>Fresh Admission</u>			<u>Autumn, 2012</u> <u>2<sup>nd</sup> Semester</u>		
<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
3575	Software Engineering	4(4+0)	3435	Visual Basics & Database Interface	4(3+1)
3576	Introduction to Computer Concepts	4(3+1)	3581	Data Structures & Applications	4(4+0)
3577	Programming in C/C++ Language	4(3+1)	3582	Internet Programming Language	4(3+1)
3578	Professional communication	3(3+0)	3583	Operating Systems Concepts	4(4+0)
3579	Database Application	4(3+1)	3584	Data Communications & Networks	4(4+0)

**Note:** Alternate courses against discontinued old courses of PGD (CS/IT) will be allowed and assigned as per approval of AIOU Academic Council.

### **5.2 PGD in Dietetics for Dietetician**

<u>Spring 2012</u> <u>2<sup>nd</sup> Semester</u>			<u>Autumn, 2012</u> <u>Fresh Admission</u>		
<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
859	Food Studies (Lab based practical are compulsory)	3(1+2)	861	Hospital Dietetics	3(2+1)
865	Institutional Management	3(2+1)	862	Community Nutrition	3(2+1)
866	Sociology of Food & Nutrition	3(2+1)	886	Health Promotion	3(2+1)
7503	Medical Sciences-I	3(3+0)	7501	An Introduction to Human Nutrition (Lab based practical are compulsory)	4(3+1)
7504	Medical Sciences-II	3(2+1)	7502	Applied Human Nutrition	3(2+1)

### 5.3 PGD in Nutrition for Physicians

<u>Spring 2012</u> <u>2<sup>nd</sup> Semester</u>			<u>Autumn, 2012</u> <u>Fresh Admission</u>		
<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
859	Food Studies (Lab based practical are compulsory)	3(1+2)	861	Hospital Dietetics	3(2+1)
865	Institutional Management	3(2+1)	862	Community Nutrition	3(2+1)
866	Sociology of Food & Nutrition	3(2+1)	886	Health Promotion	3(2+1)
7505	Nutritional Epidemiology	3(3+0)	7502	Applied Human Nutrition	3(2+1)
7506	Design of Nutritional Epidemiological Studies	3(2+1)	7501	An Introduction to Human Nutrition (Lab based practical are compulsory)	4(3+1)

### 5.4 PGD in Environmental Design

<u>Spring 2012</u> <u>Fresh Admission</u>			<u>Autumn, 2012</u> <u>2<sup>nd</sup> Semester</u>		
<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
1575	Introduction to Environmental Design	4(3+1)	1579	Evaluation of Built Environment for Physical Sustainability	3(3+0)
1576	Environmental Planning & Practice (Global & Pakistan Perspectives)	4(3+1)	1580	Environmental Aesthetics	3(3+0)
1577	Environmental Psychology	3(3+0)	1581	Gender and Environment	3(3+0)
1586	Dimensions of Sustainability	4(3+1)	1582	Appropriate Technologies for Building & Services	3(3+0)
			1584	Environmental Impact Assessment	3(3+0)

### 5.5 CYP Postgraduate Diploma

<u>Spring, 2012</u> <u>Fresh Admission</u>			<u>Autumn, 2012</u> <u>2<sup>nd</sup> Semester</u>		
<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
051	Commonwealth Values Informing CYP'S Youth in Development Work	3	056	Learning Process	3
052	Young People & Society	3	057	Management Skills	3
053	Principles & Practice of Youth in Development Work	3	058	Project Planning, Monitoring and Evaluation	3
054	Working with People in their Communities	3	059	Policy, Planning and Implementation	3
055	Gender and Development	3	060	Conflict Resolution Strategies & Skills	3

### 3<sup>rd</sup> Semester

#### (Continued Students)

061	Promoting Enterprise and Economic Development	3
062	Youth and Health	3
063	Sustainable Development and Environmental Issues	3
064	Population and Family life Education	3
065	Personality Development and Communication	3

### 5.6 MSc Community Health and Nutrition

#### Spring 2012 2<sup>nd</sup> Semester

#### Autumn, 2012 Fresh Admission

<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
859	Food Studies (Lab based practical are compulsory)	3(1+2)	861	Hospital Dietetics	3(2+1)
865	Institutional Management	3(2+1)	862	Community Nutrition	3(2+1)
866	Sociology of Food and Nutrition	3(2+1)	886	Health Promotion	3(2+1)
7503	Medical Sciences-I (for Dieticians)	3(3+0)	7501	An Introduction to Human Nutrition (Lab based practical are compulsory)	4(3+1)
7504	Medical Sciences-II	3(2+1)	7502	Applied Human Nutrition	3(2+1)
<b>OR</b>					
7505	Nutritional Epidemiology	3(3+0)			
7506	Design of Nutritional Epidemiological Studies (for Physicians)	3(2+1)			

#### 4<sup>th</sup> Semester

#### 3<sup>rd</sup> Semester

869	Research Thesis	12	7507	Food Microbiology (Lab based Practical are compulsory)	3(2+1)
7510	Biostatistics (use for one software for data analysis)	3(2+1)	7508	Food Biotechnology (Lab based Practical are compulsory)	4(3+1)
			7509	Research Methods (Mini research Project proposal development is Mandatory)	4(3+1)
			7511	Basics of Food Sciences	3(2+1)
			7512	Food Theory & Its Application (Lab based practical are Compulsory)	4(3+1)



**Note: Students enrolled in Old Scheme of studies (before Autumn 2008) will be offered same course as above. The new codes are mentioned against the old codes.**

	<u>Old Codes</u>	<u>Credit</u>		<u>New Codes</u>	<u>Cr.Hours</u>
858	Research Methods & Its Techniques	FC	7509	Research Methods	4(3+1)
			7510	Biostatistics	3(2+1)
860	Medical Sciences	FC	7503	Medical Sciences-I	3(3+0)
			7504	Medical Sciences-II	3(2+1)
863	Human Nutrition	FC	7501	An Introduction to Human Nutrition	4(3+1)
			7502	Applied Human Nutrition	3(2+1)
864	Design Concepts in Nutrition Epidemiology	FC	7505	Nutritional Epidemiology	3(3+0)
			7506	Design of the Nutritional Epidemiological Studies	3(2+1)
867	Food Science & Its Application	FC	7511	Basics of Food Sciences	3(2+1)
			7512	Food Theory and its Application	4(3+1)
868	Food Microbiology	FC	7507	Food Microbiology	3(2+1)
			7508	Food Biotechnology (Lab Based)	4(3+1)

## 5.7 MSc Environmental Design

### Spring 2012 Fresh Admission

### Autumn, 2012 2<sup>nd</sup> Semester

<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
1575	Introduction to Environmental Design	4(3+1)	1579	Evaluation of Built Environment for Physical Sustainability	3(3+0)
1576	Environmental Planning & Practice (Global & Pakistan Perspective)	4(3+1)	1580	Environmental Aesthetics	3(3+0)
			1581	Gender & Environment	3(3+0)
1577	Environmental Psychology	3(3+0)	1582	Appropriate Technologies for Building & Services-(Energy water supply)	3(3+0)
1586	Dimensions of Sustainability	4(3+1)	1584	Environmental Impact Assessment	3(3+0)

<u>3<sup>rd</sup> Semester</u>			<u>4<sup>th</sup> Semester</u>		
<u>18 Credit Hours</u>					
1578	Research Methods	4(3+1)	1594	Statistical Methods in	4(3+1)
1585	Ecological Design: Cities, Transport and Landscape	4(3+1)		Environmental Health	
1588	Building Evaluation Techniques	4(3+1)	1595	Research Thesis	12
1589	Environmental Issues in Work Place Design	4(3+1)			
1591	Environmental Considerations in Housing Design	3(2+1)			
	OR				
1593	Sustaining Culture and Design	2(2+0)			
	OR				
1599	Computer based Environmental Assessment of Buildings	3(1+2)			

### 5.8 MSc Forestry Extension

<u>Spring 2012</u>			<u>Autumn, 2012</u>		
<u>Fresh Admission</u>			<u>2<sup>nd</sup> Semester</u>		
<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
2501	Rangeland Management in Pakistan	3(3-0)	2511	Soil Conservation & Watershed Management	3(3-0)
2502	Tree Management	3(3-0)	2504	Research Methods	3(3-0)
2500	Principles of Rural Sociology-I	3(3-0)	794	Statistics	3(3-0)
2512	Principles of Rural Sociology-II	3(3-0)	2516	Environment and Forestry	3(3-0)
<u>3<sup>rd</sup> Semester</u>			<u>4<sup>th</sup> Semester</u>		
<u>For Continuing Students</u>			<u>For Continuing Students</u>		
2505	Diffusion of Innovations	3(3-0)	2503	Participatory Forestry	3(3-0)
2507	Forestry Extension Education	3(3-0)	2508	Economics of Forestry	3(3-0)
2510	Agro Forestry	3(3-0)	2509	Social & Community Forestry	3(3-0)
2514	Approaches of Rural Development	3(3-0)	2506	Mass Communication	3(3-0)
<u>For Continuing Students only</u>			<u>For Continuing Students only</u>		
798	Thesis	12	798	Thesis	12

## 5.9 MSc Physics

<u>Spring 2012</u> <u>Fresh Admission</u>			<u>Autumn, 2012</u> <u>2<sup>nd</sup> Semester</u>		
<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
751	Mathematical Methods in Physics-I	3	755	Mathematical Methods in Physics-II	3
752	Classical Mechanics & Relativity	3	756	Quantum Mechanics-I	3
753	Electronics-I	3	762	Laboratory for Electronics	4
766	Laboratory for General Physics	4	757	Electronics-II	3
2551	Atomic & Molecular Physics	3	769	Computational Physics	3
<u>3<sup>rd</sup> Semester</u>			<u>4<sup>th</sup> Semester</u>		
759	Quantum Mechanics-II	3	758	Lasers & Optics	3
760	Nuclear Physics	3	761	Solid State Physics	3
2565	Electromagnetic Theory-II	3	2559	Electronic Communication System	3
2553	Digital & Computer Hardware Electronics	3	2560	Advanced Digital & Computer Hardware Electronics	3
2556	Laboratory-VIII: Laboratory for Digital & Computer Hardware Electronics	2	2561	Laboratory VIII: Laboratory for Advanced Digital & Computer Hardware Electronics	3
			2566	Thermal & Statistical Physics	3

## 5.10 MSc Chemistry

<u>Spring 2012</u> <u>Fresh Admission</u>			<u>Autumn, 2012</u> <u>2<sup>nd</sup> Semester</u>		
<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
2575	Physical Chemistry-I	3(3+0)	2580	Physical Chemistry-II	3(3+0)
2576	Organic Chemistry-I	3(3+0)	2581	Organic Chemistry-II	3(3+0)
2577	Inorganic Chemistry-I	3(3+0)	2582	Inorganic Chemistry-II	3(3+0)
2573	Analytical Chemistry-I	3(3+0)	2578	Biochemistry-I	3(3+0)
2594	Mathematics for Chemists	2(2+0)	2596	Chemistry Lab-II	4(0+4)
2595	Chemistry Lab-I	4(0+4)			
<u>3<sup>rd</sup> Semester</u>			<u>4<sup>th</sup> Semester</u>		
2585	Heterocyclic Chemistry	3(3+0)	2587	Chemistry of Natural Products	3(3+0)
2586	Stereochemistry of Organic Compounds	3(3+0)	2590	Special Organic Reactions	3(3+0)
2589	Spectroscopic Methods in Organic Chemistry	3(3+0)	2591	Organic Synthesis	3(3+0)
2597	Advanced Organic Chemistry Lab I	3(0+3)	2593	Research Project	6(0+6)
2598	Advanced Organic Chemistry Lab-II	3(0+3)			

## 5.11 MSc Mathematics

<u>Spring 2012</u> <u>Fresh Admission</u>			<u>Autumn, 2012</u> <u>2<sup>nd</sup> Semester</u>		
<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
1520	Computer and Scientific Applications-C++	4(3+1)	1522	Linear Algebra	3(3+0)
1521	Topology	3(3+0)	1527	Complex Analysis	3(3+0)
1523	Advanced Calculus	3(3+0)	1528	Group Theory	3(3+0)
1524	Differential Geometry	4(3+1)	1529	Mechanics	4(3+1)
1525	Ordinary Differential Equations	3(3+0)	1530	Real Analysis	4(3+1)
<u>3<sup>rd</sup> Semester</u>			<u>4<sup>th</sup> Semester</u>		
1531	Numerical Methods (Matlab, Mathematica)	4(3+1)	1537	Operations Research	3(3+0)
1532	Partial Differential Equations	3(3+0)	1539	Combinatorics	3(3+0)
1533	Functional Analysis	4(4+0)	1542	Mathematical Statistics-II	3(3+0)
1534	Rings and Fields	3(3+0)	1546	Mathematical Modeling	4(4+0)
1538	Mathematical Statistics-I	3(3+0)	1550	Research Report	4(0+4)

## 5.12 MSc Statistics

<u>Spring 2012</u> <u>Fresh Admission</u>			<u>Autumn, 2012</u> <u>2<sup>nd</sup> Semester</u>		
<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
1551	Statistical Methods	3(3+0)	1556	Probability & Probability Distributions-II	3(3+0)
1552	Sampling Methods-I	3(3+0)	1557	Regression Analysis	4(3+1)
1553	Experimental Design-I	4(3+1)	1558	Sampling Methods-II	4(3+1)
1554	Probability & Probability Distributions-I	4(3+1)	1559	Experimental Design-II	3(3+0)
1555	Advanced Calculus	3(3+0)	1560	Linear Algebra	3(3+0)
<u>3<sup>rd</sup> Semester</u>			<u>4<sup>th</sup> Semester</u>		
1561	Statistical Inference (Estimation)	3(3+0)	1566	Statistical Inference (Testing of Hypotheses)	3(3+0)
1562	Econometrics	3(3+0)	1567	Applied Multivariate Analysis	3(3+0)
1563	Total Quality Management	4(3+1)	1568	Operations Research	3(3+0)
1564	Computer Programming (C&C++)	4(3+1)	1569	Data Analysis & Statistical Packages	4(2+2)
1565	Numerical Methods	3(3+0)	1570	Research Report	4(0-4)

## **6. MPhil/MS/MSc (Hons) PROGRAMMES**

### **6.1 MS in Computer Science**

#### **Spring 2012** **Fresh Admission**

#### **Autumn, 2012** **2<sup>nd</sup> Semester**

<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Cr.Hours</u></b>	<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Cr.Hours</u></b>
5700	Theory of Computation	3(3+0)	5703	Research Study	3(3+0)
5701	Advance Algorithm	3(3+0)		Elective-II Select from the list of	3(3+0)
5702	Distributed Systems	3(3+0)		Elective courses.	
	Elective-I Select from the list of	3(3+0)		Elective-III Select from the list of	3(3+0)
	Elective Courses			Elective courses.	
				Elective-IV Select from the list of	3(3+0)
				Elective courses.	

**Note:** The Department of Computer Sciences reserves the right to offer any of listed courses depending upon the available faculty/laboratory resources and viable student's enrollment

**Note:** The Department of Computer Sciences reserves the right to offer any of listed courses depending upon the available faculty/laboratory resources and viable student's enrollment

#### **List of Elective Courses**

#### **List of Elective Courses**

5704	Object Oriented Software Engineering	3(3+0)	5704	Object Oriented Software Engineering	3(3+0)
5705	Software Project Management	3(3+0)	5705	Software Project Management	3(3+0)
5706	Software Quality Assurance	3(3+0)	5706	Software Quality Assurance	3(3+0)
5707	Software Engineering Laboratory	3(0+3)	5707	Software Engineering Laboratory	3(0+3)
5708	Advance Topic in Software Engineering	3(3+0)	5708	Advance Topic in Software Engineering	3(3+0)
5715	Distributed Database	3(3+0)	5715	Distributed Database	3(3+0)
5716	Data Warehousing & Mining	3(3+0)	5716	Data Warehousing & Mining	3(3+0)
5717	Information System Security	3(3+0)	5717	Information System Security	3(3+0)
5718	Case Tools & Application	3(3+0)	5718	Case Tools & Application	3(3+0)
5719	Advance Topics in DBMS	3(3+0)	5719	Advance Topics in DBMS	3(3+0)
5725	Web Based Education System	3(3+0)	5725	Web Based Education System	3(3+0)
5726	Computer Aided Instructions	3(3+0)	5726	Computer Aided Instructions	3(3+0)
5727	Measurement of Learning	3(3+0)	5727	Measurement of Learning	3(3+0)
5728	Interactive Web Systems	3(3+0)	5728	Interactive Web Systems	3(3+0)
5729	Advance Topics in Computer Science Education	3(3+0)	5729	Advance Topics in Computer Science Education	3(3+0)
5735	Internet Service Planning	3(3+0)	5735	Internet Service Planning	3(3+0)
5736	E-Commerce Applications	3(3+0)	5736	E-Commerce Applications	3(3+0)
5737	Advance Topics in ITM	3(3+0)	5737	Advance Topics in ITM	3(3+0)

**Spring 2012**  
**3<sup>rd</sup> Semester**  
(For continuing students)

**Autumn, 2012**  
**4<sup>th</sup> Semester**  
(For continuing students)

	<b><u>Cr.Hours</u></b>		<b><u>Cr.Hours</u></b>
5745 Thesis	6(0+6)	5745 Thesis	6(0+6)

### 6.2 MSc (Hons) Rural Development

**Spring 2012**  
**Fresh Admission**

**Autumn, 2012**  
**2<sup>nd</sup> Semester**

<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Cr.Hours</u></b>	<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Cr.Hours</u></b>
1790	Sustainable Rural Development	3(3-0)	1794	NGO Management	3(3-0)
1791	Regenerating Agriculture	3(3-0)	1795	Research for Development	3(3-0)
1792	Rural Poverty Alleviation	3(3-0)	1796	Natural Resources	3(3-0)
1793	Human Resource Development	3(3-0)		Management	
			1797	Managing Projects in Rural Development	3(3-0)

**3<sup>rd</sup> Semester**

**4<sup>th</sup> Semester**

1798 Thesis	12	1798 Thesis	12
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### 6.3 MSc (Hons) Livestock Management

**Spring 2012**  
**Fresh Admission**

**Autumn, 2012**  
**2<sup>nd</sup> Semester**

<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Cr.Hours</u></b>	<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Cr.Hours</u></b>
774	Meat Production	3(2-1)	773	Small Ruminant Production	3(2-1)
780	Biochemistry	3(2-1)	775	Livestock Management Practices	3(2-1)
794	Statistics	3(3-0)	778	Dairy Production	3(2-1)
2501	Rangeland Management in Pakistan	3(3-0)	782	Livestock Industry	3(3-0)

**3<sup>rd</sup> Semester**

**4<sup>th</sup> Semester**

797 Thesis	12	797 Thesis	12
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## 6.4 MSc (Hons) Agricultural Extension

### Spring 2012 Fresh Admission

### Autumn, 2012 2<sup>nd</sup> Semester

<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
795	Agricultural Extension Education	3(3-0)	799	Adult Learning & Rural	3(3-0)
796	Extension Program Development	3(3-0)		Development	
2525	Evaluation Research	3(3-0)	1793	Human Resource Development	3(3-0)
2526	Agricultural Extension Systems	3(3-0)	2518	Scientific & Technical Writing in Agricultural Extension	3(3-0)
			2533	The Process & Strategies of Communication in Agricultural Extension	3(3-0)
<u>3<sup>rd</sup> Semester</u>			<u>4<sup>th</sup> Semester</u>		
2536	Thesis	12	2536	Thesis	12

## 6.5 MPhil Statistics

### Spring 2012 Fresh Admission

### Autumn, 2012 2<sup>nd</sup> Semester

<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
1732	Probability and Stochastic Process	3(3+0)	1735	Statistical Inference	3(3+0)
1733	Numerical Analysis	3(3+0)	1736	Research Methods	3(3+0)
1738	Linear Models	3(3+0)	1740	Multivariate Methods	3(3+0)
1739	Advanced Econometrics	3(3+0)	1741	Multivariate Analysis	3(3+0)
<u>3<sup>rd</sup> Semester</u> <b>For Continuing Students</b>			<u>4<sup>th</sup> Semester</u> <b>For Continuing Students</b>		
1737	Thesis	12	1737	Thesis	12

## 6.6 MPhil Physics

<u>Spring 2012</u> <u>Fresh Admission</u>			<u>Autumn, 2012</u> <u>2<sup>nd</sup> Semester</u>		
<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
1701	Mathematical Physics	3	<b>Following 08 courses will be offered by the department out which the student will chose any 04</b>		
1702	Advanced Quantum Mechanics	3			
1703	Electrodynamics	3			
1705	Atomic and Molecular Physics	3			
			1704	Computational Physics	3
			1710	Laser Physics	3
			1712	Plasma Physics	3
			1716	Nuclear Physics	3
			1720	Semiconductor Physics	3
			1722	Solid State Physics	3
			1727	Physics of Solar Cell	3
			1730	Renewable Energy Sources	3
<u>3<sup>rd</sup> Semester</u>			<u>4<sup>th</sup> Semester</u>		
1725	Thesis / Project / Dissertation during second year	12	1725	Thesis / Project / Dissertation during second year	12

## 6.7 MPhil Chemistry

<u>Spring, 2012</u> <u>2<sup>nd</sup> Semester</u>			<u>Autumn, 2012</u> <u>Fresh Admission</u>		
<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
1751	Advanced Organic Synthesis	3(3+0)	1751	Advanced Organic Synthesis	3(3+0)
1752	Advanced Stereochemistry	3(3+0)	1752	Advanced Stereochemistry	3(3+0)
1753	Natural Products	3(3+0)	1753	Natural Products	3(3+0)
1754	Reactive Intermediates in Organic Chemistry	3(3+0)	1754	Reactive Intermediates in Organic Chemistry	3(3+0)
1755	Organometallic Chemistry	3(3+0)	1755	Organometallic Chemistry	3(3+0)
1759	Structure Elucidation of Organic Compounds by Spectroscopy	3(3+0)	1759	Structure Elucidation of Organic Compounds by Spectroscopy	3(3+0)
1761	Organic Polymer Chemistry	3(3+0)	1761	Organic Polymer Chemistry	3(3+0)
1763	Chemistry of Primary Metabolites	3(3+0)	1763	Chemistry of Primary Metabolites	3(3+0)
1700	Medicinal Chemistry	3(3+0)	1700	Medicinal Chemistry	3(3+0)
1770	Plastic Materials	3(3+0)	1770	Plastic Materials	3(3+0)
<b>Any four {3(3+0) Credit Hours} courses out of the above mentioned theory courses will be offered, subject to the availability of expertise.</b>					
<u>4<sup>th</sup> Semester</u>			<u>3<sup>rd</sup> Semester</u>		
1760	Research Work & Thesis	12(0+12)	1760	Research Work & Thesis	12(0+12)



## 6.8 MPhil Food & Nutrition

<u>Spring, 2012</u> <u>2<sup>nd</sup> Semester</u>			<u>Autumn, 2012</u> <u>Fresh Admission</u>		
<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
1783	Food Analysis-I	3(3-1)	1781	Modern Nutrition in Health & Disease-I	3(3-0)
1784	Food Analysis-II	3(3-1)			
1787	Research Techniques in Health & Nutrition	3(3-1)	1782	Modern Nutrition in Health & Disease-II	3(3-1)
1788	Biostatistics	3(3-1)	1776	Dietetics Practice	3(3-1)
			1779	Computer Applications in Food & Nutrition	3(3-1)
<u>3<sup>rd</sup> Semester</u>			<u>4<sup>th</sup> Semester</u>		
1780	Thesis	12	1780	Research Thesis	12

## 7. MPhil BASED PhD PROGRAMME

### 7.1 Computer Science (For Continuing Students)

Autumn, 2012  
2<sup>nd</sup> Semester

<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
	Elective-IV	3(3+0)
	Elective-V	3(3+0)
	Elective-VI	3(3+0)

**Note:** The Department of Computer Science reserves the right to offer any of listed courses depending upon the available faculty/laboratory resources and viable student's enrollment.

#### List of Elective Courses

7701	Software Development: Tools & Processes	3(3+0)
7702	Advanced Database System Design	3(3+0)
7703	Advanced Data Mining	3(3+0)
7704	System Simulation	3(3+0)
7705	Internet Systems and Application	3(3+0)
7706	Topics in Video Computing	3(3+0)

7707	Image and Video Compression	3(3+0)
7708	Digital Image Processing	3(3+0)
7709	Multimedia Systems	3(3+0)
7710	Computer Animations in Education	3(3+0)
7711	Philosophy of Cognition	3(3+0)
7712	Educational Technology: Design and Evaluation	3(3+0)
7713	Topics in Machine Learning	3(3+0)
7714	Knowledge Engineering	3(3+0)
7715	PhD Research Seminar I / Research Paper I	Non Credit
7716	PhD Research Seminar II / Research Paper II	Non Credit

### 3<sup>rd</sup> Semester

#### **For Continuing Students**

5750 Thesis

6(0+6)

### 4<sup>th</sup> Semester

#### **For Continuing Students**

5750 Thesis

6(0+6)

## 7.2 Statistics

### Spring 2012

#### For Continuing Students only

#### PhD Course Work

<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
4761	Survival Analysis	3(3+0)
4762	Bayesian Inferential Statistics	3(3+0)
4763	Stochastic Processes	3(3+0)
4764	Seminar	1(1+0)
1747	Thesis	12

### Autumn, 2012

#### For Continuing Students only

#### PhD Course Work

<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
4765	Measure Theory	3(3+0)
4766	Response Surface Design	3(3+0)
4767	Recent Development in Statistics	3(3+0)
4764	Seminar	1(1+0)
1747	Thesis	12

## 7.3 Agricultural Extension

### Spring 2012

#### Fresh Admission

#### PhD Course Work

<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
1742	Application of Extension Methods	3(3-0)
2524	Agricultural Extension in Developing Countries	3(3-0)
2527	Communication Strategies in Agricultural Extension	3(3-0)

### Autumn, 2012

#### 2<sup>nd</sup> Semester

#### PhD Course Work

<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
1743	Community Development And Gender Issues	3(3-0)
1744	Special Topics	3(3-0)
2505	Diffusion of Innovation	3(3-0)

**For continuing Students**

1771 Thesis

12 1771 Thesis

**For continuing Students**

12

**7.4 Chemistry**

**Spring,2012**  
**2<sup>nd</sup> Semester**

<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Cr.Hours</u></b>
1756	Organic Photochemistry	3(3+0)
1757	Pericyclic Chemistry	3(3+0)
1758	Reaction Mechanism	3(3+0)
1762	Quantum Organic Chemistry	3(3+0)
1765	Advanced Nuclear Magnetic Resonance (NMR)	3(3+0)
1766	Special topics in Chemistry	3(3+0)
1767	Mass Spectrometry	3(3+0)
1768	Special Techniques in Organic Synthesis	3(3+0)
1769	Theoretical Aspects of Spectroscopy	3(3+0)
1799	Instrumental Methods of Analysis	3(3+0)

Any Three courses out of the above mentioned theory courses will be offered, subject to the availability of expertise.

**4<sup>th</sup> Semester**

1764 Research Work & Thesis 12(0+12)

**Autumn, 2012**  
**Fresh Admission**

<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Cr.Hours</u></b>
1756	Organic Photochemistry	3(3+0)
1757	Pericyclic Chemistry	3(3+0)
1758	Reaction Mechanism	3(3+0)
1762	Quantum Organic Chemistry	3(3+0)
1765	Advanced Nuclear Magnetic Resonance (NMR)	3(3+0)
1766	Special topics in Chemistry	3(3+0)
1767	Mass Spectrometry	3(3+0)
1768	Special Techniques in Organic Synthesis	3(3+0)
1769	Theoretical Aspects of Spectroscopy	3(3+0)
1799	Instrumental Methods of Analysis	3(3+0)

Remaining three courses (not offered in Spring, 2012 out of the above mentioned theory courses will be offered.

**3<sup>rd</sup> Semester**

1764 Research Work & Thesis 12(0+12)

**5<sup>th</sup> Semester**

1764 Research Work & Thesis 12(0+12)

**7.5 Food & Nutrition**

**Spring 2012**  
**3<sup>rd</sup> Semester**

<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Cr.Hours</u></b>
1785	Thesis	12

**Autumn 2012**  
**4<sup>th</sup> Semester**

<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Cr.Hours</u></b>
1785	Thesis	12

Note: Course work has been completed by all the students enrolled in Autumn 2009. No new admissions were made thereafter.

# Faculty of Social Sciences & Humanities

**Faculty Coordinator:**

**Muhammad Amjad Ali**

## **D. Faculty of Social Sciences and Humanities**

Sr. No.	Academic Programmes	New Admission	Required Credit	Programmes' Minimum Duration
1.	<b>Course Certificate Programmes</b>			
1.1	Functional/Non Credit	Spring & Autumn, 2012	Non Credit	01 Semester
1.2	Certificate in Librarianship	Spring & Autumn, 2012	02 Credits	01 Semester
2.	<b>Secondary School Certificate (SSC) Programme</b>			
2.1	General Group	For Continuing Students only	08 Credits	4 Semesters
3.	<b>Higher Secondary School Certificate (HSSC) Programmes</b>			
3.1	General Group	For Continuing Students only	08 Credits	4 Semesters
3.2	ICom (Commerce Group)	-do-	08 Credits	4 Semesters *
4.	<b>Bachelor Programmes</b>			
4.1	BA General Group	Spring & Autumn, 2012	08 Credits	4 Semesters
4.2	BBA Group	No New Admission	10 Credits	4 Semesters
4.3	BCom (Commerce Group)	Spring & Autumn, 2012	08 Credits	4 Semesters
4.4	Associate Degree	Spring & Autumn, 2012	69 Cr.Hrs	4 Semesters
4.5	Library & Information Sciences Group	Spring & Autumn, 2012	08 Credits	4 Semesters
4.6	Mass Communication Group	Spring & Autumn, 2012	08 Credits	4 Semesters
5.	<b>Postgraduate Diploma &amp; Master Programmes</b>			
5.1	Diploma TEFL	Spring, 2012	30 Cr.Hrs	02 Semesters
5.2	MA TEFL	Spring, 2012	60 Cr.Hrs	04 Semesters
5.3	MSc Economics	Autumn, 2012	60 Cr.Hrs	04 Semesters
5.4	PGD & MSc Mass Communication	Spring, 2012	60 Cr.Hrs	04 Semesters
5.5	Master of Business Administration (Duration 3 ½ Years)	Spring & Autumn, 2012	96-100 Cr.Hrs	07 Semesters
5.6	Master of Business Administration (Duration 2 ½ Years) (New Programme)	Spring & Autumn, 2012	66-70 Cr.Hrs	05 Semesters

\* Fresh offering of ICom programme is reflected under cluster scheme at Page No. 22

5.7	Master of Business Administration	No New Admission	60 Cr.Hrs	04 Semesters
5.8	MBA ( Banking & Finance)	No New Admission	60 Cr.Hrs	04 Semesters
5.9	MBA (IT)	No New Admission	72 Cr.Hrs	04 Semesters
5.10	Masters of Library and Information Sciences	Spring, 2012	60 Cr.Hrs	04 Semesters
5.11	MSc Sociology	Spring, 2012	60 Cr.Hrs	04 Semesters
5.12	MA Urdu	Autumn, 2012	60 Cr.Hrs	04 Semesters
5.13	MSc Pakistan Studies	Autumn, 2012	60 Cr.Hrs	04 Semesters
5.14	PGD Gender & Women Studies	Autumn, 2012	30 Cr.Hrs	02 Semesters
5.15	MSc Gender & Women Studies	Autumn, 2012	60 Cr.Hrs	04 Semesters
5.16	CoL MBA/MPA Programme for Executive	Spring &Autumn, 2012	90 Cr.Hrs	04 Semesters
5.17	M.Com (Accounting and Finance)	Spring & Autumn, 2012	72 Cr.Hrs	04 Semesters

6.	<b>MPhil/MS Programmes</b>		24 Cr.Hrs+ 6	
6.1	Iqbal Studies	Autumn, 2012	Cr.Hrs Research	04 Semesters
6.2	Urdu	<b>Spring, 2012</b>	-do-	04 Semesters
6.3	Mass Communication	Autumn, 2012	-do-	04 Semesters
6.4	Economics	Spring, 2012	-do-	04 Semesters
6.5	Pakistani Languages & Literature	Spring, 2012	-do-	04 Semesters
6.6	Management Sciences (New Programme)	Spring, 2012	24 Cr.Hrs+ 12 Cr.Hrs Research	03 Semesters

7.	<b>PhD Programmes (MPhil Based)</b>			
7.1	Iqbal Studies	Autumn, 2012	18 Cr.Hrs+ Thesis	06 Semesters
7.2	Pakistani Languages & Literature	Autumn, 2012	-do-	06 Semesters
7.3	Urdu	Autumn, 2012	-do-	06 Semesters
7.4	Mass Communication	Autumn, 2012	-do-	06 Semesters

## 1. COURSE CERTIFICATE PROGRAMMES

### 1.1 Functional /Non Credit

*Spring and Autumn, 2012*

<u>Code</u>	<u>Course Title</u>	<i>Credit</i>
111	Daftri Urdu for Federal Government Officers	Non Credit
112	French Online Certificate Course	Non Credit

### 1.2 Certificate in Librarianship

<u>Code</u>	<u>Course Title</u>	<i>Credit</i>
422	Organizing Library Resources	FC
423	Library Services	FC

## 2. Secondary School Certificate (SSC) Programmes

*(For Continuing Students Only)*

### 2.1 General Group

*Spring and Autumn, 2012*

#### Compulsory Courses

<u>Code</u>	<u>Course Title</u>	<i>Credit</i>
202	Pakistan Studies	FC
204	Urdu for Daily Use	FC
207	Compulsory English-I	HC
213	Sindhi (For Sindhi students only) in lieu of 204	FC
221	Compulsory English –II	HC

**Note:** Course 207 is pre-requisite course for course 221.

### **3. Higher Secondary School Certificate (HSSC) Programmes**

**(For Continuing Students Only)**

#### **3.1 General Group**

**Spring & Autumn, 2012**

##### *Compulsory Courses*

<u>Code</u>	<u>Course Title</u>	<i>Credit</i>
316	Islamic Studies OR	HC
319	Ethics (For Non-Muslim students only) in lieu of 316	HC
386	Compulsory English-I	HC
387	Compulsory English-II	HC
363	Urdu-I	HC
364	Urdu-II	HC
398	Sindhi+Easy Urdu-I (for Sindhi Students only) in lieu of 363	HC
399	Sindhi+Easy Urdu-II (for Sindhi Students only) in lieu of 364	HC

**363 is pre-requisite for course code 364 and 386 is pre-requisite for course code 387**

**398 is pre-requisite for course code 399**

##### Elective Courses

<u>Code</u>	<u>Course Title</u>	<i>Credit</i>
301	Daftri Urdu	HC
303	Iqbaliat	FC
317	Pakistan Studies	HC
305	Rural Development	HC
311	Book Keeping and Accountancy	FC
315	Economics	FC
321	Muslim History of Sub-Continent	FC
322	Secretarial Practice	HC
346	Principles of Commerce	FC
347	Banking	HC
371	Women Policing	FC
372	Criminology	FC
376	Human Rights	FC
388	<b>Penology</b>	FC



### 3.2 ICom (Intermediate of Commerce)

(All Courses are Compulsory)

<u>Code</u>	<u>Course Title</u>	<i>Credit</i>
398	Sindhi+Easy Urdu-I (for Sindhi Students only) in lieu of 363	HC
399	Sindhi+Easy Urdu-II (for Sindhi Students only) in lieu of 364	HC
311	Book Keeping & Accountancy	FC
316	Islamic Studies	HC
319	Ethics (For Non-Muslim students only) in lieu of 316	HC
315	Economics	FC
322	Secretarial Practice	HC
394	Statistics-I	HC
395	Statistics-II	HC
346	Principles of Commerce	FC
347	Banking	HC
360	Information, Technology & Applications	HC
386	Compulsory English-I	HC
387	Compulsory English-II	HC
363	Urdu-I	HC
364	Urdu-II	HC
	(i) 363 is pre-requisite for course code 364.	
	(ii) 386 is pre-requisite for course code 387.	
	(iii) 398 is pre-requisite for course code 399.	

## 4. Bachelor Programmes

### 4.1 BA General Group

Spring and Autumn, 2012

Compulsory Courses

<u>Code</u>	<u>Course Title</u>	<i>Credit</i>
417	<b><i>Pakistan Studies</i></b>	HC
416	<b><i>Islamic Studies</i></b>	HC
	<i>OR</i>	
418	Ethics (For Non-Muslim students only) in lieu of 416	HC
1423	Compulsory English-I	HC
1424	Compulsory English-II	HC
	Course code 1423 is pre-requisite for course code 1424.	

*Elective Courses*

<u>Code</u>	<u>Course Title</u>	<i>Credit</i>
402	Economics	FC
404	Urdu	FC
405	Iqbaliat	FC
406	Economics of Pakistan	FC
407	Modern Muslim World	FC
409	Commercial Geography	FC
411	Sociology-I	FC
412	Social & Cultural Anthropology	FC
413	Sociology-II	HC
422	Organizing Library Resources	FC
423	Library Services	FC
426	Pakistani Adab-II	FC
427	Pakistani Adab-I	HC
430	Principles of Journalism	FC
431	Reporting	HC
438	Principles of Accounting	HC
439	Advertising and Sales Promotion	HC
444	Advance Accounting	HC
445	History of Urdu Adab	FC
447	Marketing Management	HC
449	Magazine Journalism	HC
451	Public Relations	HC
452	Mass Communication	HC
453	Radio Broadcasting	HC
454	TV Broadcasting	HC
455	Book Editing	HC
456	Business Taxation	HC
460	Mercantile Law	HC
461	Advertising	HC
462	Cost Accounting	HC
463	Fundamentals of Business	HC
465	Population and Development	FC
466	History of Libraries with Reference to Pakistan	FC
467	Classification and Cataloguing	FC
470	Principles of Marketing	HC
481	Auditing	HC
1425	Basics of Technical Writing	HC
1426	English Literature	HC

**Note: Courses 422 and 423 are pre-requisite courses for 466 and 467 respectively.**

## 4.2 BBA Group

<u>Spring, 2012</u>			<u>Autumn, 2012</u>		
Left over courses for the students enrolled before Autumn 2010 Semester			Left over courses for the students enrolled before Autumn 2010 Semester		
<u>Code</u>	<u>Course Title</u>	<u>Credit</u>	<u>Code</u>	<u>Course Title</u>	<u>Credit</u>
1423	Compulsory English-I	HC	133	Business Statistics	HC
131	Micro Economics	HC	182	Financial Accounting	HC
134	Fundamentals of Accounting	HC	136	Business Communications	HC
135	Business Mathematics	HC	137	Management Theory & Practice	HC
3400	Fundamentals of Computers	HC	417	Pakistan Studies	HC

<u>Spring, 2012</u>			<u>Autumn, 2012</u>		
<u>3<sup>rd</sup> Semester</u>			<u>4<sup>th</sup> Semester</u>		
416	Islamic Studies	HC	185	Macro Economics	HC
418	Ethics (For Non-Muslim Students only) in lieu of 416	HC	187	Human Resource Management	HC
186	Cost Accounting	HC	190	Marketing Management	HC
138	Marketing Theory and Practice	HC	191	Financial Management	<u>HC</u>
			193	Entrepreneurship	HC
184	Computer Applications for Business	HC			
189	Banking Law & Practice	HC			

## 4.3 BCom Commerce Group Programme

### Spring and Autumn, 2012

#### Fresh Admission

<u>Code</u>	<u>Course Title</u>	<i>Credit</i>
1423	Compulsory English-I	HC
438	Principles of Accounting	HC
463	Fundamentals of Business	HC
416	Islamic Studies	HC
	<b>OR</b>	
418	Ethics (For Non-Muslim Students only) in lieu of 416	HC
	<u>2<sup>nd</sup> Semester</u>	
402	Economics	FC
460	Mercantile Law	HC

470	Principles of Marketing		HC
	<b>OR</b>		
3400	Fundamentals of Computers		HC
<b><u>3<sup>rd</sup> Semester</u></b>			
1424	Compulsory English-II		HC
417	Pakistan Studies		HC
444	Advanced Accounting		HC
1429	Business Mathematics		HC
<b><u>4<sup>th</sup> Semester</u></b>			
462	Cost Accounting		HC
456	Business Taxation		HC
481	Auditing		HC
1430	Business Statistics		HC

#### 4.4 Associate Degree

(Accounting & Finance and Banking & Finance)

**Spring, 2012**  
**Fresh Admission**

**Autumn, 2012**  
**Fresh Admission**

<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
5401	Principles of Accounting	3	5401	Principles of Accounting	3
5402	Fundamentals of Business	3	5402	Fundamentals of Business	3
5403	Basics of Information & Communication Technology (ICT)	3	5403	Basics of Information & Communication Technology (ICT)	3
416	Islamic Studies	3	416	Islamic Studies	3
	<b>OR</b>			<b>OR</b>	
418	Ethics (For Non-Muslim Students only) in lieu of 416	3	418	Ethics (For Non-Muslim Students only) in lieu of 416	3
5404	Compulsory English-I	3	5404	Compulsory English-I	3

**2<sup>nd</sup> Semester**

**2<sup>nd</sup> Semester**

<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
5405	Applied Math for Business & Social Sciences	3	5405	Applied Math for Business & Social Sciences	3
5406	Micro Economics	3	5406	Micro Economics	3
5407	Principle of Marketing	3	5407	Principle of Marketing	3
417	Pakistan Studies	3	417	Pakistan Studies	3
5408	Introduction to Business Finance	3	5408	Introduction to Business Finance	3
5409	Business Communication	3	5409	Business Communication	3

3<sup>rd</sup> Semester

5410	Cost Accounting	3
5411	Compulsory English-II	3
5412	Statistics for Management	3
5413	Business Law	3
5414	Principles of Management	3
5415	Sociology	3

**4.5 Library and Information Sciences Group**

**Spring and Autumn, 2012**

**Compulsory Courses**

<u>Code</u>	<u>Course Title</u>	<u>Credit</u>
416	Islamic Studies	HC
	<b>OR</b>	
418	Ethics (For Non-Muslim Students Only) in lieu of 416	HC
417		HC
	<b><i>Pakistan Studies</i></b>	
422*	Organizing Library Resources	FC
423*	Library Services	FC
1423	Compulsory English-I	HC
1424	Compulsory English-II	HC
466	History of Libraries with Reference to Pakistan	FC
467	Classification and Cataloguing	FC

\* 422 and 423 are pre-requisite for 466 & 467 respectively and 1423 is pre-requisite for 1424.

**Elective Courses**

*(Any Two Full Credits)*

<u>Code</u>	<u>Course Title</u>	<u>Credit</u>
404	Urdu	FC
419	Education	FC
427	Pakistani Adab-I	HC
431	Reporting	HC
451	Public Relations	HC
452	Mass Communication	HC
455	Book Editing	HC

461 Advertising HC

#### **4.6 Mass Communication Group**

**Spring and Autumn, 2012**

##### **Compulsory Courses**

<u>Code</u>	<u>Course Title</u>	<u>Credit</u>
416	<b><i>Islamic Studies</i></b>	HC
	<i>OR</i>	
418	Ethics (For Non-Muslim Students Only) In lieu of 416	HC
417	Pakistan Studies	HC
430	Principles of Journalism	FC
431	Reporting	HC
1423	Compulsory English-I	HC
1424	Compulsory English-II	HC
451	Public Relations	HC
452	Mass Communication	HC
453	Radio Broadcasting	HC
454	TV Broadcasting	HC
461	<b><i>Advertising</i></b>	HC

**Course 1423 is pre-requisite for 1424.**

##### **Elective Courses** **(Any Two Full Credits)**

422	Organizing Library Resources	FC
423	Library Services	FC
427	Pakistani Adab-I	HC
449		HC
	<b><i>Magazine Journalism</i></b>	
455	Book Editing	HC

## **5. POST-GRADUATE DIPLOMA & MASTER PROGRAMMES**

### **5.1 Diploma TEFL**

**Spring, 2012**

**Autumn, 2012**  
**2<sup>nd</sup> Semester**

#### **Fresh Admission**

<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Cr.Hours</u></b>	<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Cr.Hours</u></b>
5655	Psycholinguistics and Language Teaching Methodology	3	5659	The Language Skills-I	3
			5660	The Language Skills-II	3
			5661	EFL in the Classroom-I	3
5656	Sociolinguistics	3	5662	EFL in the Classroom-II	3
5657	Grammar	3	5663	Workshop	6
5658	Phonology	3			

### **5.2 MA TEFL**

**Spring, 2012**  
**Fresh Admission**

**Autumn, 2012**  
**2<sup>nd</sup> Semester**

<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Cr.Hours</u></b>	<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Cr.Hours</u></b>
5664	Educational Psychology and the Management of Learning	3	5667	English for Specific Purposes	3
			5668	Modern Grammatical Theory	3
			5670	Thesis	12
5665	Language Variation & Stylistics	3			
5666	Semantics & Discourse Analysis	3			
5669	Research Methodology	3			
5663	Workshop (to be offered only if sizeable group is formed)				

### **5.3 MSc Economics**

**Spring, 2012**  
**2<sup>nd</sup> Semester**

**Autumn, 2012**  
**3<sup>rd</sup> Semester**

<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Cr.Hours</u></b>	<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Cr.Hours</u></b>
805	Advanced Microeconomics	3	810	Economic Planning: Techniques and Applications	3
806	Advanced Macroeconomics	3			
807	Basic Econometrics	3	811	Monetary Theory and Policy	3
4671	Development Economics-I	3	4673	International Economics-I	3
4672	Development Economics-II	3	4674	International Economics-II	3

4675	Islamic Economics-I	3
4676	Islamic Economics-II	3

**4<sup>th</sup> Semester**

**Students can select any four courses (each 3 credit hours) from the following**

814	Thesis	12
<b>OR</b>		
569	Project Appraisal	3
524	Research Methods and Techniques	3
6565	Economics & Financing of Education-I	3
6566	Economics & Financing of Education-II	3
6569	Educational Research & Statistics-I	3
6570	Educational Research & Statistics-II	3

**Fresh Admission**

801	Introduction to Microeconomics	3
802	Introduction to Macroeconomics	3
803	Mathematics for Economists	3
804	Statistics for Economists	3
808	Public Finance and Fiscal Policy	3

**5.4 Post-Graduate Diploma & MSc Mass Communication**

**Spring, 2012**  
**Fresh Admission**

**Autumn, 2012**  
**2<sup>nd</sup> Semester**

<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
5625	Print Media-I	3	5631	Mass Communication-I	3
5626	Print Media-II	3	5632	Mass Communication-II	3
5627	Electronic Media-I	3	964	Language Skills & Communicative Abilities	3
5628	Electronic Media-II	3	965	Development Support Communication	3
5629	Research Methods	3	5633	National & International Current Affairs-I	3
5630	Research Methods	3	5634	National & International Current Affairs-II	3

**3<sup>rd</sup> Semester**

**4<sup>th</sup> Semester**

5635	Mass Communication Theories Part-I	3	5639	Social Psychology -I	3
5636	Mass Communication Theories Part-II	3	5640	Social Psychology -II	3
5637	Basis Concepts in Social Sciences Part-I	3	967	Advertising	3
5638	Basis Concepts in Social Sciences Part-II	3	968	Public Relations	3
			<b>OR</b>		
			970	Thesis	6



## 5.5 Master of Business Administration

(Duration 3 ½ Years)

Spring, 2012  
Fresh Admission

Autumn, 2012  
Fresh Admission

<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
8501	Financial Accounting	3	8501	Financial Accounting	3
8502	Human Resource Management	3	8502	Human Resource Management	3
8504	Basics of Technical English	3	8504	Basics of Technical English	3
8506	Management Theory & Practice	3	8506	Management Theory & Practice	3
8507	Management Information Systems	3	8507	Management Information Systems	3

2<sup>nd</sup> Semester

2<sup>nd</sup> Semester

8507	Management Information Systems	3	8508	Managerial Accounting	3
8508	Managerial Accounting	3	8509	Production & Operations Management	3
8509	Production & Operations Management	3	8510	Business Research	3
8510	Business Research	3	8511	Marketing Management	3
8511	Marketing Management	3	8532	Business Mathematics & Statistics	3
8532	Business Mathematics & Statistics	3			

3<sup>rd</sup> Semester

8513	Financial Management	3
8514	Business and Labor Laws	3
8515	Consumer Behavior	3
8516	Project Management	3
8517	Organizational Behavior	3

## 5.6 Master of Business Administration

(Duration 2 ½ Years) (New Programme)

Spring, 2012  
Fresh Admission

Autumn, 2012  
Fresh Admission

<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
8501	Financial Accounting	3	8501	Financial Accounting	3
8502	Human Resource Management	3	8502	Human Resource Management	3
8506	Management Theory &	3	8506	Management Theory &	3

	Practice			Practice	
8511	Marketing Management	3	8511	Marketing Management	3
8532	Business Mathematics & Statistics	3	8532	Business Mathematics & Statistics	3

**2<sup>nd</sup> Semester**

***Core Courses***

8513	Financial Management	3
8522	Managerial Economics	3

***HRM Courses***

8518	Human Resource Development	3
8519	Training and Development	3
8520	Compensation Management	3
8521	Leadership and Team Management	3

***B&F Courses***

8523	Commercial & Investment Banking	3
8524	Corporate Finance	3
8525	Financial Markets and Institutions	3
8551	Analysis of Financial Management	3

***Marketing Courses***

8527	International Marketing	3
8528	Marketing of Services	3
8529	E-Marketing	3
8530	Distribution Channels	3

***IT Courses***

903	Operating System	4(3+1)
3471	Introduction to E-Business	4(3+1)
3414	Software Engineering-I	4(3+1)
3446	Web Design Tools	4(3+1)

**5.7 Master of Business Administration  
(Through Distance Education)**

**Spring, 2012**

**Left over courses for the students enrolled before Autumn 2010 Semester**

<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
522	Economic Analysis	3
525	Business Communications	

**Autumn, 2012**

**Left over courses for the students enrolled before Autumn 2010 Semester**

<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
523	Business Mathematics & Statistics	3

526	Management Theory and Practice	3
528	Financial Accounting	3
561	Marketing Theory and Practice	3

**3<sup>rd</sup> Semester**

562	Financial Management	3
565	Organizational Behavior	3
887	Business Policy and Strategy	3
890	Total Quality Management	3
891	Management Information Systems	3

**Offering of Left Over Courses**

524	Business Research	3
569	Project Management	3

524	Business Research	3
527	Human Resource Management	3
566	Computers Application for Business	3
568	Cost & Management Accounting	3

**4<sup>th</sup> Semester**

**Students are required to select any one group of four courses from the following package of specializations.**

**A. Specialization in Marketing Management**

569	Project Management	3
573	Marketing Management	3
574	International Marketing	3
575	Advertising & Sales Promotion	3
576	Marketing Research	3

**B. Specialization in Human Resource Management**

569	Project Management	3
819	Training and Development	3
821	Labour Management Relations	3
823	Compensation Management	3
824	Business and Labour Laws	3

**C. Specialization in Financial Management**

577	Investment & Securities Management	3
569	Project Management	3
579	Corporate Finance	3
898	Banking Laws & Practice	3
530	Taxation Management	3

**Leftover students enrolled Before Spring 2005**

578	International Finance	3
580	Auditing	3
815	Database Management	3
816	Systems Analysis and Design	3

**5.8 MBA Banking & Finance**  
(Face to Face Teaching Through Approved Study Centres)

<u>Spring, 2012</u>			<u>Autumn, 2012</u>		
Left over courses for the students enrolled before Autumn 2010 Semester			Left over courses for the students enrolled before Autumn 2010 Semester		
<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
5525	Economic Analysis	3	5524	Management Information Systems	3
5530	Business Communications	3	5528	Business Mathematics & Statistics	3
5531	Management Theory & Practice	3	5529	Business Research	3
5533	Financial Accounting	3	5532	Human Resource Management	3
5534	Marketing Theory & Practice	3	5538	Cost & Management Accounting	3
<u>3<sup>rd</sup> Semester</u>			<u>4<sup>th</sup> Semester</u>		
5522	Business Policy & Strategy	3	5526	Taxation Management	3
5535	Financial Management	3	5540	Investment & Securities Management	3
5539	Project Management	3	5542	Corporate Finance	3
5544	Credit Management	3	5545	Auditing	3
5547	Business & Labour Laws	3	5548	Banking Laws & Practice	3
5528	Business Math & Statistics	3	5525	Economic Analysis	3
5538	Cost & Management Accounting	3	5535	Financial Management	3

**5.9 MBA (IT)**  
(Face to Face Teaching Through Approved Study Centres)

<u>Spring, 2012</u>			<u>Autumn, 2012</u>		
Left over courses for the students enrolled before Autumn 2010 Semester			Left over courses for the students enrolled before Autumn 2010 Semester		
<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
3422	Introduction to Computer Concepts	3	3427	Internet Programming Languages	3
5528	Business Math & Statistics	3	5525	Economic Analysis	3
5530	Business Communications	3	5529	Business Research	3
5531	Management Theory & Practice	3	5532	Human Resource Management	3
5533	Financial Accounting	3	5534	Marketing Theory & Practice	3
<u>3<sup>rd</sup> Semester</u>			<u>4<sup>th</sup> Semester</u>		
<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
5521	Marketing Management	3	5535	Financial Management	3
3426	Database Applications	3	5546	Systems Analysis and Design	3
3429	Data Communications & Network	3	5523	Total Quality Management	3
5538	Cost & Management Accounting	3	3428	Operating Systems	3

5547 Business & Labour Laws	3	3461 Management Information Systems	3
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**5<sup>th</sup> Semester**

5539 Project Management	3
3471 Introduction to E-Business	3
3475 Software Project	6

**Offering of Leftover Courses**

5525 Economic Analysis	3
5530 Business Communications	3
5531 Management Theory & Practice	3
5533 Financial Accounting	3
5534 Marketing Theory & Practice	3
5535 Financial Management	3

**Offering of Leftover Courses**

5525 Economic Analysis	3
5528 Business Mathematics & Statistics	3
5534 Marketing Theory & Practice	3
5538 Cost & Management Accounting	3

**For the students first time enrolled before  
Spring 2005 semester**

525 Business Communications	3
526 Management Theory & Practice	3
528 Financial Accounting	3
561 Marketing Theory & Practice	3
562 Financial Management	3
890 Total Quality Management	3
897 Analysis of Financial Statements	3
3420 Software Engineering	3
3430 Windows and Unix	3
3507 Management Information Systems	3
3522 E-Commerce Applications	3
3419 Software Project	3

**For the students first time enrolled before  
Spring 2005 semester**

523 Business Mathematics & Statistics	3
569 Project Management	3
573 Marketing Management	3
816 Systems Analysis & Design	3
824 Business & Labour Laws	3
3420 Software Engineering	3
3430 Windows and Unix	3
3507 Management Information Systems	3
3522 E-Commerce Applications	3

**5.10 Master of Library & Information Sciences (MLIS)**

**Spring, 2012**

**Autumn, 2012  
2<sup>nd</sup> Semester**

**Fresh Admission**

<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
5500	Foundation of Librarianship	3	5505	Collection Development	3
5501	Introduction to Library & Information Sciences	3	5641	Management of Libraries & Information Centres-I	3

5502	Information Sources & Services	3	5642	Management of Libraries & Information Centres-II	3
5503	Classification: Theory & Practice	3	5643	Library Automation, Information Storage & Retrieval-I	3
5504	Cataloguing: Theory and Practice	3	5644	Library Automation, Information Storage & Retrieval-II	3
<b><u>3<sup>rd</sup> Semester</u></b>			<b><u>4<sup>th</sup> Semester</u></b>		
5645	Resource Sharing and Networking-I	3	5651	Public Records, Rare Material & Their Conservation-I	3
5646	Resource Sharing and Networking-II	3	5652	Public Records, Rare Material & Their Conservation-II	3
5647	Advanced Technical Operations-I	3	5653	Management of Serial Publications-I	3
5648	Advanced Technical Operations-II	3	5654	Management of Serial Publications-II	3
5649	Research Methods & Techniques for Librarians-I	3	<b>OR</b>		
5650	Research Methods & Techniques for Librarians-II	3	5520	Thesis	12

### 5.11 MSc Sociology

<b><u>Spring, 2012</u></b>			<b><u>Autumn, 2012</u></b>		
<b><u>Fresh Admission</u></b>			<b><u>2<sup>nd</sup> Semester</u></b>		
<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Cr.Hours</u></b>	<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Cr.Hours</u></b>
4681	Introduction to Sociology: Culture and Society	3	4686	Introduction to Sociology: Social Change and Social Institutions	3
4682	Sociological Theory-I	3	4687	Sociological Theory-II	3
4683	Methods of Social Research: Research Process	3	4688	Methods of Social Research: Tools of Data Collection	3
4684	Population Studies	3	4689	Social Statistics	3
4685	Sociology of Gender Issues: Theoretical Background	3	4690	Sociology of Gender Issues: Gender Dynamics	3
<b><u>3<sup>rd</sup> Semester</u></b>			<b><u>4<sup>th</sup> Semester</u></b>		
4695	Sociology of Child Rights & Child Development	3	4696	Introduction to Social Work: Methods in Social Work	3
4691	Sociology of Deviance: Theoretical Explanation	3	4697	Fields of Social Work	3
4692	Deviance, Social Control and Issues of Delinquency	3	5639	Social Psychology-I	3
			5640	Social Psychology-II	3
			<b>OR</b>		
4693	Sociology of Development: Meaning and Explanation	3	5561	Thesis	12

4694	Issues in Development	3
4698	Population Dynamics	3

### 5.12 MA Urdu

<u>Spring, 2012</u>			<u>Autumn, 2012</u>		
<u>2<sup>nd</sup> Semester</u>			<u>Fresh Admission</u>		
<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
5605	Urdu Criticism-I	3	5601	History of Urdu Adab-I	3
5606	Urdu Criticism-II	3	5602	History of Urdu Adab-II	3
5607	Urdu Poetry-I	3	5603	Urdu Fiction-I	3
5608	Urdu Poetry-II	3	5604	Urdu Fiction-II	3
<u>4<sup>th</sup> Semester</u>			<u>3<sup>rd</sup> Semester</u>		
5615	Urdu Literature in Pakistani Period-I	3	5609	Styles in Urdu Prose-I	3
5616	Urdu Literature in Pakistani Period-II	3	5610	Styles in Urdu Prose-II	3
<b>Following are Elective courses, from which the students have to select any four. It is necessary for the students to select a complete set, i.e. in the selection of Arabic, he/she will study two courses of Arabic. He/She can not study a course from Arabic and other from Persian.</b>			5611	Specific Study of Mir & Ghalib-I	3
			5612	Specific Study of Mir & Ghalib-II	3
			5613	Specific Study of Allama Iqbal-I	3
			5614	Specific Study of Allama Iqbal-II	3
5617	Literature of Pakistani Languages-I	3			
5618	Literature of Pakistani Languages-II	3			
5619	Arabic Language and Literature-I	3			
5620	Arabic Language and Literature-II	3			
5621	Persian Language and Literature-I	3			
5622	Persian Language and Literature-II	3			
5623	Journalism-I	3			
5624	Journalism-II	3			

### 5.13 MSc Pakistan Studies

<u>Spring, 2012</u> <u>2<sup>nd</sup> Semester</u>			<u>Autumn, 2012</u> <u>3<sup>rd</sup> Semester</u>		
<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
4659	Economic Development in Pakistan-I	3	4663	Pakistani Society & Culture-I	3
4660	Economic Development in Pakistan-II	3	4664	Pakistani Society & Culture-II	3
4661	Foreign Policy of Pak-I	3	4665	Research Methods-I	3
4662	Foreign Policy of Pak-II	3	4666	Research Methods-II	3
537	Ideological Foundations of Pakistan	3	541	Social Change	3
<u>4<sup>th</sup> Semester</u>			<u>Fresh Admission</u>		
4667	Political & Constitutional Development in Pakistan-I	3	4655	Geography of Pakistan-I	3
4668	Political & Constitutional Development in Pakistan-II	3	4656	Geography of Pakistan-II	3
4669	Social Theory-I	3	4657	Pakistani Languages & Literature-I	3
4670	Social Theory-II	3	4658	Pakistani Languages & Literature-II	3
545	Political Parties & Pressure Groups in Pakistan	3	538	Genesis of Pakistan Movement	3

### 5.14 Post Graduate Diploma Gender and Women Studies

<u>Spring, 2012</u> <u>2<sup>nd</sup> Semester</u>			<u>Autumn, 2012</u> <u>Fresh Admission</u>		
<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
4645	Research Methods in Gender Studies	3	4641	Psychology of Gender	3
4646	Applied Statistics in Gender Studies	3	4642	Lifespan Development of Women: Psychosocial Context	3
4647	Feminist Debates on Gender Inequalities	3	4643	Pakistani Khawateen Ka Sheiri Adab main Kirdar	3
4648	Feminism in Islam	3	4644	Pakistani Khawateen Ka Nasri Adab main Kirdar	3
4682	Sociological Theory-I	3			
4685	Sociology of Gender Issues: Theoretical Background	3			



### 5.15 MSc Gender and Women Studies

<u>Spring, 2012</u> <u>2<sup>nd</sup> Semester</u>			<u>Autumn, 2012</u> <u>Fresh Admission</u>		
<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
4645	Research Methods in Gender Studies	3	4641	Psychology of Gender	3
4646	Applied Statistics in Gender Studies	3	4642	Lifespan Development of Women: Psychosocial Context	3
4647	Feminist Debates on Gender Inequalities	3	4643	Pakistani Khawateen Ka Sheiri Adab main Kirdar	3
4648	Feminism in Islam	3	4644	Pakistani Khawateen Ka Nasri Adab main Kirdar	3
4682	Sociological Theory-I	3			
4685	Sociology of Gender Issues: Theoretical Background	3			
<u>4<sup>th</sup> Semester</u>			<u>3<sup>rd</sup> Semester</u>		
874	Women & Media	3	4651	Gender & Development	3
877	Women & Health	3	4652	Women & Development	3
878	Gender & Environment	3	4653	Perspectives of Gender Studies	3
880	Perspectives of Women Rights In Islam	3	4654	Pakistani Perspectives of Gender Studies	3
	<b>OR</b>		4687	Sociological Theory-II	3
900	Thesis	12	876	Changing Role of Urban Women	3

### 5.16 COL MBA/MPA Programmes for Executives Spring & Autumn, 2012

#### COL MBA/MPA Programme for Executives

##### Fresh Admission

<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
5564	Quantitative Techniques	6
5565	Marketing Management	6
5566	Accounting & Finance	6
5571	Economic Environment for Business	6

**2<sup>nd</sup> Semester**  
**MBA/MPA**

<b><u>Code</u></b>	<b><u>Course Title</u></b>	<b><u>Cr.Hours</u></b>
5563	Managing Human Resource	6
5567	Managing Information Systems	6
5568	Operations Management	6
5569	Management and Organizations	6

**3<sup>rd</sup> Semester**  
**CMBA**

5575	Quality Management	6
5599	Research Methodology for Management Decisions (and two elective courses from the list below.)	6

**CMPA**

5573	Development Planning & Administration	6
5599	Research Methodology for Management Decisions (and two elective courses from the list below.)	6

**4<sup>th</sup> Semester**  
**CMBA**

5574	Strategic Management	6
5598	Project (and One elective course from the list)	6

**CMPA**

5572	Public Policy	6
5598	Project	6
5570	Public Systems Management	6

**List of the Elective Courses**

5576	Electronic Commerce	6
5577	Project Management	6
5580	Managerial Economics	6
5582	Policy Analysis and Implementation	6
5583	Contemporary Administrative System	6
5584	Disaster Management	6
5585	Corporate Finance	6
5588	International Marketing	6

## 5.17 M.Com (Accounting and Finance)

<u>Spring, 2012</u> <u>Fresh Admission</u>			<u>Autumn, 2012</u> <u>Fresh Admission</u>		
<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
8502	Human Resource Management	3	8502	Human Resource Management	3
8504	Basics of Technical English	3	8504	Basics of Technical English	3
8506	Management Theory & Practice	3	8506	Management Theory & Practice	3
8507	Management Information System	3	8507	Management Information System	3
8553	Advanced Financial Accounting	3	8553	Advanced Financial Accounting	3
 <u>2<sup>nd</sup> Semester</u>			 <u>2<sup>nd</sup> Semester</u>		
8507	Management Information System	3	8508	Managerial Accounting	3
8508	Managerial Accounting	3	8509	Production & Operations Management	3
8509	Production & Operations Management	3	8510	Business Research	3
8510	Business Research	3	8511	Marketing Management	3
8511	Marketing Management	3	8532	Business Mathematics & Statistics	3
8532	Business Mathematics & Statistics	3			
			 <u>3<sup>rd</sup> Semester</u>		
			8513	Financial Management	3
			8514	Business and Labour Laws	3
			8515	Consumer Behaviour	3
			8516	Project Management	3
			8522	Managerial Economics	3

## 6. MPhil/MS PROGRAMMES

### 6.1 MPhil Iqbal Studies

<u>Spring, 2012</u> <u>2<sup>nd</sup> Semester</u>			<u>Autumn, 2012</u> <u>Fresh Admission</u>		
<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
5755	The Basic Thoughts & Ideas of Allama Iqbal (Part-I)	3	5751	Iqbal's Intellectual & Artistic Development (Part-I)	3
5756	The Basic Thoughts & Ideas of	3	5752	Iqbal's Intellectual & Artistic	3

5757	Allama Iqbal (Part-II) Study of Selected Text of Allama Iqbal's Prose & Poetry (Part-I)	3	5753	Development (Part-II) Methods of Research (Part-I)	3
5758	Study of Selected Text of Allama Iqbal's Prose & Poetry (Part-II)	3	5754	Methods of Research (Part-II)	3

**Autumn, 2012**  
**3<sup>rd</sup> Semester**

5759	Research Thesis	12
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## 6.2 MPhil Urdu

**Spring, 2012**  
**Fresh Admission**

**Autumn, 2012**  
**2<sup>nd</sup> Semester**

<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
5771	The Political & Cultural Back ground of Urdu Literature-I	3	5775	Methods of Teaching Literature-I	3
5772	The Political & Cultural Back ground of Urdu Literature-II	3	5776	Methods of Teaching Literature-II	3
5773	Literary Movements & Critical Theories-I	3	5777	Methods of Research-I	3
5774	Literary Movements & Critical Theories-II	3	5778	Methods of Research-II	3

## 6.3 MPhil Mass Communications

**Spring, 2012**  
**2<sup>nd</sup> Semester**

**Autumn, 2012**  
**Fresh Admission**

<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
5763	Media Effects-I	3	6630	Evolution of Mass Communication Research	3
5764	Media Effects-II	3	5761	Mass Media and Society-I	3
6634	Foundations of Behavioral Research-2	3	5762	Mass Media and Society-II	3
6635	Theories of Influence on Mass Media Content	3	6632	Foundations of Behavioral Research-1	3

**Spring, 2012**  
**4<sup>th</sup> Semester**

**Autumn, 2012**  
**3<sup>rd</sup> Semester**

6636	<b><u>Thesis</u></b>	6	6636	Thesis	6
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**6.4 MPhil Economics**

**Spring, 2012**

**Autumn, 2012**  
**2<sup>nd</sup> Semester**

Fresh Admission

<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
2700	<b><i>Advanced Microeconomics</i></b>	3	2702	Research Methods	3
2701	<b><i>Advanced Macroeconomics</i></b>	3	2703	Applied Econometrics	3
2704	Development Economics	3	2706	Environmental Economics	3
2705	International Trade Theory & Policy	3	2708	Monetary Economics	3

**3<sup>rd</sup> Semester**

**4<sup>th</sup> Semester**

2710	Thesis	6	2710	Thesis	6
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**6.5 MPhil Pakistani Languages and Literature**

**Spring, 2012**

**Autumn, 2012**  
**2<sup>nd</sup> Semester**

Fresh Admission

<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
2721	<b><i>Comparative Study of Pakistani Languages, Literature:</i></b>	3	2725	Sindhi, Saraiki, Kashmiri: Language & Literature	3
			2726	Languages and Literature of Northern Areas	3
2722	<b><i>Balochi, Brahavi: Language &amp; Literature</i></b>	3	5765	Research Methodology (Language & Literature)-I	3
2723	Pushto, Hindko, Torwali,	3			

	Gawri: Language & Literature		5766	Research Methodology (Language & Literature)-II	3
2724	Punjabi, Pahari, Gojri: Language & Literature	3			

## 6.6 MS (Management Sciences) (New Programme)

<u>Spring, 2012</u> <u>Fresh Admission</u>			<u>Autumn, 2012</u> <u>2<sup>nd</sup> Semester</u>		
<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
8701	Advanced Research Methods	3		<i>Specialization: Marketing Management</i>	
8702	International Business and Finance	3	8717	Small Business Marketing	3
8703	Strategic Marketing	3	8706	Strategic Brand Management	3
8704	Strategic Human Resource Management	3	8707	Retail Management	3
			8708	Managing Non-Profit Organizations	3
				<i>Specialization: Human Resource Management</i>	
			8709	Strategic Human Resource Development	3
			8710	Organisation Theory & Design	3
			8711	International Human Resource Management	3
			8712	Human Resource Change Management	3
				<i>Specialization: Banking &amp; Finance</i>	
			8714	Credit Management	3
			8715	Investment & Securities Management	3
			8716	Risk Management & Insurance	3
			8718	Islamic Banking	3

## 7. PhD PROGRAMMES (MPhil Based)

### 7.1 PhD Iqbal Studies

<u>Spring, 2012</u> <u>2<sup>nd</sup> Semester</u>			<u>Autumn, 2012</u> <u>Fresh Admission</u>		
<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
6704	Religious Thoughts of Iqbal	3	6701	Iqbal's Urdu Poetry (Zarb-e-Kaleem, Armgan-e-Hijaz Part-I)	3
6705	Lectures of Iqbal	3	6702	Selected Persian Text of Iqbal	3
6706	Research & Texts Editing	3			

## 7.2 PhD Pakistani Languages and Literature

<u>Spring, 2012</u> <u>2<sup>nd</sup> Semester</u>			<u>Autumn, 2012</u> <u>Fresh Admission</u>		
<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
6714	World Classical Literature	3	6711	General Linguistics	3
6715	Translation Skill	3	6712	Pakistani Languages: Common Literary & Linguistics Heritage-I	3
6716	Thesis Writing	3	6713	Pakistani Languages: Common Literary & Linguistics Heritage-II	3

## 7.3 PhD Urdu

<u>Spring, 2012</u> <u>2<sup>nd</sup> Semester</u>			<u>Autumn, 2012</u> <u>Fresh Admission</u>		
<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>	<u>Code</u>	<u>Course Title</u>	<u>Cr.Hours</u>
6734	Applied Research	3	6731	Comparative Study of Classic Literature	3
6735	Manuscript's Study & Editing	3	6732	Linguistics	3
6736	Style and Stylistics	3	6733	Applied Criticism	3

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# Bureau for University Extension and Special Programmes/Projects

**Faculty Coordinator:**

**Mrs. Falak Amjad**



## Bureau for University Extension and Special Programmes/Projects (BUESP)

Sr. No.	<u>Academic Programmes</u>	<u>New Admission</u>	<u>Required Credit</u>	<u>Programmes' Minimum Duration</u>
1.	<b>Course Certificate Programmes</b>			
1.1	Short Term Educational Programmes	<u>Throughout the year</u>	<u>Non Credit</u>	<b>3 Month Duration</b>
a.	Management Sciences	Throughout the year		
b.	Social Sciences	Throughout the year		
c.	Community Education	Throughout the year		
d.	Hotel Services	Throughout the year		

### 1. COURSES CERTIFICATE PROGRAMMES

#### 1.1 Short Term Educational Programmes (STEPS)

**Admission Open Throughout the Year**

##### **A. Management Sciences**

<u>Code</u>	<u>Course Title</u>
1041	Successful International Marketing Begins at Home: An Introduction to: Marketing for Pakistani Exporters
1042	The World of International Business
1043	Export Marketing Research: Organization, Conduct & Analysis
1044	Product Adaptation for Export
1045	Export Channel Management
1046	The Culture Dimensions of International Business Negotiations: A Guide for Pakistani Negotiators
1047	Export Marketing: Promoting Your Product
1048	International Transportation & Physical Distribution
1049	Costing for Export

- 1050 Pricing for Export
- 1051 Getting Paid: Managing Your Money
- 1052 Legal Aspects of Foreign Trade: The Export Transaction
- 1053 Export Strategy: Developing an Export Marketing Plan
- 1054 Material Management: Warehousing, Purchasing, Handling and Procurement of Materials
- 1055 Material Management: Packing, Storage, Standardization and Computerization of Materials
- 1056 Marketing for Executives
- 1057 Improving Your Skills in Business Communication
- 1058 Modern Approach to Business
- 1059 Promoting Your Goods in the Market
- 1060 Everyday Business Law
- 1061 Banking Law & Practice
- 1062 Principles of Insurance

**B. Social Sciences**

- 1101 Pakistan's Foreign Policy: Determinants & Evolution
- 1102 Pakistan's Relations with neighbouring Countries: India, Afghanistan, Iran & China
- 1103 Changing Dynamics of Pakistan's Foreign Policy: From Bipolar to Unpopular World
- 1104 Pakistan's Relation with Muslim World and Third World.
- 1109 Arabic for Daily Use
- 1110 Arabic for Doctors
- 1111 Arabic for Engineers
- 1112 Advertising
- 1113 Public Relationing
- 1119 Urdu, Punjabi, Sindhi, Baluchi & Pushto Bol Chal: Basic Sentences of Daily Use
- 1120 Journalism
- 1121 Arabic
- 1122 Refugee Law

**C. Community Education**

- 1151 Child Care
- 1154 Everyday English
- 1155 Population Welfare
- 1156 Motor Car Maintenance
- 1158 Vegetable Growing
- 1159 Food and Nutrition
- 1161 Selling of Home Made Products
- 1162 Garment Making-I
- 1163 Garment Making-II
- 1165 Family Health and Care
- 1166 First Aid-I
- 1167 First Aid-II
- 1168 Education
- 1107 Development of Childs Personality

- 1114 Common Health Problems, Their Prevention Nutritional Therapy
- 1115 Fish Farming
- 1116 Seri Culture
- 1117 Bee Keeping
- 1118 Tree Plantation

**D. Hotel Services**

- 1139 Front Office
- 1140 House Keeping
- 1141 Food and Beverage Services
- 1142 Food Preparation
- 1143 Pastry and Bakery

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