

**OFFERING OF AIOU ACADEMIC  
PROGRAMMES FOR THE YEAR 2017  
(SPRING AND AUTUMN SEMESTERS)**



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## **PREFACE**

The Allama Iqbal Open University intends to offer **151** Academic Programmes from grassroots level to Doctoral degree in Spring and Autumn semester 2017, under the Distance Education System and the Formal mode of Education. The University is going to offer **10** New Programmes at BEd, BS, MSc and PhD level. The Academic Programmes for the year 2017 (Spring & Autumn semesters) include Programmes offered by all four Faculties i.e. Social Sciences & Humanities, Sciences, Education, Arabic & Islamic Studies and BUESP. The compilation of offering scheme of AIOU Academic Programmes for each year is the sole responsibility of the Directorate of Academic Planning and Course Production.

The Offering of AIOU Academic Programmes for the year 2017 (Spring & Autumn semesters) will hopefully facilitate all the Academic and Servicing Departments in updating the prospectus for new Programmes, admission advertisement, the preparation of course assignments, print/reprint order of books and workshops and tutorial meetings schedule for each semester i.e. Spring and Autumn 2017. It will also facilitate the Regional Campuses to provide appropriate information and guidance to prospective students.

**(Dr. Muhammad Amjad Ali)**  
**Incharge, Directorate of AP&CP**



## ABSTRACT

The Allama Iqbal Open University is offering **151** Educational Programmes from basic level to Doctorate level in Spring and Autumn 2017 Semesters. The University is going to offer **10** New Programmes at BEd, BS, MSc and PhD level from Spring 2017 semester. Distribution of Programmes for Spring and Autumn Semesters has been made at graduate and postgraduate level. However SSC, HSSC and Bachelor Programmes are being offered in both Semesters. Programmes-wise detail of each faculty is as follows:-

Sr. No.	Programmes	F/o Arabic & Islamic Studies	F/o Education	F/o Sciences	F/o Social Sciences & Humanities	BUESP	Total
01.	PhD (MPhil Based)	02	05	07	04	–	<b>18</b>
02.	MPhil/MS/MSc (Hons)	03	06	14	11	–	<b>34</b>
03.	MA/MSc	02	04	14	13	–	<b>33</b>
04.	PGD	–	02	01	04	–	<b>07</b>
05.	BS 4 Years	–	–	10	–	–	<b>10</b>
06.	Bachelor	02	–	-	05	–	<b>07</b>
07.	Associate Degree Programme	–	03	–	01	–	<b>04</b>
08.	Teacher Training Programmes {ATTC,PTC,CT, BEd, BEd (Arabic) and MEd	02	15	–	–	–	<b>17</b>
09.	HSSC	02	–	–	02	–	<b>04</b>
10.	FSc	–	–	02	–	–	<b>02</b>
11.	SSC	02	–	–	01	–	<b>03</b>
12.	Middle	–	–	–	–	02	<b>02</b>
13.	Certificate Programme	03	–	05	02	–	<b>10</b>
	<b>Total</b>	<b>18</b>	<b>35</b>	<b>53</b>	<b>43</b>	<b>02</b>	<b>151</b>

It is worth mentioning here that most of the courses of general groups of Secondary School Certificate, Higher Secondary School Certificate and Bachelor level Programmes are being offered by the Faculty of Social Sciences & Humanities and are treated as one programme at each level and recorded under the same Faculty.

In addition to the above scheduled programmes, the University is planning to introduce new Programmes in the near future.

**(Dr. Muhammad Amjad Ali)**  
**Incharge, Directorate of AP&CP**

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**OVERVIEW OF ALL  
ACADEMIC PROGRAMMES  
IN  
SPRING & AUTUMN  
SEMESTER 2017**





Sr. No.	Programmes	Spring Semester	Autumn Semester	Required Credit or Cr. Hrs	Programme's Minimum Duration
<b>1</b>	<b>Functional Non Credit/Certificate Courses Programmes</b>				
1.1	Functional Non Credit Courses 1. A. Arabic 2. B. French Online	Fresh Fresh	Fresh Fresh	Non Credit Non Credit	01 Semester 01 Semester
1.2	Open Tech Courses	Fresh	Fresh	Non Credit	01 Semester
1.3	Technical Courses	Fresh & Continue	Fresh & Continue	Half Credit	01 Semester
1.4	Vocational Course	Fresh	Fresh	Full Credit	01 Semester
1.5	Agricultural Courses	Fresh	Fresh	Half Credit	01 Semester
1.6	Certificate in Environmental Design	Fresh	Fresh	3/4 Cr.Hrs	01 Semester
1.7	Certificate in Librarianship	Fresh	Fresh	02 Credits	01 Semester
<b>2</b>	<b>Secondary School Certificate Programmes</b>				
2.1	SSC (General Group)	Fresh & Continue	Fresh & Continue	08 Credits	04 Semesters
2.2	SSC ( Dars-e-Nizami) (Sanvia Aammah)	Continue	Continue	08 Credits	04 Semesters
2.3	SSC (Dars-e-Nizami) (Sanvia Aammah) Overseas Students Only	Fresh & Continue	Fresh & Continue	08 Credits	04 Semesters
<b>3</b>	<b>Higher Secondary School Certificate Programmes</b>				
3.1	HSSC (General Group)	Fresh & Continue	Fresh & Continue	08 Credits	04 Semesters
3.2	ICom (Commerce Group)	Fresh & Continue	Fresh & Continue	08 Credits	04 Semesters
3.3	HSSC (Dars-e-Nizami) (Sanvia Khasa)	Continue	Continue	08 Credits	04 Semesters
3.4	HSSC (Dars-e-Nizami) (Sanvia Khasa) Overseas Students Only	Fresh & Continue	Fresh & Continue	08 Credits	04 Semesters
3.5	FSc Pre-Medical	Continue	Continue	08 Credits	04 Semesters
3.6	FSc Pre-Engineering	Continue	Continue	08 Credits	04 Semesters
<b>4</b>	<b>Bachelor Programmes</b>				
4.1	BA (General Group)	Fresh & Continue	Fresh & Continue	08 Credits	04 Semesters
4.2	BCom (Commerce Group)	Fresh & Continue	Fresh & Continue	08 Credits	04 Semesters
4.3	BBA (Group) (for left over students)	Continue	Continue	10 Credits	04 Semesters
4.4	BA (Library & Information Sciences)	Fresh & Continue	Fresh & Continue	08 Credits	04 Semesters
4.5	BA (Mass Communication)	Fresh & Continue	Fresh & Continue	08 Credits	04 Semesters
4.6	BA (Dars-e-Nizami) (Shahadat ul Alia)	Continue	Continue	08 Credits	04 Semesters

Note: Scheme of Fresh Offering Courses at SSC (General and Dars-e-Nizami Groups), HSSC (General, ICom and Dars-e-Nizami Groups) and Bachelor Level Programmes (BA General, BCom, BLIS, Mass Communication and Dars-e-Nizami) are reflected at page 1 to 15.

<b>Sr. No.</b>	<b>Programmes</b>	<b>Spring Semester</b>	<b>Autumn Semester</b>	<b>Required Credit or Cr. Hrs</b>	<b>Programme's Minimum Duration</b>
4.7	BA (Dars-e-Nizami) (Shahadat ul Alia) Overseas Students Only	Fresh & Continue	Fresh & Continue	08 Credits	04 Semesters
4.8	BS (4 Years) Chemistry (Old Scheme)	Continue	Continue	132 Cr. Hrs	08 Semesters
4.9	BS (4 Years) Chemistry (Revised New Scheme)	Fresh	Continue	132 Cr. Hrs	08 Semesters
4.10	BS(4 Years) Microbiology (Old Scheme)	Continue	Continue	131 Cr. Hrs	08 Semesters
4.11	BS(4 Years) Microbiology (Revised New Scheme)	Fresh	Continue	130 Cr. Hrs	08 Semesters
4.12	BS (CS) Programme (Old Scheme)	Continue	Continue	140 Cr. Hrs	08 Semesters
4.13	BS (CS) Programme (Revised New Scheme)	Continue	Fresh	140 Cr. Hrs	08 Semesters
4.14	BS (4 Years) Environmental Science	Fresh	Continue	132 Cr. Hrs	08 Semesters
4.15	BS (4 Years) Statistics (New Programme)	Fresh	Continue	132 Cr. Hrs	08 Semesters
4.16	BS (4 Years) Mathematics (New Programme)	Fresh	Continue	132 Cr. Hrs	08 Semesters
4.17	BS (4 Year) Physics (New Programme)	Fresh	Continue	132 Cr. Hrs	08 Semesters
<b>5</b>	<b>Associate Degree Programmes</b>				
5.1	Associate Degree in Education ( <i>In-Service</i> ) (1 Year)	Fresh & Continue	Fresh & Continue	36 Cr. Hrs	02 Semesters
5.2	Associate Degree in Education (ADE) (2 Years)	Continue	Fresh	72 Cr. Hrs	04 Semesters
5.3	Associate Degree in Education (ADE) (3 Years)	Continue	Fresh	108 Cr. Hrs	06 Semesters
5.4	Associate Degree in Commerce (Specialization in Hotel Management, Tourism Management, Hospital Management, Banking & Finance, Accounting & Finance, Human Resource Management, Information Technology Management and Marketing Management)	Fresh & Continue	Fresh & Continue	66 Cr. Hrs	04 Semesters
<b>6</b>	<b>Teacher Training/Education Programmes</b>				
6.1	Arabic Teacher Training Course	Fresh	-	01 Credit	01 Semester
6.2	PTC (For Dropout Students Only)	Continue	Continue	05 Credits	02 Semesters
6.3	CT (For Dropout Students Only)	Continue	Continue	05 Credits	02 Semesters
6.4	BEd Arabic	Continue	Continue	06 Credits	02 Semesters

	(For Dropout Students Only)				
6.5	BEd (For Dropout Students Only)	Continue	Continue	06 Credits	02 Semesters

Sr. No.	Programmes	Spring Semester	Autumn Semester	Required Credit or Cr. Hrs	Programme's Minimum Duration
6.6	BEd (1½ Year) (New Scheme)	Fresh & Continue	Fresh & Continue	54 Cr. Hrs	03 Semesters
6.7	BEd (2½ Years) (New Programme)	Fresh	Continue	90 Cr. Hrs	05 Semesters
6.8	BEd (4 Years) (New Scheme)	Continue	Fresh	144 Cr. Hrs	08 Semesters
<b>7</b>	<b>Postgraduate Diploma Programmes</b>				
7.1	PGD EPM	Fresh	Continue	30 Cr. Hrs	02 Semesters
7.2	PGD in Early Childhood Education (ECE)	Fresh	Continue	30 Cr. Hrs	02 Semesters
7.3	PGD in CS Through Online Mode	Fresh	Continue	39 Cr. Hrs	02 Semesters
7.4	Diploma in TEFL	Fresh	Continue	30 Cr. Hrs	02 Semesters
7.5	PGD Human Resource Management	Continue	Fresh	30 Cr. Hrs	02 Semesters
7.6	PGD Mass Communication	Fresh	Continue	30 Cr. Hrs	02 Semesters
7.7	PGD Gender & Women Studies	Continue	Fresh	30 Cr. Hrs	02 Semesters
<b>8</b>	<b>MEd Programmes</b>				
8.1	MEd (1 Year)Specialization in Science Education (New Scheme)	Fresh & Continue	Fresh & Continue	18 Cr. Hrs	02 Semesters
8.2	MEd (1 Year)Specialization in Teacher Education (New Scheme)	Fresh & Continue	Fresh & Continue	18 Cr. Hrs	02 Semesters
8.3	MEd (1 Year) Specialization in Elementary Teacher Education (ETE)(New Scheme)	Fresh & Continue	Fresh & Continue	18 Cr. Hrs	02 Semesters
8.4	MEd (1 Year) Specialization in Distance & Non-Formal Education (New Scheme)	Fresh & Continue	Fresh & Continue	18 Cr. Hrs	02 Semesters
8.5	MEd (1 Year)Specialization in Special Education (New Scheme)	Fresh & Continue	Fresh & Continue	18 Cr. Hrs	02 Semesters
8.6	MEd Science Education (Old Scheme of Studies)	Continue	Continue	36 Cr. Hrs	03 Semesters
8.7	MEd Teacher Education (Old Scheme of Studies)	Continue	Continue	36 Cr. Hrs	03 Semesters
8.8	MEd Distance & Non-Formal Education (Old Scheme of Studies)	Continue	Continue	36 Cr. Hrs	03 Semesters
8.9	MEd Special Education (Old Scheme of Studies)	Continue	Continue	36 Cr. Hrs	03 Semesters
<b>9</b>	<b>MA &amp; MSc Programmes</b>				
9.1	MA Arabic	Continue	Fresh	60 Cr.Hrs	04 Semesters
9.2	MA Islamic Studies with four Specializations a. Quran & Tafseer b. Hadith & Seerah c. Islamic Law & Jurisprudence d. Islamic Thoughts, History and Culture	Continue	Fresh	60 Cr.Hrs	04 Semesters

<b>Sr. No.</b>	<b>Programmes</b>	<b>Spring Semester</b>	<b>Autumn Semester</b>	<b>Required Credit or Cr. Hrs</b>	<b>Programme's Minimum Duration</b>
9.3	MA EPM	Fresh	Continue	60 Cr. Hrs	04 Semesters
9.4	MA Distance & Non-Formal Education	Fresh	Continue	60 Cr. Hrs	04 Semesters
9.5	MA Teacher Education	Fresh	Continue	60 Cr. Hrs	04 Semesters
9.6	MA Special Education	Fresh	Continue	60 Cr. Hrs	04 Semesters
9.7	MSc Community Health & Nutrition (For Dropout Students Only)	Continue (Research Thesis)	No New Admission	64 Cr. Hrs	04 Semester
9.8	MSc Environmental Design (For Dropout Students Only)	No New Admission	Continue (Research Thesis)	64 Cr. Hrs	04 Semester
9.9	MSc Sustainable Environmental Design (New Programme)	Fresh	Continue	60 Cr. Hrs	04 Semesters
9.10	MSc Public Nutrition (New Programme)	-----	Fresh	60 Cr. Hrs	04 Semesters
9.11	MSc Forestry Extension	Fresh	Continue	60 Cr. Hrs	04 Semesters
9.12	MSc Physics	Fresh	Continue	60 Cr. Hrs	04 Semesters
9.13	MSc Chemistry (Old Scheme)	Continue	Continue	64 Cr. Hrs	04 Semesters
9.14	MSc Chemistry (Revised New Scheme)	Fresh	Continue	64 Cr. Hrs	04 Semesters
9.15	MSc Mathematics	Fresh	Continue	68 Cr. Hrs	04 Semesters
9.16	MSc Statistics (Old Scheme)	Continue	Continue	68 Cr. Hrs	04 Semesters
9.17	Bridging Semester (For MSc Statistics Students) New Programme	Fresh	Fresh	18 Cr. Hrs	01 Semester
9.18	MSc Statistics (Revised New Scheme)	Fresh & Continue	Fresh & Continue	60 Cr. Hrs	04 Semesters
9.19	MSc Microbiology	Fresh	Continue	70 Cr. Hrs	04 Semesters
9.20	MSc Environmental Science (New Programme)	Fresh	Continue	66 Cr. Hrs	04 Semesters
9.21	MSc Botany (2 Years) (New Programme)	Fresh	Continue	67 Cr. Hrs	04 Semesters
9.22	MA TEFL	Fresh	Continue	60 Cr.Hrs	04 Semesters
9.23	Master of Library and Information Sciences	Fresh	Continue	60 Cr.Hrs	04 Semesters
9.24	MA Urdu	Continue	Fresh	60 Cr.Hrs	04 Semesters
9.25	MA History	Fresh	Continue	60 Cr.Hrs	04 Semesters
9.26	CoL MBA/MPA Programme for Executive	Fresh & Continue	Fresh & Continue	90 Cr.Hrs	04 Semesters
9.27	MCom (Accounting and Finance)	Fresh & Continue	Fresh & Continue	63 Cr.Hrs	04 Semesters

Sr. No.	Programmes	Spring Semester	Autumn Semester	Required Credit or Cr. Hrs	Programme's Minimum Duration
9.28	MSc Economics	Continue	Fresh	60 Cr.Hrs	04 Semesters
9.29	MSc Mass Communication (Old Scheme)	Continue	Continue	60 Cr.Hrs	04 Semesters
9.30	MSc Mass Communication (Revised New Scheme)	Fresh	Continue	60 Cr.Hrs	04 Semesters
9.31	MSc Television Production	Fresh	Continue	60 Cr.Hrs	04 Semesters
9.32	MSc Sociology	Fresh	Continue	60 Cr.Hrs	04 Semesters
9.33	MSc Pakistan Studies	Continue	Fresh	60 Cr.Hrs	04 Semesters
9.34	MSc Gender & Women Studies	Continue	Fresh	60 Cr.Hrs	04 Semesters
<b>10</b>	<b>MPhil/MS/MSc (Hons) Programmes</b>				
10.1	MPhil Islamic Studies (General)	Continue	Fresh	36 Cr. Hrs	04 Semesters
10.2	MPhil Islamic Studies Specialization in Quran & Tafseer	Continue	Fresh	36 Cr. Hrs	04 Semesters
10.3	MPhil Arabic	Continue	Fresh	36 Cr. Hrs	04 Semesters
10.4	MPhil Distance & Non-Formal Education	Fresh	Continue	36 Cr. Hrs	04 Semesters
10.5	MPhil Teacher Education	Fresh	Continue	36 Cr. Hrs	04 Semesters
10.6	MPhil EPM	Fresh	Continue	36 Cr. Hrs	Minimum 04 Semesters & maximum 10 semesters
10.7	MPhil Special Education	Fresh	Continue	36 Cr. Hrs	04 Semesters
10.8	MPhil Science Education	Fresh	Continue	36 Cr. Hrs	04 Semesters
10.9	MPhil Education (Elementary Teacher Education)	Fresh	Continue	36 Cr. Hrs	04 Semesters
10.10	MS Computer Science (Old Scheme) (For Continuing Students Only)	Continue	Continue	24 Cr. Hrs Course Work + 12 Cr. Hrs Research & Thesis	04 Semesters
10.11	MS Computer Science (Revised New Scheme)	Fresh	Continue	-do-	04 Semesters
10.12	MS Environmental Design/ PDG Environmental Design (3 Years) (Old Scheme For Continue Students Only)	Continue	Continue	-do-	06 Semesters
10.13	MS Environmental Design (2 Years) (Revised New Scheme)	Fresh	Continue	-do-	04 Semesters
10.14	MS Community Health and Nutrition Programme /PGD Nutrition/PGD Dietetics (3 Years) (Old Scheme For Continue Students Only)	Continue	Continue	-do-	06 Semesters
10.15	MS Community Health and Nutrition	---	Fresh	-do-	04 Semesters

(2 Years) (Revised New Scheme)					
Sr. No.	Programmes	Spring Semester	Autumn Semester	Required Credit or Cr. Hrs	Programme's Minimum Duration
10.16	MSc (Hons) Rural Development	Fresh	Continue	24 Cr. Hrs Course Work + 12 Cr. Hrs Research & Thesis	04 Semesters
10.17	MSc (Hons) Livestock Management	Fresh	Continue	-do-	04 Semesters
10.18	MSc (Hons) Agricultural Extension	Fresh	Continue	-do-	04 Semesters
10.19	MPhil Statistics (Old Scheme)	Continue	Continue	-do-	04 Semesters
10.20	MPhil Statistics (Revised New Scheme)	Fresh	Continue	-do-	04 Semesters
10.21	MPhil Mathematics	Fresh	Continue	-do-	04 Semesters
10.22	MPhil Physics	Fresh	Continue	-do-	04 Semesters
10.23	MPhil Chemistry	Continue	Fresh	-do-	04 Semesters
10.24	MPhil Iqbal Studies	Continue	Fresh	-do-	04 Semesters
10.25	MPhil Urdu	Fresh	Continue	-do-	04 Semesters
10.26	MPhil Mass Communication	Continue	Fresh	-do-	04 Semesters
10.27	MPhil History	Fresh	Continue	-do-	04 Semesters
10.28	MPhil Economics	Fresh	Continue	-do-	04 Semesters
10.29	MPhil Pakistani Languages & Literature	Fresh	Continue	-do-	04 Semesters
10.30	MPhil Pakistan Studies	Fresh	Continue	-do-	04 Semesters
10.31	MS Management Sciences	Fresh	Continue	-do-	03 Semesters
10.32	MBA Rural Management (Duration 3 ½ Years)	Continue	Fresh	96 Cr. Hrs	07 Semesters
10.33	Master of Business Administration (Duration 3 ½ Years)	Continue	Fresh	96 Cr. Hrs (in IT Cr. Hrs 100)	07 Semesters
1034	Master of Business Administration (Duration 2 ½ Years)	Continue	Fresh	66 Cr. Hrs (in IT Cr. Hrs 67)	05 Semesters
<b>11</b>	<b>PhD Programmes (MPhil Based)</b>				
11.1	PhD Islamic Studies (General)	Continue	Fresh	18 Cr. Hrs Course work + 24 Research Thesis	04 Semesters
11.2	PhD Islamic Studies Specialization in Quran & Tafseer	Continue	Fresh	-do-	04 Semesters
11.3	PhD Distance & Non-Formal Education	Fresh	Continue	-do-	10 Semesters (Maximum time period)
11.4	PhD Teacher Education	Fresh	Continue	-do-	-do-

Sr. No.	Programmes	Spring Semester	Autumn Semester	Required Credit or Cr. Hrs	Programme's Minimum Duration
11.5	PhD EPM	Fresh	Continue	18 Cr. Hrs Course work + 24 Research Thesis	Minimum 06 Semesters & Maximum 10 Semesters
11.6	PhD Special Education	Fresh	Continue	-do-	10 Semesters (Maximum time period)
11.7	PhD Science Education	Fresh	Continue	-do-	-do-
11.8	PhD Computer Science	Fresh	Continue	-do-	06 Semesters
11.9	PhD Agricultural Extension	Fresh	Continue	-do-	06 Semesters
11.10	PhD Chemistry	Fresh & Continue	Fresh & Continue	-do-	06 Semesters
11.11	PhD Physics	Fresh	Continue	-do-	06 Semesters
11.12	PhD Statistics	Fresh	Continue	-do-	06 Semesters
11.13	PhD Food & Nutrition	---	Fresh	-do-	06 Semesters
11.14	PhD Sustainable Environmental Design (New Programme)	Fresh	Continue	-do-	06 Semesters
11.15	PhD Iqbal Studies	Continue	Fresh	-do-	06 Semesters
11.16	PhD Pakistani Languages & Literature	Continue	Fresh	-do-	06 Semesters
11.17	PhD Urdu	Continue	Fresh	-do-	06 Semesters
11.18	PhD Mass Communication	Continue	Fresh	-do-	06 Semesters
<b>12</b>	<b>Bureau for University Extension and Special Programmes/Projects (BUESP)</b>				
12.1	Short Term Educational Programmes (STEPS)				
a.	Management Sciences	Throughout the year	Throughout the year	Non Credit	03 Months
b.	Social Sciences	Throughout the year	Throughout the year	Non Credit	03 Months
c.	Community Education	Throughout the year	Throughout the year	Non Credit	03 Months
d.	Hotel Services	Throughout the year	Throughout the year	Non Credit	03 Months
e.	Agricultural Sciences	Throughout the year	Throughout the year	Non Credit	03 Months
12.2	Middle Education Programme				
a.	Middle Education Programme Offered Kharian and Nankana Sahib	Throughout the year	Throughout the year	Half/Full	02 Years 07 Semesters

**SCHEME OF FRESH  
OFFERING COURSES  
AT  
SSC, HSSC AND BACHELOR  
LEVEL PROGRAMMES**

**Spring and Autumn  
Semesters 2017**



## 2. Secondary School Certificate (Matric)

### 2.1 SSC General Group

(Total 08 Credits)

At SSC level, out of eight credits, six credits are compulsory. These six credit courses be offered in the first, second and third semesters, and elective courses be offered in the 4<sup>th</sup> semester.

#### 1<sup>st</sup> Semester

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

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

Course Code	Course Title	Credit
204	Urdu For Daily Use OR	FC
213	Sindhi Compulsory (For the Students of Sindh Province only)	FC
207	Compulsory English-I	HC
247	Mathematics-I	HC

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

Course Code	Course Title	Credit
203	General Science	FC
221	Compulsory English-II	HC
248	Mathematics-II	HC

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

Elective Courses: Student can select any two credits from the following list of elective courses.

#### List of Elective Courses

Course Code	Course Title	Credit
200	Selling of Home Made Products	Full
205	Arabic	Full
206	Family Health and Care	Half
208	Garment Making-I	Half
209	General Home Economics	Full

2.2

210	Garment Making II	Half
211	Poultry Farming	Half
<b>Course Code</b>	<b>Course Title</b>	<b>Credit</b>
212	Maintenance of House Hold Electrical Appliance	Half
215	Education	Full
217	Food and Nutrition	Half
218	First Aid-I	Half
219	Home and Farm Operations Management	Full
220	First Aid-II	Half
222	Applied Food & Nutrition	Half
242	Seerat-e-Tayyaba	Half
252	Lab Techniques in Physics	Half
253	Introduction to Livestock Management	Half
254	Livestock Production	Half
256	Vegetable Growing	Half
257	Fruit Production	Full
258	Lab Techniques in Chemistry	Half
259	Lab Techniques in Biology	Half
260	Information Technology Basics	Half

### SSC Dars-e-Nizami Group

All courses are compulsory

#### 1<sup>st</sup> Semester

Course Code	Course Title	Credit
202	Pakistan Studies	FC
240	Quran-e-Hakeem	FC

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

Course Code	Course Title	Credit
204	Urdu	FC
207	Compulsory English-I	HC
247	Mathematics-I	HC

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

Course Code	Course Title	Credit
203	General Science	FC
221	Compulsory English-II	HC
248	Mathematics-II	HC

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

Course Code	Course Title	Credit
241	Islamic Fiqh	FC
246	Arabic	HC
242	Seerat-e-Tayyeba	HC

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

#### 3.1 HSSC General Group

At HSSC level, three credits are compulsory and five credits are elective. Two compulsory credits be offered in the first semester and one compulsory credit in the second semester.

##### 1<sup>st</sup> Semester

Course Code	Course Title	Credit
363	Urdu-I	HC
398	OR Sindhi + Easy Urdu-I (For the Students of Sindh Province only)	HC
386	Compulsory English-I	HC
316	Islamiat	HC
319	OR Ethics (For Non-Muslim Students only)	HC
317	Pakistan Studies	HC

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

Course Code	Course Title	Credit
364	Urdu-II	HC
399	OR Sindhi + Easy Urdu-II (For the Students of Sindh Province only)	HC
387	Compulsory English-II	HC
Students can select any one Full Credit or two Half Credit courses from the list of elective courses		

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

Students can select any two Full Credit or one Full Credit and two Half Credits or Four Half Credit courses from the list of elective courses.

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

Students can select any two Full Credit or one Full Credit and two Half Credits or Four Half Credit courses from the list of elective courses.

#### List of Elective Courses

Course Code	Course Title	Credit
301	Daftri Urdu	Half
303	Iqbaliat	Full

305	Rural Development	Half
<b>Course Code</b>	<b>Course Title</b>	<b>Credit</b>
307*	Electrical Wiring	Half
308	General Science	Full
309	Arabic	Full
311	Book Keeping and Accountancy	Full
312	Education	Full
313	Dairy Farming	Half
314**	Electrician	Half
315	Economics	Full
321	Muslim History of Sub-Continent	Full
322	Secretarial Practice	Half
326	Farm Income Generating Skills	Half
327	Farm Machinery	Half
328	Improved Methods of Oil Seed Crops	Half
329	Jadeed Zarat	Half
330	Child Care and Development	Half
332*	Auto Servicing	Half
341**	Repair and Maintenance of House Hold Electrical Appliances	Half
342	Improved Methods of Fruit Production	Half
343	Islamiat (E)	Full
344*	Basic Electronics	Half
345	Home Management and Home Furnishing	Half
346	Principles of Commerce	Full
347	Banking	Half
348**	Radio Servicing	Half
349	Plant Protection	Half
351**	Auto Mechanics	Half
355	Consumer Textile	Half
356	Food and Nutrition	Half
357	Health and Nutrition	Half
358	Apparel Design	Half
359	Understanding of Mathematics, Statistics and Computer	Half
360	Information Technology Applications	Half
361	Persian	Full
365	Health in Family and Community	Half
366	Action for Health	Half
369	Communication Skills for Health Workers	Half
371	Women Policing	Full
372	Criminology	Full
376	Human Rights	Full
388	Penology	Full
389	Quran-e-Hakeem (Translation)	Full
394	Statistics-I	Half

395	Statistics-II	Half
<b>Course Code</b>	<b>Course Title</b>	<b>Credit</b>
1307	Mathematics-I	Half
1308	Mathematics-II	Half
1309	Mathematics-III	Half

\* Course 307, 332 and 344 are offered in Spring semester only

\*\* Courses 314, 341, 348 and 351 are offered in Autumn semester only

### 3.2 ICom (Commerce Group)

(All Courses are Compulsory)

#### 1<sup>st</sup> Semester

Course Code	Course Title	Credit
316	Islamiat OR	HC
319	Ethics (For Non-Muslim Students only)	HC
317	Pakistan Studies	HC
363	Urdu-I OR	HC
398	Sindhi + Easy Urdu-I (For the Students of Sindh Province only)	HC
386	Compulsory English-I	HC

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

Course Code	Course Title	Credit
311	Book-keeping and Accountancy	FC
346	Principles of Commerce	FC

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

Course Code	Course Title	Credit
322	Secretarial Practice	HC
364	Urdu-II OR	HC
399	Sindhi + Easy Urdu-II (For the Students of Sindh Province only)	HC
387	Compulsory English-II	HC
394	Statistics-I	HC

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

Course Code	Course Title	Credit
315	Economics	FC
347	Banking	HC
395	Statistics-II	HC

### 3.3 Higher Secondary Dars-e-Nizami Group

(All Courses are Compulsory)

#### 1<sup>st</sup> Semester

Course Code	Course Title	Credit
389	Quran-e-Hakeem	FC
390	Hadith	FC

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

Course Code	Course Title	Credit
0391	Fiqh	FC
0392	Usull-ul-Fiqh	FC

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

Course Code	Course Title	Credit
309	Arabic	FC
363	Urdu-I	HC
398	OR Sindhi + Easy Urdu-I (For the Students of Sindh Province only)	HC
386	Compulsory English-I	HC

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

Course Code	Course Title	Credit
316	Islamiat	HC
357	Health and Nutrition	HC
364	Urdu-II	HC
399	OR Sindhi + Easy Urdu-II (For the Students of Sindh Province only)	HC
387	Compulsory English-II	HC

## 4. Bachelor Programmes

### 4.1 BA General Group

(All Courses are Compulsory)

#### 1<sup>st</sup> Semester

Course Code	Course Title	Credit
416	Islamiat	HC
	OR	
418	Ethics (For Non-Muslim Students only)	HC
417	Pakistan Studies	HC
1423	Compulsory English-I	HC
Students can select any one Half Credit course from the list of elective courses		

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

Course Code	Course Title	Credit
1424	Compulsory English-II	HC
Students can select any one Full Credit and one Half Credit or three Half Credit courses from the list of elective courses		

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

Students can select any two Full Credit or one Full Credit and two Half Credits or Four Half Credit courses from the list of elective courses.

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

Students can select any two Full Credit or one Full Credit and two Half Credits or Four Half Credit courses from the list of elective courses.

#### List of Elective Courses

Course Code	Course Title	Credit
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402	Economics	Full
404	Urdu	Full
<b>Course Code</b>	<b>Course Title</b>	<b>Credit</b>
405	Iqbaliat	Full
406	Economics of Pakistan	Full
407	Modern Muslim World	Full
408	Arabic	Full
409	Commercial Geography	Full
411	Sociology-I	Full
412	Social & Cultural Anthropology	Full
413	Sociology-II	Half
414	Demography	Full
419	Education	Full
422**	Organizing Library Resources	Full
423**	Library Services	Full
426	Pakistani Adab-II	Full
427	Pakistani Adab-I	Half
429	Mass Education/Literacy	Full
430	Principles of Journalism	Full
431	Reporting	Half
433	Iqbal's Persian Poetry	Half
434	Iqbal's Urdu Prose	Half
436	Seerat-e-Tayyaba	Full
437	Islamiat (E)	Full
438*	Principles of Accounting	Half
439	Advertising and Sales Promotion	Half
444*	Advance Accounting	Half
445	History of Urdu Adab	Full
447	Marketing Management	Half
449	Magazine Journalism	Half
451	Public Relations	Half
452	Mass Communication	Half
453	Radio Broadcasting	Half
454	TV Broadcasting	Half
455	Book Editing	Half
456	Business Taxation	Half

458	Community Development	Full
460	Mercantile Law	Half
<b>Course Code</b>	<b>Course Title</b>	<b>Credit</b>
461	Advertising	Half
462	Cost Accounting	Half
463	Fundamentals of Business	Half
464	Islamic Fiqh	Full
465	Population and Development	Full
466**	History of Libraries with Reference to Pakistan	Full
467**	Classification and Cataloguing	Full
470	Principles of Marketing	Half
472	Quran-E-Hakim	Full
473	Hadith	Full
481	Auditing	Half
482	Food Microbiology	Half
484	Food and Nutrition	Half
485	Health and Nutrition	Half
487	Child Development	Half
1421	Introduction to Environment	Half
1422	Environmental Pollution	Half
1425	Basics of Technical Writing	Half
1426	English Literature	Half
1429	Business Mathematics	Half
1430	Business Statistics	Half
1431	Basics of Information & Communication Technology	Half

\*

Courses 438 and 444 can be taken in a semester but the course code 444 cannot be taken before 438

\*\*

To take admission in course code 466 and 467 the course 422 and 423 must be passed.

## 4.2 BCom (Commerce Group)

(All Courses are Compulsory)

### 1<sup>st</sup> Semester

Course Code	Course Title	Credit
416	Islamiat <b>OR</b>	HC
418	Ethics (For Non-Muslim Students only)	HC
417	Pakistan Studies	HC
1423	Compulsory English-I	HC
*1431	Basics of Information & Communication Technology	HC

\* Book of this course is in English. However assignments and final examination can be attempted in Urdu or English.

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

Course Code	Course Title	Credit
402	Economics	FC
438	Principles of Accounting	HC
1424	Compulsory English-II	HC

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

Course Code	Course Title	Credit
444	Advanced Accounting	HC
460	Mercantile Law	HC
463	Fundamentals of Business	HC
1429	Business Mathematics	HC

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

Course Code	Course Title	Credit
456	Business Taxation	HC
462	Cost Accounting	HC
481	Auditing	HC
1430	Business Statistics	HC



### 4.3 Library and Information Sciences Group (BLIS)

(All Courses are Compulsory)

#### 1<sup>st</sup> Semester

Course Code	Course Title	Credit
416	Islamiat	HC
	<b>OR</b>	
418	Ethics (For Non-Muslim Students only)	HC
417	Pakistan Studies	HC
1423	Compulsory English-I	HC
Alongwith these courses students can select any one Half Credit course from the list of elective courses		

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

Course Code	Course Title	Credit
422	Organizing Library Resources	FC
1424	Compulsory English-II	HC
Alongwith these courses students can select any one Half Credit course from the list of elective courses		

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

Course Code	Course Title	Credit
423	Library Services	FC
Alongwith these courses students can select any one Full Credit or two Half Credit courses from the list of elective courses		

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

Course Code	Course Title	Credit
466	History of Libraries with Reference to Pakistan	FC
467	Classification and Cataloguing	FC

#### List of Elective Courses

Course Code	Course Title	Credit
404	Urdu	Full
419	Education	Full
427	Pakistani Adab-I	Half
431	Reporting	Half
451	Public Relations	Half
452	Mass Communication	Half
455	Book Editing	Half
461	Advertising	Half
*1431	Basics of Information & Communication Technology	Half

4.4

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Book of  
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## Mass Communication Group

(All Courses are Compulsory)

### 1<sup>st</sup> Semester

Course Code	Course Title	Credit
416	Islamiat <b>OR</b>	HC
418	Ethics (For Non-Muslim Students only)	HC
417	Pakistan Studies	HC
1423	Compulsory English-I	HC
Alongwith these courses students can select any one Half Credit course from the list of elective courses		

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

Course Code	Course Title	Credit
430	Principles of Journalism	FC
1424	Compulsory English-II	HC
Alongwith these courses students can select any one Half Credit course from the list of elective courses		

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

Course Code	Course Title	Credit
431	Reporting	HC
452	Mass Communication	HC
Alongwith these courses students can select any one Full Credit or two Half Credit courses from the list of elective courses		

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

Course Code	Course Title	Credit
451	Public Relations	HC
453	Radio Broadcasting	HC
454	TV Broadcasting	HC
461	Advertising	HC

### List of Elective Courses

Course Code	Course Title	Credit
413	Sociology-II	Half
449	Magazine Journalism	Half
455	Book Editing	Half
458	Community Development	Full
1421	Introduction to Environment	Half
*1431	Basics of Information & Communication Technology	Half

\* **Book of this course is in English. However assignments and final examination can be attempted in Urdu or English.**

## 4.5 BA Dars-e-Nizami Group

(Shahadat ul Alia)  
(All Courses are Compulsory)

### 1<sup>st</sup> Semester

Course Code	Course Title	Credit
472	Quran-e-Hakim	FC
473	Hadith	FC

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

Course Code	Course Title	Credit
474	Islamic Fiqh	FC
475	Usul-ul-Fiqh	FC

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

Course Code	Course Title	Credit
476	Philosophy of Islamic Legislation	FC

### Dars-e-Nizami Compulsory Courses of the University

Course Code	Course Title	Credit
416	Islamiyat	HC
1423	Compulsory English-I	HC

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

Course Code	Course Title	Credit
408	Arabic	FC
417	Pakistan Studies	HC
1424	Compulsory English-II	HC

# Faculty of Arabic & Islamic Studies

**Faculty Coordinator:**

**Mrs. Nighat Abid**



## A. Faculty of Arabic & Islamic Studies

Sr. No.	Programme	Spring Semester	Autumn Semester	Required Credit or Cr. Hrs	Programme's Minimum Duration
<b>1</b>	<b>Functional Non Credit/ Certificate Courses Programmes</b>				
1.1	Functional Non Credit Courses	Fresh	Fresh	Non Credit	01 Semester
<b>2</b>	<b>Secondary School Certificate Programmes</b>				
2.1	SSC Courses	Fresh & Continue	Fresh & Continue	08 Credits	04 Semesters
2.2	SSC ( Dars-e-Nizami) (Sanvia Aammah)	Continue	Continue	08 Credits	04 Semesters
2.3	SSC (Dars-e-Nizami) (Sanvia Aammah) Overseas Students Only	Fresh & Continue	Fresh & Continue	08 Credits	04 Semesters
<b>3</b>	<b>Higher Secondary School Certificate Programmes</b>				
3.1	HSSC Courses	Fresh & Continue	Fresh & Continue	08 Credits	04 Semesters
3.2	HSSC (Dars-e-Nizami) (Sanvia Khasa)	Continue	Continue	08 Credits	04 Semesters
3.3	HSSC (Dars-e-Nizami) (Sanvia Khasa) Overseas Students Only	Fresh & Continue	Fresh & Continue	08 Credits	04 Semesters
<b>4</b>	<b>Bachelor Programmes</b>				
4.1	BA Courses	Fresh & Continue	Fresh & Continue	08 Credits	04 Semesters
4.2	BA (Dars-e-Nizami) (Shahadat ul Alia)	Continue	Continue	08 Credits	04 Semesters
4.3	BA (Dars-e-Nizami) (Shahadat ul Alia) Overseas Students Only	Fresh & Continue	Fresh & Continue	08 Credits	04 Semesters
<b>5</b>	<b>Teacher Training Programmes</b>				
5.1	Arabic Teacher Training Course	Fresh	–	01 Credit	01 Semester
5.2	BEd Arabic (For Dropout Students Only)	Continue	Continue	06 Credits	02 Semesters
<b>6</b>	<b>MA Programmes</b>				
6.1	MA Arabic	Continue	Fresh	60 Cr. Hrs	04 Semesters
6.2	MA Islamic Studies	Continue	Fresh	60 Cr. Hrs	04 Semesters

<b>7</b>	<b>MPhil Programmes</b>				
7.1	MPhil Islamic Studies (General)	Continue	Fresh	36 Cr. Hrs	04 Semesters
7.2	MPhil Islamic Studies Specialization in Quran & Tafseer	Continue	Fresh	36 Cr. Hrs	04 Semesters
7.3	MPhil Arabic	Continue	Fresh	36 Cr. Hrs	04 Semesters
<b>8</b>	<b>PhD Programmes (MPhil Based)</b>				
8.1	PhD Islamic Studies (General)	Continue	Fresh	18 Cr.Hrs + Research Thesis	04 Semesters
8.2	PhD Islamic Studies Specialization in Quran & Tafseer	Continue	Fresh	18 Cr.Hrs + Research Thesis	04 Semesters

# 1. Course Certificate Programmes

## 1.1 Functional/Non Credit Courses

Spring and Autumn, 2017

Code	Course Title	Credit
109	Lughat ul Quran	Non Credit
110	Al Lisanul Arabi	Non Credit
114	Arabi Bole Chall	Non Credit

## 2. Secondary School Certificate (SSC) Programmes

### 2.1 SSC Courses

Spring and Autumn, 2017

Code	Course Title	Credit
201	Islamiat (Compulsory)	Full
205	Arabic	Full
242	Seerat-e-Tayyaba	Half
251	Ethics (for Non Muslim Students Only)	Full

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

(For Continuing Students only)

Spring and Autumn, 2017

Code	Course Title	Credit
<b>1<sup>st</sup> Semester</b>		
240	Quran-e-Hakeem	Full
241	Islamic Fiqh	Full
<b>2<sup>nd</sup> Semester</b>		
202	Pakistan Studies	Full
246	Arabic	Half
242	Seerat-e-Tayyaba	Half
<b>3<sup>rd</sup> Semester</b>		
204	Urdu	Full
207	Compulsory English-I	Half
247	Mathematics-I	Half
<b>4<sup>th</sup> Semester</b>		
203	General Science	Full
221	Compulsory English-II	Half
248	Mathematics-II	Half

**Note:** Course Code 207 is pre-requisite for Course Code 221

Course Code 247 is pre-requisite for Course Code 248

### 2.3 SSC Dars-e-Nizami (Sanvia Aammah) Overseas Students Only (Spring and Autumn, 2017)

Code	Course Title	Credit
<b>Compulsory Courses</b>		
261	English-I	Half
262	English-II	Half
263	Asan Urdu	Full
264	General Science	Full
265	General Math-I	Half
266	General Math-II	Half
267	Pakistan Studies	Full
<b>Dar-e-Nazami Courses (3 Full Credit Courses)</b>		
268	Islamiat (Al Quran)	Full
269	Islami Fiqh	Full
270	Seerat-e-Tayyab	Half
271	Arabic	Half

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

### 3.1 HSSC Courses

Spring and Autumn, 2017

Code	Course Title	Credit
309	Arabic	Full
316	Islamiat (Compulsory)	Half
	<b>OR</b>	
319	Ethics (for Non Muslim Students only)	Half
343	Islamiat (Elective)	Full

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

(For Continuing Students only)  
Spring and Autumn, 2017

Code	Course Title	Credit
389	Quran-e-Hakim	Full
390	Hadith	Full
391	Fiqh	Full
392	Usul-ul-Fiqh	Full

### AIOU (Compulsory Courses)

Code	Course Title	Credit
363	Urdu-I <b>OR</b>	Half
398	Sindhi +Easy Urdu-I (for Sindhi Students only) in lieu of 363	Half
309	Arabic	Full
386	Compulsory English-I	Half
316	Islamiat (Compulsory)	Half
387	Compulsory English-II	Half
364	Urdu-II <b>OR</b>	Half
399	Sindhi +Easy Urdu-II (for Sindhi Students Only) in lieu of 364	Half
357	Health and Nutrition	Half

**Note:** Course Code 363 is pre-requisite for Course Code 364  
 Course Code 386 is pre-requisite for Course Code 387  
 Course Code 398 is pre-requisite for Course Code 399

### 3.3 HSSC Dars-e-Nizami (Sanvia Khasa) Overseas Students Only

(Spring and Autumn, 2017)

Code	Course Title	Credit
<b>Compulsory Courses</b>		
1310	Compulsory English-I	Half
1311	Asan Urdu	Full
1312	Tajweed ul Quran	Half
1313	Arabic	Full
1314	Islamiat	Half
1315	Compulsory English-II	Half
<b>Dars-e-Nazami Compulsory Courses</b>		
1316	Al Quran	Full
1317	Hadith	Full
1318	Fiqh	Full
1319	Usool ul Fiqh	Full

## 4. Bachelor Programmes

### 4.1 BA Courses

Spring and Autumn, 2017

Code	Course Title	Credit
408	Arabic	Full
416	Islamiat (Compulsory)	Half
436	Seerat-e-Tayyaba	Full
437	Islamiat (Elective)	Full
464	Islamic Fiqh	Full
472	Quran-e-Hakim	Full
473	Hadith	Full

### 4.2 BA Dars-e-Nizami (Shahadat ul Alia)

(For Continuing Students only)  
Spring and Autumn, 2017

472	Quran-e-Hakim	Full
473	Hadith	Full
474	Islamic Fiqh	Full
475	Usul-ul-Fiqh	Full
476	Philosophy of Islamic Legislation	Full
<b>AIOU (Compulsory Courses)</b>		
408	Arabic	Full
416	Islamiat (Compulsory)	Half
417	Pakistan Studies	Half
1423	Compulsory English-I	Half
1424	Compulsory English-II	Half

**Note:** Course Code 1423 is pre-requisite for Course Code 1424

### 4.3 BA Dars-e-Nizami (Shahadat ul Alia) Overseas Students Only

(Spring and Autumn, 2017)

Compulsory Courses		
1432	Compulsory English-I	Half
1433	Compulsory English-II	Half
1434	Pakistan Studies	Half
1435	Arabic	Full
1436	Islamiat	Half
1437	Al Quran	Full
1438	Hadith	Full
1439	Islamic Fiqh	Full

1440	Usool ul Fiqh	Full
1441	Philosophy and Objectives of Shariah	Full

## 5. Teacher Training Programmes

### 5.1 Arabic Teachers Training Course (ATTC)

**Fresh Admission Spring, 2017**

Code	Course Title	Credit
608	Arabic Teachers Training Course	Full

### 5.2 BEd Arabic

**(For Dropout Students Only)**

**Spring & Autumn, 2017**

Code	Course Title	Credit	Code	Course Title	Credit
651	English Compulsory	Half	651	English Compulsory	Half
2600	Perspective of Education	Half	2600	Perspective of Education	Half
2601	School Organization	Half	2601	School Organization	Half
2602	Evaluation, Guidance & Research	Half	2602	Evaluation, Guidance & Research	Half
2603	Educational Psychology	Half	2603	Educational Psychology	Half
2604	Islam, Pakistan & Modern World	Half	2604	Islam, Pakistan & Modern World	Half
2606	Teaching of Arabic (Methodologies + Skill	Full	2606	Teaching of Arabic (Methodologies + Skill	Full
2607	Linguistics	Full	2607	Linguistics	Full
*2608	Practical Workshop & Teaching Practice	Full	*2608	Practical Workshop & Teaching Practice	Full
* Workshop is Compulsory Component			* Workshop is Compulsory Component		

## 6. MA Programmes

### 6.1 MA Arabic

Spring, 2017 2 <sup>nd</sup> Semester			Autumn, 2017 Fresh Admission		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
4507	Rehortics	3	4535	Applied Grammar-I	3
4525	History of Arabic Literature (Classical)	3	4536	Applied Grammar-II	3
4526	History of Arabic Literature (Modern)	3	4537	Religious Literature-I	3
			4538	Religious Literature-II	3
<b>3<sup>rd</sup> Semester</b>					
4533	Linguistics-I	3	4508	Teaching Methodology	3
4534	Linguistics-II	3	4527	Poetry-I	3
<b>4<sup>th</sup> Semester</b>			4528	Poetry-II	3
4531	Literary Criticisms-I	3	4529	Prose-I	3
4532	Literary Criticisms-II	3	4530	Prose-II	3
4539	Islamic History-I	3			
4540	Islamic History-II	3			
4541	History of Arabic Literature in Sub Continent-I	3			
4542	History of Arabic Literature in Sub Continent-II	3			

### 6.2 MA Islamic Studies

#### Compulsory Courses

Spring, 2017 2 <sup>nd</sup> Semester			Autumn, 2017 Fresh Admission		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
4601	Islamic History-I	3	4611	Usool Tafsir and History of Tafsir	3
4602	Islamic History-II	3			
4631	Study of Fiqh	3	4612	Study of Quran Hakim (Surah al Nisa and Surah al Maida)	3
4632	Study of Texts of Islamic Fiqh	3			
4639	Arabic Language and Literature (Quran & Hadith)	3			
4640	Arabic Language and Literature (Prose & Poetry)	3	4621	Usool, History of Hadith and Textual Study	3
			4622	Textual Study of Hadith	3

**a. MA Islamic Studies with Specialization in Quran & Tafseer**

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

**b. MA Islamic Studies with Specialization in Hadith & Seerah**

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

**c. MA Islamic Studies with Specialization in Islamic Law & Jurisprudence**

4 <sup>th</sup> Semester			3 <sup>rd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
4591	International Law of Islam	3	4633	Introduction to Islamic Shariah-I	3
4592	Islamic Law of Inheritance and Will	3			
4593	Administrative Law of Islam	3	4634	Introduction to Islamic Shariah-II	3
4594	Land Ownership, Shu'ah and Waqf Law in Islam	3	4635	Procedural Law of Islam	3
		3	4636	Claims Processing and System of Accountability in	3
<b>OR</b>					

4544	Thesis	12		Islamic Law	
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4637	Criminal Law of Islam (Crimes and Hudood)	3
4638	Islamic Law of Qasas, Diat & Tazirat	3

**d. MA Islamic Studies with Specialization in Islamic Thoughts, History and Culture**

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

## 7. MPhil Programmes

### 7.1 MPhil Islamic Studies (General)

Spring 2017 2 <sup>nd</sup> Semester			Autumn 2017 Fresh Admission		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
5785	Applied Research-I	3	5781	Research Methodology-I	3
5786	Applied Research-II	3	5782	Research Methodology-II	3
5787	Research Writing-I	3	5783	Methods of Research in Islam-I	3
5788	Research Writing-II	3	5784	Methods of Research in Islam-II	3
<b>3<sup>rd</sup> Semester</b>					
	716	Thesis			12

### 7.2 MPhil Islamic Studies with Specialization in Quran & Tafseer

Spring 2017 2 <sup>nd</sup> Semester			Autumn 2017 Fresh Admission		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
4737	Israeliyat & Tafseer	3	4735	Research Methodology & Scholarly Writing	3
4738	Methods of Mufasssreen	3			
4739	Sources of Ulmoom-ul-Qur'an & Usul-i-Tafseer	3	4736	Sources of Islamic Sciences	3
4740	Study of Selected Quranic Subjects	3	5790	Islam & Orientalism	3
			5791	Ijtihad: Principles & Methods	3
<b>3<sup>rd</sup> Semester</b>					
	725	Thesis			12

### 7.3 MPhil Arabic

Spring 2017 2 <sup>nd</sup> Semester			Autumn 2017 Fresh Admission		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
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
<b>3<sup>rd</sup> Semester</b>					
	4705	Thesis			12



## 8. PhD Programmes (MPhil Based)

### 8.1 PhD Islamic Studies (General)

Spring 2017 2 <sup>nd</sup> Semester			Autumn 2017 Fresh Admission		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
6724	Methodologies of Seerat Negari	3	6721	Methodologies of Research in Islamic Studies	3
6725	Basic Theories of Islamic Law	3	6753	Methodologies of Tafseer of the Holy Qur'an	3
6726	Introduction to Contemporary Muslim Thinkers & their Thoughts	3	6723	Methodological Studies of Sources of Hadith & Uloom-al-Hadith	3
<b>3<sup>rd</sup> Semester</b>					
	710	Thesis			12

### 8.2 PhD Islamic Studies with Specialization in Quran & Tafseer

Spring 2017 2 <sup>nd</sup> Semester			Autumn 2017 Fresh Admission		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
4732	Applied Research in Ilm-Tafseer & Uloom-ul-Quran	3	4730	Comparative Study of Tafseer Literature	3
4733	Methodologies & Modes of Mufasssreen	3	4731	Quran & Science (A Research Study)	3
4734	Selected Textual Study of Uloom-ul-Quran & Usul-e-Tafseer	3	6722	Contemporary Trends in Tafseer	3
<b>3<sup>rd</sup> Semester</b>					
	4726	Thesis			12

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# Faculty of Education

**Faculty Coordinator:**

**Mrs. Nighat Abid**



## B. Faculty of Education

Sr. No.	Programme	Spring Semester	Autumn Semester	Required Credit or Cr. Hrs	Programme's Minimum Duration
<b>1</b>	<b>Secondary School Certificate Programme</b>				
1.1	SSC Courses	Continue	Continue	08 Credits	04 Semesters
<b>2</b>	<b>Higher Secondary School Programme</b>				
2.1	HSSC Courses	Continue	Continue	08 Credits	04 Semesters
<b>3</b>	<b>Bachelor Programme</b>				
3.1	BA Courses	Continue	Continue	08 Credits	04 Semesters
<b>4</b>	<b>Associate Degree Programmes</b>				
4.1	Associate Degree in Education ( <i>In-Service</i> ) (1 Year)	Fresh & Continue	Fresh & Continue	36 Cr. Hrs	02 Semesters
4.2	Associate Degree in Education (ADE) (2 Years)	Continue	Fresh	72 Cr. Hrs	04 Semesters
4.3	Associate Degree in Education (ADE) (3 Years)	Continue	Fresh	108 Cr. Hrs	06 Semesters
<b>5</b>	<b>Teacher Education Programmes</b>				
5.1	PTC (For Dropout Students Only)	Continue	Continue	05 Credits	02 Semesters
5.2	CT (For Dropout Students Only)	Continue	Continue	05 Credits	02 Semesters
5.3	BEd (For Dropout Students Only)	Continue	Continue	06 Credits	02 Semesters
5.4	BEd (1 ½ Year) (New Scheme)	Fresh & Continue	Fresh & Continue	54 Cr. Hrs	03 Semesters
5.5	BEd (2 ½ Years) (New Programme)	Fresh	Continue	90 Cr. Hrs	05 Semesters
5.6	BEd (4 Years) (New Scheme)	Continue	Fresh	144 Cr. Hrs	08 Semesters
<b>6</b>	<b>MEd Programmes</b>				
6.1	MEd (1 Year) Specialization in Science Education (New Scheme)	Fresh & Continue	Fresh & Continue	18 Cr. Hrs	02 Semesters
6.2	MEd (1 Year) Specialization in Teacher Education (New Scheme)	Fresh & Continue	Fresh & Continue	18 Cr. Hrs	02 Semesters
6.3	MEd (1 Year) Specialization in Elementary Teacher Education (ETE) (New Scheme)	Fresh & Continue	Fresh & Continue	18 Cr. Hrs	02 Semesters

6.4	MEd (1 Year) Specialization in Distance & Non-Formal Education (New Scheme)	Fresh & Continue	Fresh & Continue	18 Cr. Hrs	02 Semesters
6.5	MEd (1 Year) Specialization in Special Education (New Scheme)	Fresh & Continue	Fresh & Continue	18 Cr. Hrs	02 Semesters
6.6	MEd Science Education (Old Scheme of Studies)	Continue	Continue	36 Cr. Hrs	03 Semesters
6.7	MEd Teacher Education (Old Scheme of Studies)	Continue	Continue	36 Cr. Hrs	03 Semesters
6.8	MEd Distance & Non-Formal Education (Old Scheme of Studies)	Continue	Continue	36 Cr. Hrs	03 Semesters
6.9	MEd Special Education (Old Scheme of Studies)	Continue	Continue	36 Cr. Hrs	03 Semesters
<b>7</b>	<b>Postgraduate Diploma &amp; Master Programmes</b>				
7.1	PGD EPM	Fresh	Continue	30 Cr. Hrs	02 Semesters
7.2	MA EPM	Fresh	Continue	60 Cr. Hrs	04 Semesters
7.3	PGD in Early Childhood Education (ECE)	Fresh	Continue	30 Cr. Hrs	02 Semesters
7.4	MA Distance & Non-Formal Education	Fresh	Continue	60 Cr. Hrs	04 Semesters
7.5	MA Teacher Education	Fresh	Continue	60 Cr. Hrs	04 Semesters
7.6	MA Special Education	Fresh	Continue	60 Cr. Hrs	04 Semesters
<b>8</b>	<b>MPhil Programmes</b>				
8.1	MPhil Distance & Non-Formal Education	Fresh	Continue	36 Cr. Hrs	04 Semesters
8.2	MPhil Teacher Education	Fresh	Continue	36 Cr. Hrs	04 Semesters
8.3	MPhil EPM	Fresh	Continue	36 Cr. Hrs	Minimum 04 Semesters & Maximum 10 Semesters
8.4	MPhil Special Education	Fresh	Continue	36 Cr. Hrs	04 Semesters
8.5	MPhil Science Education	Fresh	Continue	36 Cr. Hrs	04 Semesters
8.6	MPhil Education (Elementary Teacher Education)	Fresh	Continue	36 Cr. Hrs	04 Semesters
<b>9</b>	<b>PhD Programmes (MPhil Based)</b>				
9.1	PhD Distance & Non-Formal Education	Fresh	Continue	18 Cr. Hrs + Research Thesis	10 Semesters (Maximum time period)
9.2	PhD Teacher Education	Fresh	Continue	-do-	-do-
9.3	PhD EPM	Fresh	Continue	-do-	Minimum 06 Semesters & Maximum 10 Semesters
9.4	PhD Special Education	Fresh	Continue	-do-	10 Semesters

					(Maximum time period)
9.5	PhD Science Education	Fresh	Continue	-do-	-do-

## 1. Secondary School Certificate (SSC) Programme

Spring & Autumn, 2017

Code	Course Title	Credit
215	Education	Full

## 2. Higher Secondary School Certificate (HSSC) Programme

Spring & Autumn, 2017

312	Education	Full
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## 3. Bachelor Programme

### 3.1 BA Courses

Spring & Autumn, 2017

419	Education	Full
429	Mass Education/Literacy	Full

## 4. Associate Degree Programmes

### 4.1 Associate Degree in Education (In-Service) (1 Year)

Spring 2017 2 <sup>nd</sup> Semester			Autumn, 2017 Fresh Admission		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
6403	Classroom Management	3	5436	Islamiat (Compulsory)	3
6407	Classroom Assessment	3	5437	<b>OR</b> Ethics (for Non-Muslim Students only)	3
6410	Arts Craft & Calligraphy	3			
6412	School Society & Teacher	3			
<b>Professional Courses</b> Any two courses from the following (6 Credits Hour)					
			5403	Basics of ICT	3
			5404	Compulsory English-I	3
1655	Teaching of English	3	6400	General Methods of Teaching	3
1659	Teaching of Urdu	3			

6408	Teaching of Islamic Studies & Pak. Studies	3	6402	Educational Psychology & Guidance	3
6409	Teaching of Math	3			
6414	Teaching of General Science	3			
<p><b>Note: Course offering will depend on its availability. The department may change the sequence of courses' offering. For each 3 credit course there will be a workshop for two days.</b></p>					

#### 4.2 Associate Degree in Education (ADE) (2-Years)

Spring 2017 2 <sup>nd</sup> Semester			Autumn, 2017 Fresh Admission		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
5411	Compulsory English-II	3	5404	Compulsory English-I	3
6401	General Math and Statistics	3	5436	Islamiat (Compulsory)	3
6402	Educational Psychology & Guidance	3	5437	<b>OR</b> Ethics (for Non-Muslim Students only)	3
6403	Classroom Management	3	5438	Pakistan Studies	3
1655	Teaching of English	3	6400	General Methods of Teaching	3
1659	Teaching of Urdu	3	6416	Urdu	3
4 <sup>th</sup> Semester			5403	Basics of Information & Communication Technology	3
6410	Arts Craft & Calligraphy	3	3 <sup>rd</sup> Semester		
6411	Foundations of Education	3	6404	General Science	3
6412	School Society & Teacher	3	6405	Education in Pakistan	3
6413	Introduction to Inclusive Education	3	6406	Curriculum Development	3
6414	Teaching of General Science	3	6407	Classroom Assessment	3
6415	Short Term Teaching Practice	3	6408	Teaching of Islamic Studies & Pak Studies	3
			6409	Teaching of Math	3

#### 4.3 Associate Degree in Education (ADE) (3 Years)

Spring 2017 2 <sup>nd</sup> Semester			Autumn, 2017 Fresh Admission		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
5411	Compulsory English-II	3	5404	Compulsory English-I	3

1651	Child Development	3	5436	Islamiat (Compulsory)	3
1655	Teaching of English	3		<b>OR</b>	
1659	Teaching of Urdu	3	5437	Ethics (for Non-Muslim Students only)	3
6401	General Math and Statistics	3	5438	Pakistan Studies	3
6403	Classroom Management	3	5403	Basics of Information & Communication Technology	3
			6400	General Methods of Teaching	
			6416	Urdu	3
<b>3<sup>rd</sup> Semester</b>					
1650	Education in Pakistan	3			
1653	Classroom Assessment	3			
1654	Curriculum & Instruction	3			
6404	General Science	3			
6408	Teaching of Islamic Studies & Pak Studies	3			
6409	Teaching of Math	3			

## 5. Teachers Education Programmes

### 5.1 PTC Programme

(For Dropout Students Only)  
Spring & Autumn, 2017

Code	Course Title	Credit	Code	Course Title	Credit
613	Principles of Education	Half	613	Principles of Education	Half
614	Educational Psychology	Half	614	Educational Psychology	Half
615	School Organization	Half	615	School Organization	Half
616	School Community and Practical Arts	Half	616	School Community and Practical Arts	Half
617	Teaching of Urdu	Half	617	Teaching of Urdu	Half
618	Teaching of Mathematics	Half	618	Teaching of Mathematics	Half
619	Teaching of Sciences & Physical Education	Half	619	Teaching of Sciences & Physical Education	Half
620	Teaching of Islamiat & Social Studies	Half	620	Teaching of Islamiat & Social Studies	Half
611	Practical Workshop & Teaching Practice	Full	611	Practical Workshop & Teaching Practice	Full

### 5.2 CT Programme

(For Dropout Students Only)  
Spring & Autumn 2017

Code	Course Title	Credit	Code	Course Title	Credit
631	Dimensions in Education	Half	631	Dimensions in Education	Half
632	Educational Psychology	Half	632	Educational Psychology	Half
633	School Organization and Management	Half	633	School Organization and Management	Half
638	Teaching Strategies and Curriculum	Half	638	Teaching Strategies and Curriculum	Half
604	Urdu & Its Teaching	Half	604	Urdu & Its Teaching	Half
605	Social Studies and Its Teaching	Half	605	Social Studies and Its Teaching	Half
606	Home Economics and Its Teaching	Half	606	Home Economics and Its Teaching	Half
607	Science and Its Teaching	Half	607	Science and Its Teaching	Half
635	Islamiat and Its Teaching	Half	635	Islamiat and Its Teaching	Half
634	English and Its Teaching	Half	634	English and Its Teaching	Half

612	Practical Workshop and Teaching Practice	Full	612	Practical Workshop and Teaching Practice	Full
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### 5.3 BEd Programme

(Old Scheme)

(For Dropout Students Only)

Spring & Autumn, 2017

Code	Course Title	Credit	Code	Course Title	Credit
512	Perspective of Education	Half	512	Perspective of Education	Half
513	School Organization	Half	513	School Organization	Half
514	Evaluation, Guidance & Research	Half	514	Evaluation, Guidance & Research	Half
518	Educational Psychology	Half	518	Educational Psychology	Half
651	English Compulsory	Half	651	English Compulsory	Half
652	Islam, Pakistan & Modern World	Half	652	Islam, Pakistan & Modern World	Half
<b>a. Humanities Group</b>			<b>a. Humanities Group</b>		
517	Teaching of Pakistan Studies	Full	517	Teaching of Pakistan Studies	Full
519	Teaching of English	Full	519	Teaching of English	Full
654	Islamiat & Its Teaching	Full	654	Islamiat & Its Teaching	Full
657	Teaching of General Science	Full	657	Teaching of General Science	Full
658	Teaching of Urdu	Full	658	Teaching of Urdu	Full
<b>b. Science Group</b>			<b>b. Science Group</b>		
520	Teaching of Biology	Full	520	Teaching of Biology	Full
653	Teaching of Chemistry	Full	653	Teaching of Chemistry	Full
656	Teaching of Physics	Full	656	Teaching of Physics	Full
657	Teaching of General Science	Full	657	Teaching of General Science	Full
661	Teaching of Mathematics	Full	661	Teaching of Mathematics	Full
655*	Workshop	Full	655*	Workshop	Full
<b>*Workshop is Compulsory Component for “a” and “b” Groups</b>			<b>*Workshop is Compulsory Component for “a” and “b” Groups</b>		

## 5.4 BEd Programme (1½ Year)

(New Scheme)

Spring, 2017 2 <sup>nd</sup> Semester (For those students who enrolled in Autumn, 2016)			Autumn, 2017 2 <sup>nd</sup> Semester (For those students who enrolled in Spring, 2017)		
Code	Course Title	Credit	Code	Course Title	Credit
8607	Teaching Practice-I	3	8607	Teaching Practice-I	3
8611	Critical Thinking and Reflective Practices	3	8611	Critical Thinking and Reflective Practices	3
<b>Area-6 (Reading)</b>			<b>Area-6 (Reading)</b>		
8634	Foundations of Reading	3	8634	Foundations of Reading	3
8635	Teaching Reading	3	8635	Teaching Reading	3
8636	Reading Difficulties	3	8636	Reading Difficulties	3
8637	Reading Assessment	3	8637	Reading Assessment	3
<b>Area-1 (Leadership and Management)</b>			<b>Area-1 (Leadership and Management)</b>		
8615	Management Strategies In Educational Institutions	3	8615	Management Strategies In Educational Institutions	3
8616	School Administration and Supervision	3	8616	School Administration and Supervision	3
8617	Plan Implementation and Educational Management	3	8617	Plan Implementation and Educational Management	3
8618	School Leadership	3	8618	School Leadership	3
<b>Area-2 (Educational Teaching and Evaluation)</b>			<b>Area-2 (Educational Teaching and Evaluation)</b>		
8619	Educational Technology	3	8619	Educational Technology	3
8620	Computers in Education	3	8620	Computers in Education	3
8621	Broadcast Media	3	8621	Broadcast Media	3
8622	Non Broadcast Media	3	8622	Non Broadcast Media	3
<b>Area-3 (Teaching Education)</b>			<b>Area-3 (Teaching Education)</b>		
8623	Elementary Education	3	8623	Elementary Education	3
8624	Secondary Education	3	8624	Secondary Education	3
8625	Higher Education	3	8625	Higher Education	3
8626	Non Broadcast Media	3	8626	Non Broadcast Media	3
<b>Area-4 (Science Education)</b>			<b>Area-4 (Science Education)</b>		
8627	Foundation of Science Education	3	8627	Foundation of Science Education	3
8628	Assessment in Science Education	3	8628	Assessment in Science Education	3
8629	Laboratory Organization, Management and Safety	3	8629	Laboratory Organization, Management and Safety	3

	Methods			Methods	
8638	General Science in Schools	3	8638	General Science in Schools	3
<b>Code</b>	<b>Course Title</b>	<b>Credit</b>	<b>Code</b>	<b>Course Title</b>	<b>Credit</b>
<b>Area-5 (Inclusive Education)</b>			<b>Area-5 (Inclusive Education)</b>		
8630	Introduction to Inclusive Education	3	8630	Introduction to Inclusive Education	3
8631	Introduction to Special Education	3	8631	Introduction to Special Education	3
8632	Inclusive Education: Adaptations in Curriculum	3	8632	Inclusive Education: Adaptations in Curriculum	3
8633	Inclusive Education: Adaptation in Instruction and Evaluation	3	8633	Inclusive Education: Adaptation in Instruction and Evaluation	3
<b>Spring, 2017 Fresh Admission</b>			<b>Autumn, 2017 Fresh Admission</b>		
8601	General Methods of Teaching	3	8601	General Methods of Teaching	3
8602	Educational Assessment and Evaluation	3	8602	Educational Assessment and Evaluation	3
8603	Curriculum Development	3	8603	Curriculum Development	3
8604	Research Methods in Education	3	8604	Research Methods in Education	3
8605	Educational Leadership and Management	3	8605	Educational Leadership and Management	3
8606	Citizenship Education and Community	3	8606	Citizenship Education and Community	3
<b>Autumn, 2017 3<sup>rd</sup> Semester (For those students who enrolled in Autumn, 2016)</b>					
8608	Teaching Practice-II	3			
8609	Philosophy of Education	3			
8610	Human Development	3			
8612	Professionalism in Teaching	3			
8613	Research Project	3			
8614	Educational Statistics	3			

## 5.5 BEd Programme (2½ Years)

(New Programme)

(Specialization in Elementary Teacher Education)

Spring, 2017 Fresh Admission (Bridging Semester)			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
1425	Basics of Technical Writing	3	8601	General Methods of Teaching (Professional)	3
5403	Basic of Information and Communication Technology	3			
6401	General Mathematics & Statistics	3	8602	Educational Assessment and Evaluation	3
8605	Educational Leadership and Management	3	8603	Curriculum Development (Foundation)	3
8606	Citizenship Education and Community Engagement	3	8609	Philosophy of Education	3
8611	Critical Thinking and Reflective Practices	3		Academic Content Course-I (Discipline-I)	3
				Academic Content Course-I (Discipline-II)	3

## 5.6 BEd (4 Years) Programme

(New Scheme)

(Specialization in Secondary Teacher Education & Elementary Teacher Education)

Spring 2017 2 <sup>nd</sup> Semester			Autumn, 2017 Fresh Admission		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
5411	Compulsory English-II	3	5436	Islamiat <b>OR</b>	3
6401	General Math and Statistics	3			
6402	Educational Psychology & Guidance	3	5437	Ethics (For Non-Muslim Students only)	3
6403	Classroom Management	3	5438	Pakistan Studies	3
1659	Teaching of Urdu	3	5404	Compulsory English-I	3
1655	Teaching of English	3	5403	Basics of Information & Communication Technology	3
			6400	General Methods of Teaching	3
			6416	Urdu	3
<b>3<sup>rd</sup> Semester</b>					
			6404	General Science	3
			6405	Education in Pakistan	3
			6406	Curriculum Development	3
			6407	Classroom Assessment	3
			6408	Teaching of Islamic	3

	Studies & Pak Studies	
6409	Teaching of Math	3

## 6. MEd Programmes

### 6.1 MEd Science Education (1 Year)

(New Scheme)

Spring, 2017 2 <sup>nd</sup> Semester (For those students who enrolled in Autumn, 2016)			Autumn, 2017 2 <sup>nd</sup> Semester (For those students who enrolled in Spring, 2017)		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
697	Assessment in Science Education	3	697	Assessment in Science Education	3
698	Laboratory Organization, Management & Safety Methods	3	698	Laboratory Organization, Management & Safety Methods	3
848	Thesis <b>OR</b> (in Lieu of Thesis)	12	848	Thesis <b>OR</b> (in Lieu of Thesis)	12
846	Teaching Strategies	3	846	Teaching Strategies	3
855	Computer in Education	3	855	Computer in Education	3
6506	Education in Pakistan	3	6506	Education in Pakistan	3
6507	Educational Measurement and Evaluation	3	6507	Educational Measurement and Evaluation	3
Spring, 2017 Fresh Admission			Autumn, 2017 Fresh Admission		
831	Foundations of Education	3	831	Foundations of Education	3
837	Educational Research	3	837	Educational Research	3
838	Curriculum Development & Instructions	3	838	Curriculum Development & Instructions	3
840	Educational Psychology	3	840	Educational Psychology	3
695	Foundations of Science Education	3	695	Foundations of Science Education	3
696	Teaching Strategies in Science Education	3	696	Teaching Strategies in Science Education	3

## 6.2 MEd Teacher Education (1 Year)

(New Scheme)

Spring, 2017 2 <sup>nd</sup> Semester (For those students who enrolled in Autumn, 2016)			Autumn, 2017 2 <sup>nd</sup> Semester (For those students who enrolled in Spring, 2017)		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
826	Elementary Education	3	826	Elementary Education	3
827	Secondary Education	3	827	Secondary Education	3
828	Higher Education	3	828	Higher Education	3
829	Teacher Education in Pakistan	3	829	Teacher Education in Pakistan	3
849	Thesis (Continued) <b>OR</b>	6	849	Thesis (Continued) <b>OR</b>	6
6552	Textbook Development-I	3	6552	Textbook Development-I	3
6553	Textbook Development-II	3	6553	Textbook Development-II	3
Spring, 2017 Fresh Admission			Autumn, 2017 Fresh Admission		
831	Foundations of Education	3	831	Foundations of Education	3
837	Educational Research	3	837	Educational Research	3
838	Curriculum Development & Instructions	3	838	Curriculum Development & Instructions	3
840	Educational Psychology	3	840	Educational Psychology	3
849	Thesis <b>OR</b>	6	849	Thesis <b>OR</b>	6
6505	Islamic System of Education	3	6505	Islamic System of Education	3
6507	Educational Measurement and Evaluation	3	6507	Educational Measurement and Evaluation	3

## 6.3 MEd Distance & Non-Formal Education (1 Year)

(New Scheme)

Spring, 2017 2 <sup>nd</sup> Semester (For those students who enrolled in Autumn, 2016)			Autumn, 2017 2 <sup>nd</sup> Semester (For those students who enrolled in Spring, 2017)		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
834	Educational Technology	3	834	Educational Technology	3
841	Educational Measurement and Evaluation	3	841	Educational Measurement and Evaluation	3

846	Teaching Strategies	3	846	Teaching Strategies	3
852	Broadcast Media in DNFE	3	852	Broadcast Media in DNFE	3
853	Non Broadcast Media in DNFE	3	853	Non Broadcast Media in DNFE	3
854	Developing Material for DNFE	3	854	Developing Material for DNFE	3
<b>OR</b>			<b>OR</b>		
852	Broadcast Media in DNFE	3	852	Broadcast Media in DNFE	3
854	Developing Material for DNFE	3	854	Developing Material for DNFE	3
839	Thesis	12	839	Thesis	12
<b>Spring, 2017 Fresh Admission</b>			<b>Autumn, 2017 Fresh Admission</b>		
831	Foundations of Education	3	831	Foundations of Education	3
837	Educational Research	3	837	Educational Research	3
838	Curriculum Development and Instruction	3	838	Curriculum Development and Instruction	3
840	Educational Psychology	3	840	Educational Psychology	3
851	The System of Distance Education	3	851	The System of Distance Education	3
855	Computers in Education	3	855	Computers in Education	3

## 6.4 MEd Special Education (1 Year)

(New Scheme)

<b>Spring, 2017 2<sup>nd</sup> Semester (For those students who enrolled in Autumn, 2016)</b>			<b>Autumn, 2017 2<sup>nd</sup> Semester (For those students who enrolled in Spring, 2017)</b>		
<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>	<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>
846	Teaching Strategies	3	846	Teaching Strategies	3
3600	Face-to-Face Component (Workshop, Teaching Practice, Final Lesson)	3	3600	Face-to-Face Component (Workshop, Teaching Practice, Final Lesson)	3
<b>Four Courses from any following Specialization Areas</b>			<b>Four Courses from any following Specialization Areas</b>		
<b>i. Visual Impairment</b>			<b>i. Visual Impairment</b>		
677	Independence Training for the Visually Handicapped	3	677	Independence Training for the Visually Handicapped	3
678	Special Education for the Visually Handicapped	3	678	Special Education for the Visually Handicapped	3
3601	Braille Practical Course (Urdu)	3	3601	Braille Practical Course (Urdu)	3
3602	Braille Practical Course (English)	3	3602	Braille Practical Course (English)	3

<b>ii. Hearing Impairment</b>			<b>ii. Hearing Impairment</b>		
680	General Introduction to the Hearing Impairment	3	680	General Introduction to the Hearing Impairment	3
681	Psychology of Deafness and Child Development	3	681	Psychology of Deafness and Child Development	3
682	Speech and Hearing	3	682	Speech and Hearing	3
683	Audiology & Audiometry	3	683	Audiology & Audiometry	3
<b>iii. Mental Retardation</b>			<b>iii. Mental Retardation</b>		
3603	Introduction and Assessment of Mentally Retarded Children-I	3	3603	Introduction and Assessment of Mentally Retarded Children-I	3
3604	Introduction and Assessment of Mentally Retarded Children -II	3	3604	Introduction and Assessment of Mentally Retarded Children -II	3
3605	Education of the Mentally Retarded Children-I	3	3605	Education of the Mentally Retarded Children-I	3
3606	Education of the Mentally Retarded Children-II	3	3606	Education of the Mentally Retarded Children-II	3
<b>iv. Physical Disabilities</b>			<b>iv. Physical Disabilities</b>		
3607	Physical Handicaps-I	3	3607	Physical Handicaps-I	3
3608	Physical Handicaps-II	3	3608	Physical Handicaps-II	3
3609	Educational Adaptation for Children with Physical Disabilities-I	3	3609	Educational Adaptation for Children with Physical Disabilities-I	3
3610	Educational Adaptation for Children with Physical Disabilities -II	3	3610	Educational Adaptation for Children with Physical Disabilities -II	3
<b>Spring, 2017 Fresh Admission</b>			<b>Autumn, 2017 Fresh Admission</b>		
671	Educational Psychology	3	671	Educational Psychology	3
672	Perspectives of Special Education	3	672	Perspectives of Special Education	3
673	Handicapped Persons in the Community	3	673	Handicapped Persons in the Community	3
831	Foundations of Education	3	831	Foundations of Education	3
837	Educational Research	3	837	Educational Research	3
838	Curriculum Development and Instructions	3	838	Curriculum Development and Instructions	3

## 6.5 MEd Elementary Teacher Education (ETE) (1 Year)

(New Scheme)

Spring, 2017 2 <sup>nd</sup> Semester (For those students who enrolled in Autumn, 2016)			Autumn, 2017 2 <sup>nd</sup> Semester (For those students who enrolled in Spring, 2017)		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
625	Perspective of Elementary Education	3	625	Perspective of Elementary Education	3
627	ICT in Education	3	627	ICT in Education	3
699	Thesis	12	699	Thesis	12
623	OR Teaching Strategies at Elementary Level	3	623	OR Teaching Strategies at Elementary Level	3
626	Elementary Teacher Education	3	626	Elementary Teacher Education	3
629	Guidance & Counselling in Elementary School	3	629	Guidance & Counselling in Elementary School	3
831	Foundations of Education	3	831	Foundations of Education	3
Spring, 2017 Fresh Admission			Autumn, 2017 Fresh Admission		
622	Elementary School Management	3	622	Elementary School Management	3
826	Elementary Education	3	826	Elementary Education	3
837	Educational Research	3	837	Educational Research	3
838	Curriculum Development & Instructions	3	838	Curriculum Development & Instructions	3
840	Educational Psychology	3	840	Educational Psychology	3
1627	Classroom Assessment	3	1627	Classroom Assessment	3

## 6.6 MEd Science Education (1½ Year)

(Old Scheme for Continuing Students Only)

Spring, 2017 1 <sup>st</sup> Semester			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
831	Foundations of Education	3	695	Foundations of Science Education	3
837	Educational Research	3			
838	Curriculum Development & Instructions	3	696	Teaching Strategies in Science Education	3

840	Educational Psychology	3	697	Assessment in Science Education	3
<b>3<sup>rd</sup> Semester</b>					
846	Teaching Strategies	3	698	Laboratory Organization, Management & Safety Methods	3
855	Computer in Education	3			
6506	Education in Pakistan	3			
6507	Educational Measurement and Evaluation	3			
	<b>OR</b>				
848	Thesis	12			

## 6.7 MEd Teacher Education (1½ Year)

(Old Scheme for Continuing Students Only)

Spring, 2017 1 <sup>st</sup> Semester			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
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 Pakistan	3
<b>3<sup>rd</sup> Semester</b>					
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	12			

## 6.8 MEd Distance & Non-Formal Education (1½ Year)

(Old Scheme for Continuing Students Only)

Spring, 2017 1 <sup>st</sup> Semester			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
831	Foundations of Education	3	851	The System of Distance Education	3
837	Educational Research	3			
838	Curriculum Development and Instruction	3	852	Broadcast Media in DNFE	3
840	Educational Psychology	3	853	Non Broadcast Media in DNFE	3

<b>3<sup>rd</sup> Semester</b>			854	Developing Material for Distance and Non Formal Education	3
834	Educational Technology	3			
835	Foundations of Adult Education	3			
846	Teaching Strategies	3			
855	Computers in Education	3			
<b>OR</b>					
839	Thesis	12			

## 6.9 MEd Special Education (1½ Year)

(Old Scheme for Continuing Students Only)

<b>Spring, 2017 1<sup>st</sup> Semester</b>			<b>Autumn, 2017 2<sup>nd</sup> Semester</b>		
			<b>Students can take any one specialization of 12 Credit Hours</b>		
<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>	<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>
671	Educational Psychology	3	<b>a. Visual Impairment</b>		
672	Perspectives of Special Education	3	3601	Braille Practical Course (Urdu)	3
673	Handicapped Persons in the Community	3	3602	Braille Practical Course (English)	3
846	Teaching Strategies	3	677	Independence Training for the Visually Handicapped	3
<b>3<sup>rd</sup> Semester</b>			678	Special Education for the Visually Handicapped	3
831	Foundations of Education	3	<b>b. Hearing Impairment</b>		
837	Educational Research	3	680	General Introduction to the Hearing Impairment	3
838	Curriculum Development and Instructions	3	681	Psychology of Deafness and Child Development	3
3600	Face to Face Component	3	682	Speech and Hearing	3
			683	Audiology & 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

## 7. Postgraduate Diploma & Master Programmes

### 7.1 PGD in Educational Planning & Management

Spring, 2017 Fresh Admission			Autumn, 2017 Compulsory Courses		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
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

## 7.2 MA Educational Planning & Management

Spring, 2017 Fresh Admission			Autumn, 2017 For Continuing Students A Student can opt maximum 18 Cr.Hours courses from Group A & B		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
6557	Basic Concepts of Educational Planning-I	3	<b>Group "A"</b>		
6558	Basic Concepts of Educational Planning-II	3	6559	Processes of Educational Planning-I	3
6561	Plan Implementation and Management-I	3	6560	Processes of Educational Planning-II	3
6562	Plan Implementation and Management-II	3	6563	Curriculum Planning & Evaluation-I	3
<b>Spring, 2017 Semester A Student can opt maximum 18 Cr.Hours courses from Group A &amp; B</b>			6564	Curriculum Planning & Evaluation-II	3
<b>Group "A"</b>			6567	Development Education-I	3
6557	Basic Concepts of Educational Planning-I	3	6568	Development Education-II	3
6558	Basic Concepts of Educational Planning-II	3	6571	Project Implementation, Monitoring and Evaluation-I	3
6561	Plan Implementation and Management-I	3	6572	Project Implementation, Monitoring and Evaluation-II	3
6562	Plan Implementation and Management-II	3	6573	Planning for Population Education-I	3
6565	Economics and Financing of Education-I	3	6574	Planning for Population Education-II	3
6566	Economics and Financing of Education-II	3	510	Research Thesis	12
6569	Educational Research and Statistics-I	3	<b>Note: To take admission in course code 510, courses 6569 and 6570 are pre-requisite</b>		
6570	Educational Research and Statistics-II	3	<b>Group "B"</b>		
510	Research Thesis	12	826	Elementary Education	3
<b>Note: To take admission in course code 510, courses 6569 and 6570 are pre-requisite</b>			827	Secondary Education	3
<b>Group "B"</b>			828	Higher Education	3
<b>Group "B"</b>			829	Teacher Education	3
831	Foundation of Education	3			
837	Educational Research	3			
838	Curriculum & Instruction	3			
840	Educational Psychology	3			

### 7.3 PGD in Early Childhood Education (ECE)

Spring, 2017 Fresh Admission			Autumn, 2017 Compulsory Courses		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
1624	Introduction to Early Childhood Education	3	6403	Classroom Management	3
			6410	Arts, Craft & Calligraphy	3
1625	Early Childhood Curriculum	3	6413	Introduction to Inclusive Education	3
1626	Child Development	3	1630	Practicum	3
1627	Classroom Assessment	3			
1628	Teaching Literacy	3			
1629	Language Learning in Early Childhood	3			

### 7.4 MA Distance & Non-Formal Education

Spring, 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
831	Foundations of Education	3	833	Student Support Services in Distance Education	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
<b>3<sup>rd</sup> Semester</b>			<b>4<sup>th</sup> Semester</b>		
844	Non- Formal Education	3	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			
851	System of Distance Education	3			
<b>OR</b>					
857	Thesis	12	6550	Teaching Practice-I	3
			6551	Teaching Practice-II	3

## 7.5 MA Teacher Education

Spring, 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
837	Educational Research	3	827	Secondary Education	3
6500	Foundations of Education	3	828	Higher Education	3
6501	Educational Psychology & Guidance	3	829	Teacher Education in Pakistan	3
6503	Curriculum and Instruction	3	6508	Teaching of English	3
6505	Islamic System of Education	3		<b>AND</b>	
6507	Educational Measurement and Evaluation	3	<b>Please select any one group from the following two groups.</b>		
<b>3<sup>rd</sup> Semester</b>			6509	Teaching of Urdu	3
6502	Educational Management and Supervision	3	6511	Teaching of Pakistan Studies	3
6506	Education in Pakistan	3	<b>OR</b>		
6554	Workshop and Teaching Practice-I	3	6515	Teaching of Mathematics	3
			6516	Teaching of Physics	3
6555	Workshop and Teaching Practice-II	3	<b>4<sup>th</sup> Semester</b>		
			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

## 7.6 MA Special Education

Spring, 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester Students can take any one Specialization of 12 Cr.Hours		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
671	Educational Psychology	3	<b>a. Visual Impairment</b>		
672	Perspectives of Special Education	3	3601	Braille Practical Course-Urdu	3
673	Handicapped Persons in the Community	3	3602	Braille Practical Course-English	3
831	Foundations of Education	3	677	Independence Training	3

837	Educational Research	3	for Visually Handicapped
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838	Curriculum Development and Instructions	3	678	Special Education for the Visually Handicapped	3
<b>3<sup>rd</sup> Semester</b>			<b>b. Hearing Impairment</b>		
3611	Organization and Management of Special Schools-I	3	680	General Introduction to the Hearing Impairment	3
3612	Organization and Management of Special Schools-II	3	681	Psychology of Deafness and Child Development	3
			682	Speech and Hearing	3
			683	Audiology and Audiometry	3
3613	Community Based Rehabilitation of People with Disabilities-I	3	<b>c. Mental Retardation</b>		
3614	Community Based Rehabilitation of People with Disabilities-II	3	3603	Introduction and Assessment of Mentally Retarded Children-I	3
			3604	Introduction and Assessment of Mentally Retarded Children-II	3
3600	Face to Face Component	3	3605	Education of Mentally Retarded Children-I	3
846	Teaching Strategies	3	3606	Education of 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>Autumn, 2017 4<sup>th</sup> Semester</b>					
			694	Thesis	12
<b>OR</b>					
<b>Any Four Master level courses from the following</b>					
<b>a. Visual Impairment</b>					
3601	Braille Practical Course Urdu	3			
3602	Braille Practical Course English	3			
677	Independence Training for the Visually Handicapped	3			

678	Special Education for the Visually Handicapped Children	3
<b>b. Hearing Impairment</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	The 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 and Non Formal Education	3

## 8. MPhil Programmes

### 8.1 MPhil Distance & Non-Formal Education

Spring, 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester Twelve credit hours courses (any two clusters)		
Code	Course Title	Cr. Hours	Code	Course Title	Cr. Hours
<b>MPhil Level Courses</b>			<b>Cluster A</b>		
3701	Trends and Issues in Education	3	3726	Non Formal Education-I	3
			3727	Non Formal Education-II	3
3703	Trends and Issues in Distance Education	3	<b>Cluster B</b>		
			3728	Adult Education/Literacy-I	3
3705	Computer Applications in Education	3	3729	Adult Education/Literacy-II	3
			<b>Cluster C</b>		
3706	Advanced Course on Educational Research and Statistics	3	3730	Educational Technology-I	3
			3731	Educational Technology-II	3
<b>3<sup>rd</sup> Semester</b>			<b>Cluster D</b>		
3714	Thesis	12	3732	Distance Education-I	3
			3733	Distance Education-II	3
			<b>4<sup>th</sup> Semester</b>		
			3714	Thesis Continued	12

## 8.2 MPhil Teacher Education

Spring, 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester Twelve Credit Hours (any two clusters)		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
3701	Trends and Issues in Education	3	<b>Cluster A</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>Cluster B</b>		
			3739	Teaching Strategies-I	3
			3740	Teaching Strategies-II	3
			<b>Cluster C</b>		
<b>3<sup>rd</sup> Semester</b>			3742	Measurement and Evaluation in Education-I	3
3713	Research Thesis	12	3743	Measurement and Evaluation in Education-II	3
			<b>4<sup>th</sup> Semester</b>		
			3713	Research Thesis Continued	12

## 8.3 MPhil Educational Planning & Management

Spring, 2017 Fresh Admission 12 Credit Hours			Autumn, 2017 2 <sup>nd</sup> Semester 12 Credit Hours		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
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	3734	Advanced course on Educational Management-I	3
3706	Advance Course on Educational Research and Statistics	3	3735	Advanced Course on Educational Management-II	3
<b>3<sup>rd</sup> Semester</b>					
3715	Research Thesis	12	<b>4<sup>th</sup> Semester</b>		
			3715	Research Thesis	12

## 8.4 MPhil Special Education

Spring, 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
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>			<b>Makeup Courses (MA Level) for The students who are without MA/ MEd Special Education Degree. 6 Credit Hours Courses from Any Specialization Area</b>		
672	Perspectives of Special Education	3	<b>a. Visual Impairment</b>		
673	Handicapped Persons in the Community	3	677	Independence Training for the Visually Handicapped	3
<b>3<sup>rd</sup> Semester</b>			678	Special Education for Visually Handicapped	3
3712	Research Thesis	12	<b>b. Hearing Impairment</b>		
			680	General Introduction to the Hearing Impairment	3
			681	Psychology of Deafness & Child Development	3
			<b>c. Mental Retardation</b>		
			3603	Introduction & Assessment of Mentally Retarded Children-I	3
			3604	Introduction & Assessment of Mentally Retarded Children-II	3
			<b>d. Physical Disabilities</b>		
			3607	Physical Handicaps-I	3
			3608	Physical Handicaps-II	3

## 8.5 MPhil Science Education

Spring, 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
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			4 <sup>th</sup> Semester		
3720	Research Thesis Continued	24	3720	Research Thesis Continued	24

## 8.6 MPhil Education (Elementary Teacher Education)

Spring, 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
3751	Advanced Research Methods	3	3755	Foundations of Education	3
3752	Educational Leadership & Supervision	3	3756	Trends and Issues in Elementary Education	3
3753	Curriculum & Instruction	3	3757	Curriculum Design	3
3754	Assessment & Evaluation in Education	3	3758	Curriculum Evaluation	3
			3759	Test & Scale Development	3
			3760	Assessment & Reporting of Student Learning	3
			3761	Psychological Testing	3
			3762	Social Psychology	3
			3763	Educational Statistics	3
			3764	Critiques in Educational Research	3
			3765	Organizational Theory & Behaviour in Education	3
			3766	Economics & Finance of Education	3

## 9. PhD Programmes (MPhil Based)

### 9.1 PhD Distance & Non-Formal Education

Spring, 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester (Any 09 Credit Hours)		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
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	<b>Collateral Area</b> (Student will take one course from this area equivalent to 03 credit hours)		
<b>3<sup>rd</sup> Semester</b>			4776	Discourse Analysis	3
4786	Research Thesis (Student can take Research Thesis after fulfilling the requirements as per rules)	24	4777	Emerging Trends in Pedagogy	3
			4783	Educational Leadership & Management	3
<b>4<sup>th</sup> Semester</b>			4786	Research Thesis (Continued)	24

### 9.2 PhD Teacher Education

Spring 2017 Fresh Admission			2 <sup>nd</sup> Semester Autumn, 2017		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
4774	Comparative Education	3	4776	Discourse Analysis	3
4775	Instrumentation in Educational Research	3	4777	Emerging Trends in Pedagogy	3
4778	E-Learning	3	<b>Collateral Area courses any one of the following</b>		
<b>3<sup>rd</sup> Semester</b>			4782	Human Resource Management	3
4787	Research Thesis (Student can take Research Thesis after fulfilling the requirements as per rules)	24	4783	Educational Leadership & Management	3
			<b>4<sup>th</sup> Semester</b>		
			4787	Research Thesis (Continued)	24

### 9.3 PhD Educational Planning & Management

Spring 2017 Fresh Admission			Autumn 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
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 Area Course (Any 3 credit hours course)</b>		
<b>3<sup>rd</sup> Semester</b>			4776	Discourse Analysis	3
4788	Research Thesis (Student can take Research Thesis after fulfilling the requirements as per rules)	24	4777	Emerging Trends in Pedagogy	3
			<b>4<sup>th</sup> Semester</b>		
			4788	Research Thesis	24

#### 9.4 PhD Special Education

Spring 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester			
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours	
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>			
<b>3<sup>rd</sup> Semester</b>			4776	Discourse Analysis	3	
4785	Research Thesis (Student can take Research Thesis after fulfilling the requirements as per rules)	24		4777	Emerging Trends in Pedagogy	3
				4783	Educational Leadership and Management	3
			<b>4<sup>th</sup> Semester</b>			
			4785	Research Thesis (Continued)	24	

#### 9.5 PhD Science Education

Spring 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
4774	Comparative Education	3	6777	Professional Development of Science Teacher	3
4775	Instrumentation in Educational Research	3		6779	Nature of Science in Science Education
4778	E-Learning	3	<b>Collateral Area Course (Any One Course)</b>		
<b>3<sup>rd</sup> Semester</b>			4782	Human Resource Management	3
4789	Research Thesis (Student can take Research Thesis after fulfilling the requirements as per rules)	24		4783	Educational Leadership and Management
			<b>4<sup>th</sup> Semester</b>		
			4789	Research Thesis Continued	24

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# Faculty of Sciences

**Faculty Coordinator:**

**Mrs. Falak Amjad**



## C. Faculty of Sciences

Sr. No.	Programme	Spring Semester	Autumn Semester	Required Credit or Cr. Hrs	Programme's Minimum Duration
<b>1.</b>	<b>Courses Certificate Programmes</b>				
1.1	Open Tech Programme	Fresh	Fresh	Half Credit	01 Semester
1.2	Technical Courses	Fresh	Fresh	Half Credit	01 Semester
1.3	Vocational Course	Fresh	Fresh	Full Credit	01 Semester
1.4	Agricultural Courses	Fresh	Fresh	Half Credit	01 Semester
1.5	Certificate of Environmental Design Programme	Fresh	Fresh	3/4Cr. Hrs	01 Semester
<b>2.</b>	<b>Secondary School Certificate (SSC) Programme</b>				
2.1	SSC Courses	Continue	Continue	08 Credits	04 Semesters
<b>3.</b>	<b>Higher Secondary School Certificate (HSSC) Programmes</b>				
3.1	HSSC Courses	Continue	Continue	08 Credits	04 Semesters
3.2	FSc Pre-Medical (for continuing students only)	Continue	Continue	08 Credits	04 Semesters
3.3	FSc Pre-Engineering (for continuing students only)	Continue	Continue	08 Credits	04 Semesters
<b>4.</b>	<b>Bachelor Programmes</b>				
4.1	BA Courses	Continue	Continue	08 Credits	04 Semesters
4.2	BS (4 Years) Chemistry (Old Scheme)	Continue	Continue	132 Cr. Hrs	08 Semesters
4.3	BS (4 Years) Chemistry (Revised New Scheme)	Fresh	Continue	132 Cr. Hrs	08 Semesters
4.4	BS(4 Years) Microbiology (Old Scheme)	Continue	Continue	131 Cr. Hrs	08 Semesters
4.5	BS(4 Years) Microbiology (Revised New Scheme)	Fresh	Continue	130 Cr. Hrs	08 Semesters
4.6	BS (CS) Programme (Old Scheme)	Continue	Continue	140 Cr. Hrs	08 Semesters
4.7	BS (CS) Programme (Revised New Scheme)	Continue	Fresh	140 Cr. Hrs	08 Semesters
4.8	BS (4 Years) Environmental Science	Fresh	Continue	132 Cr. Hrs	08 Semesters
4.9	BS (4 Years) Statistics (New Programme)	Fresh	Continue	132 Cr. Hrs	08 Semesters
4.10	BS (4 Years) Mathematics (New Programme)	Fresh	Continue	132 Cr. Hrs	08 Semesters
4.11	BS (4 Year) Physics (New Programme)	Fresh	Continue	132 Cr. Hrs	08 Semesters

<b>5.</b>	<b>Postgraduate Diploma &amp; Master Programmes</b>				
5.1	PGD in CS Through Online Mode	Fresh	Continue	39 Cr. Hrs	02 Semesters
5.2	MSc Community Health & Nutrition (For Dropout Students Only)	Continue (Research Thesis)	No New Admission	64 Cr. Hrs	04 Semester
5.3	MSc Environmental Design (For Dropout Students Only)	No New Admission	Continue (Research Thesis)	64 Cr. Hrs	04 Semester
5.4	MSc Sustainable Environmental Design (New Programme)	Fresh	Continue	60 Cr. Hrs	04 Semesters
5.5	MSc Public Nutrition (New Programme)	-----	Fresh	60 Cr. Hrs	04 Semesters
5.6	MSc Forestry Extension	Fresh	Continue	60 Cr. Hrs	04 Semesters
5.7	MSc Physics	Fresh	Continue	60 Cr. Hrs	04 Semesters
5.8	MSc Chemistry (Old Scheme)	Continue	Continue	64 Cr. Hrs	04 Semesters
5.9	MSc Chemistry (Revised New Scheme)	Fresh	Continue	64 Cr. Hrs	04 Semesters
5.10	MSc Mathematics	Fresh	Continue	68 Cr. Hrs	04 Semesters
5.11	MSc Statistics (Old Scheme)	Continue	Continue	68 Cr. Hrs	04 Semesters
5.12	Bridging Semester (For MSc Statistics Students) New Programme	Fresh	Fresh	18 Cr. Hrs	01 Semester
5.13	MSc Statistics (Revised New Scheme)	Fresh & Continue	Fresh & Continue	60 Cr. Hrs	04 Semesters
5.14	MSc Microbiology	Fresh	Continue	70 Cr. Hrs	04 Semesters
5.15	MSc Environmental Science (New Programme)	Fresh	Continue	66 Cr. Hrs	04 Semesters
5.16	MSc Botany (2 Years) (New Programme)	Fresh	Continue	67 Cr. Hrs	04 Semesters
<b>6.</b>	<b>MPhil/MS/MSc (Hons) Programmes</b>				
6.1	MS Computer Science (Old Scheme) (For Continuing Students Only)	Continue	Continue	24 Cr. Hrs Course Work + 12 Cr. Hrs Research & Thesis	04 Semesters
6.2	MS Computer Science (Revised New Scheme)	Fresh	Continue	-do-	04 Semesters
6.3	MS Environmental Design/ PDG Environmental Design (3 Years) (Old Scheme For Continue Students Only)	Continue	Continue	-do-	06 Semesters
6.4	MS Environmental Design (2 Years) (Revised New Scheme)	Fresh	Continue	-do-	04 Semesters

6.5	MS Community Health and Nutrition Programme /PGD Nutrition/PGD Dietetics (3 Years) (Old Scheme For Continue Students Only)	Continue	Continue	24 Cr. Hrs Course Work + 12 Cr. Hrs Research & Thesis	06 Semesters
6.6	MS Community Health and Nutrition (2 Years) (Revised New Scheme)	---	Fresh	-do-	04 Semesters
6.7	MSc (Hons) Rural Development	Fresh	Continue	-do-	04 Semesters
6.8	MSc (Hons) Livestock Management	Fresh	Continue	-do-	04 Semesters
6.9	MSc (Hons) Agricultural Extension	Fresh	Continue	-do-	04 Semesters
6.10	MPhil Statistics (Old Scheme)	Continue	Continue	-do-	04 Semesters
6.11	MPhil Statistics (Revised New Scheme)	Fresh	Continue	-do-	04 Semesters
6.12	MPhil Mathematics	Fresh	Continue	-do-	04 Semesters
6.13	MPhil Physics	Fresh	Continue	-do-	04 Semesters
6.14	MPhil Chemistry	Continue	Fresh	-do-	04 Semesters
<b>7.</b>	<b>PhD Programmes (MPhil Based)</b>				
7.1	PhD Computer Science	Fresh	Continue	18 Cr.Hrs Course Work +24 Research & Thesis	06 Semesters
7.2	PhD Agricultural Extension	Fresh	Continue	-do-	06 Semesters
7.3	PhD Chemistry	Fresh & Continue	Fresh & Continue	-do-	06 Semesters
7.4	PhD Physics	Fresh	Continue	-do-	06 Semesters
7.5	PhD Statistics	Fresh	Continue	-do-	06 Semesters
7.6	PhD Food & Nutrition	---	Fresh	-do-	06 Semesters
7.7	PhD Sustainable Environmental Design (New Programme)	Fresh	Continue	-do-	06 Semesters

# 1. Course Certificate Programmes

## 1.1 Open Tech Programme

Spring & Autumn, 2017

Code	Course Title	Level
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 Fixer	Level C/Grade III
129	Computer Hardware & Software	Level C/Grade III
158	Quantity Surveyor/Civil Draftsman	Level C/Grade III
159	Civil Surveyor	Level C/Grade III

## 1.2 Technical Courses

Code	Course Title	Credit
212	Maintenance of House Hold Electrical Appliance (Matric)	Half
307*	Electrical Wiring	Half
332*	Auto Servicing	Half
344*	Basic Electronics	Half

### A. Pre-requisite Technical Courses Spring, 2017

### B. Advanced Technical Courses Autumn, 2017

Code	Course Title	Credit
212	Maintenance of House Hold Electrical Appliance (Matric)	Half
314*	Electrician	Half
341	Repair and Maintenance of House Hold Electrical Appliances	Half
348*	Radio Servicing	Half
351*	Auto Mechanics	Half

\* **Course Codes 307, 332 and 344 are Pre-requisite for Course Codes 314, 348 and 351 respectively.**

### 1.3 Vocational Course

Spring & Autumn, 2017

Code	Course Title	Credit
200	Selling of Home Made Products	Full

### 1.4 Agricultural Courses

Spring & Autumn, 2017

Code	Course Title	Credit
313	Dairy Farming	Half
326	Farm Income Generating Skills	Half
327	Farm Machinery	Half
328	Improved Methods of Oil Seed Crops	Half
329	Modern Agriculture	Half
342	Improved Methods of Fruit Production	Half
349	Plant Protection	Half
211	Poultry Farming (Matric)	Half
219	Home & Farm Operations Management (Matric)	Full

### 1.5 Certificate of Environmental Design Programme

Spring 2017 Fresh Admission			Autumn, 2017 Fresh Admission		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
1575	Introduction to Environmental Design	4(3+1)	1580	Environmental Aesthetics	3(3+0)
			1581	Women and Environment	3(3+0)
1577	Environmental Psychology	3(3+0)	1584	Environmental Impact Assessment	3(3+0)

## 2. Secondary School Certificate (SSC) Programme

Spring & Autumn, 2017

### 2.1 SSC Courses

Code	Course Title	Credit
200	Selling of Home Made Products	Full
203	General Science	Full
206	Family Health and Care	Half
208	Garment Making-I	Half

209	General Home Economics	Full
210	Garment Making II	Half
211	Poultry Farming	Half
212	Maintenance of House Hold Electrical Appliance	Half
217	Food and Nutrition	Half
218	First Aid-I	Half
219	Home and Farm Operations Management	Full
220	First Aid-II	Half
222	Applied Food & Nutrition	Half
247	Math-I	Half
248	Math-II	Half
252	Lab Techniques in Physics	Half
253	Introduction to Livestock Management	Half
254	Livestock Production	Half
256	Vegetable Growing	Half
257	Fruit Production	Full
258	Lab Techniques in Chemistry	Half
259	Lab Techniques in Biology	Half
260	Information Technology Basics	Half

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

#### 3.1 HSSC Courses

Spring & Autumn, 2017

Code	Course Title	Credit
307*	Electrical wiring	Half
308	General Science	Full
313	Dairy Farming	Half
314**	Electrician	Half
326	Farm Income Generating Skills	Half
327	Farm Machinery	Half
328	Improved Methods of Oil Seed Crops	Half
329	Modern Agriculture	Half
330	Child Care & Development	Half
332*	Auto Servicing	Half
341**	Repair and Maintenance of House Hold Electrical Appliances	Half
342	Improved Methods of Fruit Production	Half
344*	Basic Electronics	Half
345	Home Management and Home Furnishing	Half
348**	Radio Servicing	Half
349	Plant Protection	Half
351**	Auto Mechanics	Half

355	Consumer Textile	Half
356	Food and Nutrition	Half
357	Health and Nutrition	Half
358	Apparel Design	Half
359	Understanding of Mathematics, Statistics and Computer	Half
360	Information Technology Applications	Half
365	Health in Family and Community	Half
366	Action for Health	Half
369	Communication Skills for Health Workers	Half
394	Statistics-I	Half
395	Statistics-II	Half
1307	Mathematics-I	Half
1308	Mathematics-II	Half
1309	Mathematics-III	Half

\* Courses 307, 332 and 344 are offered in Spring semester only

\*\* Courses 314, 341, 348 and 351 are offered in Autumn semester only

### 3.2 HSSC (FSc) Pre-Medical

(For Continuing Students Only)

Spring & Autumn, 2017

Code	Course Title	Credit
<b>1<sup>st</sup> Semester</b>		
359	Understanding of Mathematics, Statistics and Computer	Half
377	Biology-I	Half
380	Chemistry-I	Half
383	Physics-I	Half
<b>2<sup>nd</sup> Semester</b>		
378	Biology-II	Half
381	Chemistry-II	Half
384	Physics-II	Half
386	Compulsory English-I	Half
<b>3<sup>rd</sup> Semester</b>		
363	Compulsory Urdu-I	Half
379	Biology-III	Half
382	Chemistry-III	Half
385	Physics-III	Half
<b>4<sup>th</sup> Semester</b>		
*317	Pakistan Studies	Half
364	Compulsory Urdu-II	Half
387	Compulsory English-II	Half
316	Islamiat /Ethics (for Non- Muslim Students only)	Half

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

### 3.3 HSSC (FSc) Pre-Engineering

(For Continuing Students Only)

Spring & Autumn, 2017

Code	Course Title	Credit
<b>1<sup>st</sup> Semester</b>		
359	Understanding of Mathematics, Statistics and Computer	Half
380	Chemistry-I	Half
383	Physics-I	Half
1307	Mathematics-I	Half
<b>2<sup>nd</sup> Semester</b>		
381	Chemistry-II	Half
384	Physics-II	Half
386	Compulsory English-I	Half
1308	Mathematics-II	Half
<b>3<sup>rd</sup> Semester</b>		
363	Compulsory Urdu-I	Half
382	Chemistry-III	Half
385	Physics-III	Half
1309	Mathematics-III	Half
<b>4<sup>th</sup> Semester</b>		
*317	Pakistan Studies	Half
364	Compulsory Urdu-II	Half
387	Compulsory English-II	Half
316	Islamiat /Ethics (for Non- Muslim Students)	Half

\* 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

### 4.1 BA Courses

Spring & Autumn, 2017

Code	Course Title	Credit
482	Food Microbiology	Half
484	Food and Nutrition	Half
485	Health and Nutrition	Half
487	Child Development	Half
1421	Introduction to Environment	Half
1422	Environmental Pollution	Half
1429	Business Mathematics	Half
1430	Business Statistics	Half
1431	Basics of Information & Communication Technology	Half

## 4.2 BS (4 Years) Chemistry

(Old Scheme for Students Registered before Spring, 2014)

Spring 2017 1 <sup>st</sup> Semester			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
416	Islamiat	3(3+0)	1424	Compulsory English-II (ODL)	3(3+0)
1423	Compulsory 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
4421	Inorganic Chemistry	4(3+1)	4422	Organic Chemistry	4(3+1)
4431	Pre-Calculus	3(3+0)	4433	Calculus-II	3(3+0)
3 <sup>rd</sup> Semester			4 <sup>th</sup> Semester		
417	Pakistan Studies (ODL)	3(3+0)	451	Public Relations	3(3+0)
1425	Basic of Technical Writing (ODL)	3(3+0)	4405	Microbial Anatomy and Physiology	4(3+1)
4403	Fundamentals of Microbiology	4(3+1)		4424	General Chemistry
4423	Physical Chemistry	4(3+1)	4442	Environmental Pollution	4(3+1)
4443	Environmental Chemistry	4(3+1)			
5 <sup>th</sup> Semester			6 <sup>th</sup> Semester		
2573	Analytical Chemistry-I	3(3+0)	2578	Biochemistry-I	3(3+0)
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)
2594	Mathematics for Chemists	2(2+0)	2596	Chemistry Lab-II	4(0+4)
2595	Chemistry Lab-I	4(0+4)	8 <sup>th</sup> Semester		
7 <sup>th</sup> Semester			2587	Chemistry of Natural Products	3(3+0)
2585	Heterocyclic Chemistry	3(3+0)	2590	Special Organic Reactions	3(3+0)
2586	Stereochemistry of Organic Compounds	3(3+0)	2591	Organic Synthesis	3(3+0)
2589	Spectroscopic Methods in Organic Chemistry	3(3+0)	2593	Research Project	6(0+6)
2597	Advanced Organic Chemistry Lab-I	3(0+3)			
2598	Advanced Organic Chemistry Lab-II	3(0+3)			

### 4.3 BS (4 Years) Chemistry

(Revised New Scheme for Students Registered in Spring, 2014 and Afterward)

Spring 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
416	Islamiat	3(3+0)	1424	Compulsory English-II (ODL)	3(3+0)
418	Ethics (for Non Muslim Students Only)	3(3+0)	3400	Fundamentals of Computer	4(3+1)
			4402	Diversity of Plants	4(3+1)
			4422	Organic Chemistry	4(3+1)
1423	Compulsory English-I (ODL)	3(3+0)	4432	Calculus-I	3(3+0)
4401	Cell Biology Genetics & Evolution	4(3+1)	<b>4<sup>th</sup> Semester</b>		
4421	Inorganic Chemistry	4(3+1)	451	Public Relations	3(3+0)
4431	Pre-Calculus	3(3+0)	4405	Microbial Anatomy and Physiology	4(3+1)
<b>3<sup>rd</sup> Semester</b>			4424	General Chemistry	4(3+1)
417	Pakistan Studies (ODL)	3(3+0)	4442	Environmental Pollution	4(3+1)
1425	Basics of Technical Writing	3(3+0)	<b>6<sup>th</sup> Semester</b>		
4403	Fundamentals of Microbiology	4(3+1)	2574	Analytical Chemistry-II	3(3+0)
4423	Physical Chemistry	4(3+1)	2580	Physical Chemistry-II	3(3+0)
4443	Environmental Chemistry	4(3+1)	2581	Organic Chemistry-II	3(3+0)
<b>5<sup>th</sup> Semester</b>			2582	Inorganic Chemistry-II	3(3+0)
2573	Analytical Chemistry-I	3(3+0)	2596	Chemistry Lab-II	4(0+4)
2575	Physical Chemistry-I	3(3+0)	<b>8<sup>th</sup> Semester</b>		
2576	Organic Chemistry-I	3(3+0)	<b>Specialization: Organic Chemistry</b>		
2577	Inorganic Chemistry-I	3(3+0)	2537	Advanced Organic Chemistry Lab-III	3(0+3)
2594	Mathematics for Chemists	2(2+0)	2538	Advanced Organic Chemistry Lab-IV	3(0+3)
2595	Chemistry Lab-I	4(0+4)	2587	Chemistry of Natural Products	3(3+0)
<b>7<sup>th</sup> Semester</b>			2590	Special Organic Reactions	3(3+0)
<b>Specialization: Organic Chemistry</b>			2591	Organic Synthesis	3(3+0)
2585	Heterocyclic Chemistry	3(3+0)	<b>OR</b>		
2586	Stereochemistry of Organic Compounds	3(3+0)	<b>Specialization: Inorganic/Analytical Chemistry</b>		
2589	Spectroscopic Methods in Organic Chemistry	3(3+0)	2544	Organometallic Chemistry	3(3+0)
2597	Advanced Organic Chemistry Lab-I	3(0+3)	2545	Group Theory for Chemist and Its Applications	3(3+0)
2598	Advanced Organic Chemistry Lab-II	3(0+3)	2547	Advanced Environmental Chemistry	3(3+0)

<b>OR</b> <b>Specialization: Inorganic/Analytical Chemistry</b>			3561	Advanced Inorganic Chemistry Lab-III	3(0+3)
			3562	Advanced Inorganic Chemistry Lab-IV	3(0+3)
2539	Coordination Chemistry	3(3+0)	<b>OR</b> <b>Specialization: Physical Chemistry</b>		
2540	Non-Spectroscopic Instrumental Methods of Analysis	3(3+0)	2570	Molecular Spectroscopy	3(3+0)
2541	Basic Instrumental Methods of Analysis	3(3+0)	2571	Chemical Thermodynamics	3(3+0)
			2599	Surface Chemistry	3(3+0)
2542	Advanced Inorganic Chemistry Lab-I	3(0+3)	3563	Advanced Physical Chemistry Lab-III	3(0+3)
2543	Advanced Inorganic Chemistry Lab-II	3(0+3)	3564	Advanced Physical Chemistry Lab-IV	3(0+3)
<b>OR</b> <b>Specialization: Physical Chemistry</b>					
2548	Chemical Kinetics	3(3+0)			
2549	Quantum Chemistry	3(3+0)			
2550	Electrochemistry	3(3+0)			
2568	Advanced Physical Chemistry Lab-I	3(0+3)			
2569	Advanced Physical Chemistry Lab-II	3(0+3)			

#### 4.4 BS (4 Years) Microbiology

(Old Scheme for Continuing Students Only)

Spring 2017 7 <sup>th</sup> Semester			Autumn, 2017 8 <sup>th</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
1578	Research Methods	4	4415	Immunology	4(3+1)
4412	Biotechnology	4(3+1)	4416	Molecular Mechanism of Anti Microbial Drugs	4(3+1)
4413	Medical Microbiology	4(3+1)			
4414	Genetic Engineering	4(3+1)	4417	Epidemiology	4(3+1)
			4418	Research Project	6

## 4.5 BS (4 Years) Microbiology

(Revised New Scheme)

Spring 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
1423	Compulsory English-I (ODL)	3(3+0)	1424	Compulsory English-II (ODL)	3(3+0)
4401	Cell Biology, Genetics & Evolution	4(3+1)	4402	Diversity of Plants	4(3+1)
			4422	Organic Chemistry	4(3+1)
4403	Fundamentals of Microbiology	4(3+1)	4432	Calculus-I	3(3+0)
4421	Inorganic Chemistry	4(3+1)	4445	Environmental Microbiology	4(3+1)
4431	Pre-Calculus	3(3+0)	<b>4<sup>th</sup> Semester</b>		
<b>3<sup>rd</sup> Semester</b>			416	Islamiat	3(3+0)
417	Pakistan Studies	3(3+0)	418	Ethics (for Non Muslim Students only)	3(3+0)
1425	Basics of Technical Writing	3(3+0)			
4441	Introduction to Environmental Sciences	4(3+1)	451	Public Relations	3(3+0)
4469	Diversity of Animals	4(3+1)	1578	Research Methods	4
<b>5<sup>th</sup> Semester</b>			3400	Fundamentals of Computer	4(3+1)
4407	Microbial Genetics	4(3+1)	4412	Biotechnology	4(3+1)
<b>6<sup>th</sup> Semester</b>			<b>6<sup>th</sup> Semester</b>		
4408	Virology	4(3+1)	4405	Microbial Anatomy and Physiology	4(3+1)
4481	Introductory Biochemistry	4(3+1)	4411	Food and Dairy Microbiology	4(3+1)
4482	Biostatistics	3	4416	Molecular Mechanism of Antimicrobial Drugs	4(3+1)
			4419	Molecular Biology	4(3+1)

## 4.6 BS (CS) Programme

(Old Scheme for Continuing Students Only)

Spring 2017 2 <sup>nd</sup> Semester			Autumn, 2017 1 <sup>st</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
112 114	Foreign Language	3(3+0)	417	Pakistan Studies	3(3+0)
	French <b>OR</b>		1423	Compulsory English-I	3(3+0)
	Arabic		3400	Fundamentals of Computer	4(3+1)
416	Islamiat	3(3+0)	3401	Mathematics for Computing-I	4(4+0)
418	Ethics (for Non Muslim Students only)	3(3+0)	3404	Physics	4(4+0)
			<b>3<sup>rd</sup> Semester</b>		
			3406	Discrete Mathematics	4(4+0)

920/ 3437	Electronics	4(4+0)	3407	Programming Language-I	4(3+1)
3402	Programming Concepts	4(3+1)	3409	Digital Logic Design	4(4+0)
3403	Mathematics for Computing-II	4(4+0)	3447	Statistics & Probability	4(4+0)
<b>4<sup>th</sup> Semester</b>			3456	Business Communication	3(3+0)
3408	Data Structure	4(4+0)	<b>5<sup>th</sup> Semester</b>		
3412	Research Methods	3(3+0)	3410	Database-I	4(3+1)
3413	Data Communication	4(4+0)	3415	Programming Language-III	4(3+1)
3453	Computer Organization & Assembly	4(3+1)	3439/903	Operating System	4(4+0)
3457	Management Theory & Practice	3(3+0)	3466	Analysis & Design of Algorithms	3(3+0)
			3477	Design Fundamentals	3(3+0)
<b>6<sup>th</sup> Semester</b>			<b>7<sup>th</sup> Semester</b>		
3414	Software Engineering-I	4(4+0)	<b>Software Engineering (Specialization)</b>		
3416	Computer Architecture	4(4+0)	3461	Management Information System	3(3+0)
3418	Networking Design	3(3+0)	3464	Object Oriented Analysis & Design	3(3+0)
3451	Artificial Intelligence	3(3+0)			
3452	Theory of Automata	3(3+0)	3465	Software Engineering-II	3(3+0)
<b>8<sup>th</sup> Semester</b>			3467	Database-II	3(3+0)
<b>Software Engineering (Specialization)</b>			3468	Compiler Construction	3(3+0)
3481	Design Patterns	3(3+0)	<b>OR</b>		
3482	Software Architecture	4(4+0)	<b>Networking (Specialization)</b>		
3483	Software Quality & Testing	4(4+0)	3444	Network & System Administration	4(3+1)
3475	Project	6(0+6)	3461	Management Information System	3(3+0)
<b>OR</b>					
<b>Networking (Specialization)</b>			3468	Compiler Construction	3(3+0)
3485	Distributed Computing	4(4+0)	3476	Networking Strategy	3(3+0)
3486	Wireless Networks	3(3+0)	3484	Data & Network Security	3(3+0)
3487	Network Programming	3(2+1)			
3475	Project	6(0+6)			

**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.**

#### 4.7 BS (CS) Programme

(Revised New Scheme)

Spring 2017 2 <sup>nd</sup> Semester			Autumn, 2017 Fresh Admission		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
112	Foreign Language	3(3+0)	417	Pakistan Studies	3(3+0)
	French <b>OR</b>		1423	Compulsory English-I	3(3+0)
114	Arabic	3(3+0)	416	Islamiat	3(3+0)
3403	Mathematics for Computing-II	4(3+1)	418	<b>OR</b> Ethics (for Non Muslim Students only)	3(3+0)
3407	Programming Language-I	4(3+1)			
3409	Digital logic Design	4(3+1)			

3454	Linear Algebra	3(3+0)	3400	Introduction to ICT	3(2+1)
			3401	Mathematics for Computing-I	3(3+0)
			3437	Basic Electronics	3(2+1)
<b>3<sup>rd</sup> Semester</b>					
			3406	Discrete Mathematics	4(4+0)
			3411	Programming Language-II	4(3+1)
			3438	Computer Communications & Networks	4(3+1)
			3453	Computer Organization & Assembly	3(2+1)
			3456	Business Communication	3(3+0)

#### 4.8 BS (4 Years) Environmental Science

Spring, 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
1423	Compulsory English-I (ODL)	3(3+0)	1424	Compulsory English-II (ODL)	3(3+0)
4401	Cell Biology, Genetics And Evolution	4(3+1)	4402	Plant Diversity	4(3+1)
			4422	Organic Chemistry	4(3+1)
4421	Inorganic Chemistry	4(3+1)	4432	Calculus-I	3
4431	Pre-Calculus	3	4442	Environmental Pollution	4(3+1)
4441	Introduction to Environmental Science	4(3+1)	<b>4<sup>th</sup> Semester</b>		
<b>3<sup>rd</sup> Semester</b>			416	Islamiat	3(3+0)
451	Public Relations	3	418	<b>OR</b> Ethic (for Non Muslim Students Only)	3(3+0)
417	Pakistan Studies (OLD)	3			
1425	Basics of Technical Writing	3	1578	Research Methods	4
4443	Environmental Chemistry	4(3+1)	3400	Fundamentals of Computer	4(3+1)
4469	Diversity of Animals	4(3+1)	4445	Environmental Microbiology	4(3+1)
			4468	Principles of Animal Life	4(3+1)

#### 4.9 BS (4 Years) Statistics (New Programme)

Spring, 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
417	Pakistan Studies	3(3+0)	427	Pakistani Adab-I	3(3+0)
1423	Compulsory English-I	3(3+0)	4681	Introduction to Sociology	3(3+0)
3400	Fundamentals of Computer	4(3+1)	1424	Compulsory English-II	3(3+0)
3456	Business Communications	3(3+0)	4433	Calculus-II	3(3+0)
4432	Calculus-I	3(3+0)	4441	Introduction to Environment Sciences	4(3+1)
4485	Introduction to Statistics	3(3+0)			

4486	Introduction to Regression Analysis and Experimental Designs	3(3+0)
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#### 4.10 BS (4 Years) Mathematics

(New Programme)

Spring, 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
417	Pakistan Studies	3(3+0)	427	Pakistani Adab-I	3(3+0)
1423	Compulsory English-I	3(3+0)	1424	Compulsory English-II	3(3+0)
3400	Fundamentals of Computer	4(3+1)	1549	Discrete Mathematics	3(3+0)
4432	Calculus-I	3(3+0)	4433	Calculus-II	3(3+0)
4434	Introductory Statistics	3(3+0)	4441	Introduction to Environment Sciences	4(3+1)
4471	Set Theory and Logic	3(3+0)	4681	Introduction to Sociology	3(3+0)

#### 4.11 BS (4 Years) Physics

(New Programme)

Spring, 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
5465	Pakistan Studies	2(2+0)	5466	Islamic Studies	2(2+0)
3400	Introduction to ICT	3(2+1)	5467	Ethics (For Non-Muslim Students only)	2(2+0)
4432	Calculus-I	3(3+0)			
5451	English-I : English Composition & Comprehension	3(3+0)	754	GRF-1: Laboratory Techniques and Error Propagation	3(3+0)
5452	Mechanics	4(3+1)	4433	Calculus-II	3(3+0)
5453	Laboratory-I : Laboratory for Mechanics & Fluids	1(1+0)	5454	English-II : Technical & Business Writing	3(3+0)
4681	Introduction to Sociology	3(3+0)	5455	Electricity & Magnetism	4(3+1)
			5456	Laboratory-II : Laboratory for Electricity & Magnetism	1(1+0)
			5457	Modern Physics	3(3+0)

## 5. Postgraduate Diploma & Master Programmes

### 5.1 PGD (CS) Through Online Mode

Spring 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
3575	Software Engineering	4(4+0)	3435	Visual Basics & Database Interface	4(3+1)
3576	Introduction to Computer Concepts	4(3+1)	3581	Data Structure & 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)

### 5.2 MSc Community Health and Nutrition

(No New Admission)  
(For Dropout Students)

Spring 2017 4 <sup>th</sup> Semester		
Code	Course Title	Cr.Hours
869	Research Thesis	12
7510	Biostatistics	3(2+1)

### 5.3 MSc Environmental Design

(No New Admission)  
(For Drop out Students Only)

Autumn 2017 4 <sup>th</sup> Semester		
Code	Course Title	Cr.Hours
1594	Statistical Methods in Environmental health	4(3+1)
1595	Research Thesis	12



## 5.4 MSc Sustainable Environmental Design

(New Programme)

Spring 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
3671	Environmental Planning & Practice	4(3+1)	3675	Sustainable Communities	4(3+1)
3672	Climate Responsive Design	4(3+1)	3676	Environmental Pollution (air, water, noise, visual)	4(3+1)
3673	Ecological Building Design and Materials	4(3+1)	3677	Water Conservation and Management	4(3+1)
3674	Environmental Aesthetics	4(3+1)	3678	Ethics in Built Environment <b>OR</b>	4(3+1)
			3679	Sustainable Energy Management	4(3+1)

## 5.5 MSc Public Nutrition

(New Programme)

Autumn, 2017 Fresh Admission		
Code	Course Title	Cr.Hours
3641	Macro Nutrients	4(3+1)
3642	Micro Nutrients	4(3+1)
3643	Nutrition Education	4(3+1)
3644	Basics of Food Sciences	4(3+1)

## 5.6 MSc Forestry Extension

Spring 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
2500	Principles of Rural Sociology-I	3(3+0)	2504	Research Methods	3(3+0)
2501	Range Land Management in Pakistan	3(3+0)	2511	Soil Conservation & Watershed Management	3(3+0)
2502	Tree Management	3(3+0)	2516	Environment and Forestry	3(3+0)
2512	Principles of Rural Sociology-II	3(3+0)	794	Statistics	3(3+0)
<b>3<sup>rd</sup> Semester</b>			<b>4<sup>th</sup> Semester</b>		
			2503	Participatory Forestry	3(3+0)
			2506	Mass Communication	3(3+0)

2505	Diffusion of Innovations	3(3+0)	2508	Economics of Forestry	3(3+0)
2507	Forestry Extension Education	3(3+0)	2509	Social & Community Forestry	3(3+0)
2510	Agro Forestry	3(3+0)	<b>For Continuing Students Only</b>		
2514	Approaches of Rural Development	3(3+0)	798	Thesis	12
<b>For Continuing Students Only</b>					
798	Thesis	12			

## 5.7 MSc Physics

Spring 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
751	Mathematical Methods in Physics-I	3(3+0)	755	Mathematical Methods in Physics-II	3(3+0)
752	Classical Mechanics & Relativity	3(3+0)	756	Quantum Mechanics-I	3(3+0)
766	Laboratory for General Physics	2(2+0)	762	Laboratory for Electronics	2(2+0)
			765	Electromagnetic Theory-I	3(3+0)
2551	Atomic & Molecular Physics	3(3+0)	769	Computational Physics	3(3+0)
<b>3<sup>rd</sup> Semester</b>			<b>4<sup>th</sup> Semester</b>		
2564	Electronics	3(3+0)	758	Lasers & Optics	3(3+0)
759	Quantum Mechanics-II	3(3+0)	761	Solid State Physics	3(3+0)
760	Nuclear Physics	3(3+0)	2559	Electronic Communications Systems	3(3+0)
2553	Digital & Computer Hardware Electronics	3(3+0)	2560	Advanced Digital & Computer Hardware Electronics	3(3+0)
2556	Laboratory-VII: Laboratory for Digital & Computer Hardware Electronics	2(2+0)	2561	Laboratory VIII: Laboratory for Advanced Digital & Computer Hardware Electronics	2(2+0)
2565	Electromagnetic Theory-II	3(3+0)	2566	Thermal & Statistical Physics	3(3+0)

## 5.8 MSc Chemistry

(Old Scheme for Students Registered before Spring, 2016)

Spring 2017 1 <sup>st</sup> Semester			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
2573	Analytical Chemistry-I	3(3+0)	2578	Bio Chemistry-I	3(3+0)
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)

2594	Mathematics for Chemists	2(2+0)	2596	Chemistry Lab-II	4(0+4)
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2595	Chemistry Lab-I	4(0+4)	<b>4<sup>th</sup> Semester</b>		
<b>3<sup>rd</sup> Semester</b>					
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)			

## 5.9 MSc Chemistry

(Revised New Scheme For Students Registered in Spring, 2016 and Afterward)

<b>Spring 2017 Fresh Admission</b>			<b>Autumn, 2017 2<sup>nd</sup> Semester</b>		
<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>	<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>
2573	Analytical Chemistry-I	3(3+0)	2574	Analytical Chemistry-II	3(3+0)
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)
2594	Mathematics for Chemists	2(2+0)	2596	Chemistry Lab-II	4(0+4)
2595	Chemistry Lab-I	4(0+4)	<b>4<sup>th</sup> Semester Specialization: Organic Chemistry</b>		
<b>3<sup>rd</sup> Semester Specialization: Organic Chemistry</b>					
2585	Heterocyclic Chemistry	3(3+0)	2537	Advanced Organic Chemistry Lab-III	3(0+3)
2586	Stereochemistry	3(3+0)	2538	Chemistry Lab-III Advanced Organic	3(0+3)
2589	Organic Compounds Spectroscopic Methods in Organic Chemistry	3(3+0)	2587	Chemistry Lab-IV Chemistry of Natural Products	3(3+0)
2597	Advanced Organic Chemistry Lab-I	3(0+3)	2590	Special Organic Reactions	3(3+0)
2598	Advanced Organic Chemistry Lab-II	3(0+3)	2591	Organic Synthesis	3(3+0)
<b>OR Specialization: Inorganic/Analytical Chemistry</b>			<b>OR Specialization: Inorganic/Analytical Chemistry</b>		
			2544	Organometallic Chemistry	3(3+0)
2539	Coordination Chemistry	3(3+0)	2545	Group Theory for Chemist and Its Applications	3(3+0)

2540	Non-Spectroscopic Instrumental Methods of Analysis	3(3+0)	2547	Advanced Environmental Chemistry	3(3+0)
2541	Basic Instrumental Methods of Analysis	3(3+0)	3561	Advanced Inorganic Chemistry Lab-III	3(0+3)
2542	Advanced Inorganic Chemistry Lab-I	3(0+3)	3562	Advanced Inorganic Chemistry Lab-IV	3(0+3)
2543	Advanced Inorganic Chemistry Lab-II	3(0+3)	<b>OR</b>		
<b>OR</b>			<b>Specialization: Physical Chemistry</b>		
<b>Specialization: Physical Chemistry</b>			2570	Molecular Spectroscopy	3(3+0)
<b>OR</b>			2571	Chemical Thermodynamics	3(3+0)
<b>Specialization: Physical Chemistry</b>			2599	Surface Chemistry	3(3+0)
2548	Chemical Kinetics	3(3+0)	3563	Advanced Physical Chemistry Lab-III	3(0+3)
2549	Quantum Chemistry	3(3+0)	3564	Advanced Physical Chemistry Lab-IV	3(0+3)
2550	Electrochemistry	3(3+0)			
2568	Advanced Physical Chemistry Lab-I	3(0+3)			
2569	Advanced Physical Chemistry Lab-II	3(0+3)			

## 5.10 MSc Mathematics

Spring 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
1520	Computer and Scientific Applications-C++	3(3+0)	1524	Differential Geometry	3(3+0)
1521	Topology	3(3+0)	1527	Complex Analysis	3(3+0)
1522	Linear Algebra	3(3+0)	1528	Group Theory	3(3+0)
1523	Real Analysis-I	3(3+0)	1529	Analytical Mechanics	3(3+0)
1525	Ordinary Differential Equations	3(3+0)	1530	Real Analysis-II	3(3+0)
<b>3<sup>rd</sup> Semester</b>			<b>4<sup>th</sup> Semester</b>		
1531	Numerical Methods (Matlab, Mathematica)	3(3+0)	1537	Operations Research	3(3+0)
1532	Partial Differential Equations	3(3+0)	1539	Combinatorics	3(3+0)
1533	Functional Analysis	3(3+0)		Optional-I	3(3+0)
1534	Theory of Rings	3(3+0)		Optional-II	3(3+0)
1538	Mathematical Statistics-I	3(3+0)		Optional-III	3(3+0)
			<b>List of Optional Courses</b>		
			1535	Fluid Mechanics	3(3+0)
			1540	Applied Number Theory	3(3+0)
			1542	Mathematical Statistics-II	3(3+0)
			1544	Optimization	3(3+0)
			1545	Analytical Dynamics	3(3+0)
			1546	Mathematical Modeling	3(3+0)
			1547	Graph Theory	3(3+0)

			1550	Research Report	3(3+0)
			4478	Mathematical Finance-I	3(3+0)
			4479	Theory of Racks and Quandles	3(3+0)
			4480	Research Project	3(0+3)
<b>Note: For Old Students, the following courses will be of 4 credit hours instead of 3 credit hours (Spring 2017)</b>			<b>Note: For Old Students, the following courses will be of 4 credit hours instead of 3 credit hours (Autumn 2017)</b>		
1520	Computer and Scientific Applications-C++	4(3+1)	1520	Computer and Scientific Applications-C++	4(3+1)
1524	Differential Geometry	4(3+1)	1524	Differential Geometry	4(3+1)
1529	Analytical Mechanics	4(3+1)	1529	Analytical Mechanics	4(3+1)
1530	Real Analysis-II	4(3+1)	1530	Real Analysis-II	4(3+1)
1531	Numerical Methods (Matlab & Mathematica)	4(3+1)	1531	Numerical Methods (Matlab & Mathematica)	4(3+1)
1533	Functional Analysis	4(3+1)	1533	Functional Analysis	4(3+1)

## 5.11 MSc Statistics

(Old Scheme for Continuing Students Only)

Spring, 2017 3 <sup>rd</sup> Semester			Autumn, 2017 4 <sup>th</sup> Semester		
1514	Mathematical Methods for Statistics	3(3+0)	1562	Econometrics	3(3+0)
1556	Probability & Probability Distributions-II	3(3+0)	1566	Statistical Inference-Testing of Hypothesis	3(3+0)
1558	Sampling Methods-II	3(3+0)	1567	Applied Multivariate Analysis	3(3+0)
1559	Experimental Design-II	3(3+0)	1569	Data Analysis & Statistical Packages	4(2+2)
1561	Statistical Inference-Estimation	3(3+0)	1570	Research Report	4(0+4)
4 <sup>th</sup> Semester					
1566	Statistical Inference-Testing of Hypothesis	3(3+0)			
1567	Applied Multivariate Analysis	3(3+0)			
1568	Operations Research	3(3+0)			
1569	Data Analysis & Statistical Packages	4(2+2)			
1570	Research Report	4(0+4)			

## 5.12 Bridging Semester

(For MSc Statistics Students)

(New Programme)

Spring & Autumn, 2017

Code	Course Title	Cr.Hours
457	Business Communication	3(3+0)
1417	Statistics-I	3(3+0)
1418	Statistics-II	3(3+0)
1419	Statistics-III	3(3+0)
1420	General Mathematics	3(3+0)
1431	Basic of Information & Communication Technology	3(3+0)

## 5.13 MSc Statistics

(Revised New Scheme)

Spring 2017 2 <sup>nd</sup> Semester			Autumn, 2017 3 <sup>rd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
1556	Probability & Probability Distributions-II	3(3+0)	1562	Econometrics	3(3+0)
1557	Regression Analysis	3(3+0)	1566	Statistical Inference-Testing of Hypothesis	3(3+0)
1558	Sampling Techniques-II	3(3+0)	1567	Applied Multivariate Analysis	3(3+0)
1559	Design & Analysis of Experiments-II	3(3+0)	1569	Data Analysis & Statistical Packages	3(3+0)
1561	Statistical Inference- Estimation	3(3+0)	1570	Research Report	3(3+0)
Spring, 2017 Fresh Admission			Autumn, 2017 Fresh Admission		
1513	Non-Parametric Methods	3(3+0)	1551	Statistical Methods	3(3+0)
1551	Statistical Methods	3(3+0)	1552	Sampling Techniques-I	3(3+0)
1555	Advanced Calculus	3(3+0)	1553	Design & Analysis of Experiments-I	3(3+0)
1563	Total Quality Management	3(3+0)	1554	Probability & Probability Distributions-I	3(3+0)
1564	Computer Programming (C&C++)	3(3+0)	1555	Advanced Calculus	3(3+0)
			2 <sup>nd</sup> Semester		
			1552	Sampling Techniques-I	3(3+0)
			1553	Design & Analysis of Experiments-I	3(3+0)
			1554	Probability & Probability Distributions-I	3(3+0)

1557	Regression Analysis	3(3+0)
1568	Operations Research	3(3+0)

### 5.14 MSc Microbiology

Spring 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
4403	Fundamentals of Microbiology	4(3+1)	1578	Research Methods	4
4407	Microbial Genetics	4(3+1)	4405	Microbial Anatomy and Physiology	4(3+1)
4408	Virology	4(3+1)	4411	Food and Dairy Microbiology	4(3+1)
4481	Introductory Biochemistry	4(3+1)	4419	Molecular Biology	4(3+1)
4482	Biostatistics	3(3+0)	4445	Environmental Microbiology	4(3+1)
3 <sup>rd</sup> Semester			4 <sup>th</sup> Semester		
4410	Soil Microbiology	4(3+1)	4400	Seminar	1
4413	Medical Microbiology	4(3+1)	4414	Genetic Engineering	4(3+1)
4415	Immunology	4(3+1)	4417	Epidemiology	4(3+1)
4420	Industrial Microbiology	4(3+1)	4418	Research Project	6

### 5.15 MSc Environmental Science

(New Programme)

Spring 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
4441	Introduction to Environmental Sciences	4(3+1)	1578	Research Methods	4(3+1)
4443	Environmental Chemistry	4(3+1)	4442	Environmental Pollution	4(3+1)
4458	Environmental Policies and Regulations	3(3+0)	4444	Introduction to Environmental Economics	3(3+0)
4467	Physics of the Environment	4(3+1)	4445	Environmental Microbiology	4(3+1)
4482	Biostatistics	3(3+0)	4439	Natural Resource Management	3(3+0)

### 5.16 MSc Botany (2 Years)

(New Programme)

Spring 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
4481	Introductory Biochemistry	4(3+1)	4419	Molecular Biology	4(3+1)
7401	Diversity of Vascular Plants	3(2+1)	7405	Plant Ecology-I	3(2+1)
7402	Plant Anatomy	3(2+1)	7406	Plant Physiology-I	3(2+1)
7403	Phycology and Bryology	3	7407	Plant Biochemistry	3

7404	Bacteriology and Virology	3(2+1)	7408	Mycology and Plant Pathology	3(2+1)
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## 6. MPhil/MS/MSc (Hons) Programmes

### 6.1 MS in Computer Science

(Old Scheme for Continuing Students)

Spring, 2017 1 <sup>st</sup> Semester			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
5700	Theory of Computation	3(3+0)	5703	Research Study	3(3+0)
5701	Advance Algorithm	3(3+0)		Elective-I Select from the list of Elective courses	3(3+0)
5702	Distributed Systems	3(3+0)			
5730	Advance Computer Architecture	3(3+0)		Elective-II Select from the list of Elective courses	3(3+0)
<p><b>Note:</b> 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 enrolment</p>				Elective-III Select from the list of Elective courses	3(3+0)
			<p><b>Note:</b> The Department of Computer Sciences reserves the right to offer any 3(3+0) Credit Hours of listed courses depending upon the available faculty/laboratory resources and viable student's enrolment</p>		
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)
<b>3<sup>rd</sup> Semester (For Continuing Students Only)</b>			<b>4<sup>th</sup> Semester (For Continuing Students Only)</b>		
5745	Thesis	6(0+6)	5745	Thesis	6(0+6)

## 6.2 MS in Computer Science

(Revised New Scheme)

<b>Spring 2017 Fresh Admission</b>			<b>Autumn, 2017 2<sup>nd</sup> Semester</b>		
<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>	<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>
5700	Theory of Computation	3(3+0)		Elective-II	3(3+0)
5701	Advance Algorithm	3(3+0)		Elective-III	3(3+0)
5703	Research Study	3(3+0)		Elective-IV	3(3+0)
	Elective-I			Elective-V	3(3+0)
<b>Note:</b> The Department of Computer Sciences reserves the right to offer any specialization depending upon the available faculty/laboratory resources and viable student's enrolment					
<b>1. Computer Science</b>			<b>1. Computer Science</b>		
5702	Distributed System	3(3+0)	5702	Distributed System	3(3+0)
5718	Case Tools & Applications	3(3+0)	5718	Case Tools & Applications	3(3+0)
5725	Web based Education System	3(3+0)	5725	Web based Education System	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	Advanced Topics in Computer Science Education	3(3+0)	5729	Advanced Topics in Computer Science Education	3(3+0)
<b>2. Software Engineering &amp; Quality Assurance</b>			<b>2. Software Engineering &amp; Quality Assurance</b>		
5704	Object Oriented Software Engineering	3(2+1)	5704	Object Oriented Software Engineering	3(2+1)
5705	Software Project Management	3(2+1)	5705	Software Project Management	3(2+1)
5706	Software Quality Assurance	3(2+1)	5706	Software Quality Assurance	3(2+1)
5707	Software Engineering Laboratory	3(0+3)	5707	Software Engineering Laboratory	3(0+3)
5708	Advanced Topic in Software Engineering	3(3+0)	5708	Advanced Topic in Software Engineering	3(3+0)

<b>3. Information Security Management</b>			<b>3. Information Security Management</b>		
5709	Advanced Computer Networks	3(3+0)	5709	Advanced Computer Networks	3(3+0)
5710	Data Security and Encryption	3(3+0)	5710	Data Security and Encryption	3(3+0)
5711	Advanced Network Security	3(3+0)	5711	Advanced Network Security	3(3+0)
5717	Information System Security	3(3+0)	5717	Information System Security	3(3+0)
5735	Internet Service Planning	3(2+1)	5735	Internet Service Planning	3(2+1)
<b>4. Information Technology</b>			<b>4. Information Technology</b>		
5715	Distributed Database	3(3+0)	5715	Distributed Database	3(3+0)
5716	Data Warehousing and Mining	3(3+0)	5716	Data Warehousing and Mining	3(3+0)
5719	Advanced Topics in DBMS	3(3+0)	5719	Advanced Topics in DBMS	3(3+0)
5736	E-Commerce Applications	3(3+0)	5736	E-Commerce Applications	3(3+0)
5737	Advanced Topics in ITM	3(3+0)	5737	Advanced Topics in ITM	3(3+0)
<b>5. General</b>			<b>5. General</b>		
5702	Distributed System	3(3+0)	5702	Distributed System	3(3+0)
5704	Object Oriented Software Engineering	3(2+1)	5704	Object Oriented Software Engineering	3(2+1)
5705	Software Project Management	3(2+1)	5705	Software Project Management	3(2+1)
5706	Software Quality Assurance	3(2+1)	5706	Software Quality Assurance	3(2+1)
5707	Software Engineering Laboratory	3(0+3)	5707	Software Engineering Laboratory	3(0+3)
5708	Advanced Topics in Software Engineering	3(3+0)	5708	Advanced Topics in Software Engineering	3(3+0)
5709	Advanced Computer Networks	3(3+0)	5709	Advanced Computer Networks	3(3+0)
5710	Data Security and Encryption	3(3+0)	5710	Data Security and Encryption	3(3+0)
5711	Advanced Network Security	3(3+0)	5711	Advanced Network Security	3(3+0)
5715	Distributed Database	3(3+0)	5715	Distributed Database	3(3+0)
5716	Data Warehousing and Mining	3(3+0)	5716	Data Warehousing and Mining	3(3+0)
5717	Information System Security	3(3+0)	5717	Information System Security	3(3+0)
5718	Case Tools & Applications	3(3+0)	5718	Case Tools & Applications	3(3+0)
5719	Advanced Topics in DBMS	3(3+0)	5719	Advanced 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	3(3+0)	5726	Computer Aided	3(3+0)

	Instructions			Instructions	
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	Advanced Topics in Computer Science Education	3(3+0)	5729	Advanced Topics in Computer Science Education	3(3+0)
5735	Internet Service Planning	3(2+1)	5735	Internet Service Planning	3(2+1)
5736	E-Commerce Applications	3(3+0)	5736	E-Commerce Applications	3(3+0)
5737	Advanced Topics in ITM	3(3+0)	5737	Advanced Topics in ITM	3(3+0)
<b>3<sup>rd</sup> Semester</b> <b>(For Continuing Students Only)</b>			<b>4<sup>th</sup> Semester</b> <b>(For Continuing Students Only)</b>		
5745	Thesis	6(0+6)	5745	Thesis	6(0+6)

### 6.3 MS Environmental Design

(Old Scheme of Studies 1<sup>st</sup> time offered in Autumn 2012 Semester)

(For Continuing & Dropout Students Only)

(No New Admission)

<b>Spring 2017</b> <b>1<sup>st</sup> Semester</b> <b>(Following Diploma Courses as pre-requisite to MS Environmental Design)</b>			<b>Autumn, 2017</b> <b>2<sup>nd</sup> Semester</b> <b>(Following Diploma Courses as pre-requisite to MS Environmental Design)</b>		
<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>	<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>
1575	Introduction to Environmental Design:	4(3+1)	1579	Evaluation of Built Environmental for Physical Sustainability	4(3+1)
1576	Environmental Planning and Practice	4(3+1)			
1577	Environmental Psychology	3(3+0)	1581	Gender and Environment	3(3+0)
1578/ 7773	Research Methodology	4(3+1)	1582	Appropriate Technology	3(3+0)
			1584	Environmental Impact Assessment	3(3+0)
<b>MS Environmental Design</b> <b>(Completers of PGD Environmental Design after passing entry test are eligible for admission in MS Environmental Design)</b>					
<b>1<sup>st</sup> Semester</b>			<b>2<sup>nd</sup> Semester</b>		
1585/ 7771	Ecological Design: Cities, Transport and Landscape	4(3+1)	1594/ 7772	Statistical Methods in Environmental Health	4(3+1)
	<b>Elective I</b>		7773*	Research Methodology	4(3+1)
	<b>Elective II</b>			<b>Elective I</b>	
<b>List of Elective Courses</b>			<b>List of Elective Courses</b>		
1588/ 7774	Building Evaluation Techniques	4(3+1)	1588/ 7774	Building Evaluation Techniques	4(3+1)

1589/ 7775	Work Place Design	4(3+1)	1589/ 7775	Work Place Design	4(3+1)
1590/ 7776	Health Care Design	4(3+1)	1590/ 7776	Health Care Design	4(3+1)
1591/ 7777	Environmental Considerations in House and Housing Design	3(2+1)	1591/ 7777	Environmental Considerations in House and Housing Design	3(2+1)
1592/ 7778	Design for Children	2(2+0)	1592/ 7778	Design for Children	2(2+0)
1593/ 7779	Sustaining Culture and Design	4(3+1)	1593/ 7779	Sustaining Culture and Design	4(3+1)
7780	Environmental Law	3(3+0)	7780	Environmental Law	3(3+0)
7782	Ethics in Built Environment	2(2+0)	7782	Ethics in Built Environment	2(2+0)
7783	Computer based Environmental Assessment of Buildings	3(2+1)	7783	Computer based Environmental Assessment of Buildings	3(2+1)
1586/ 7784	Sustainable Practices and Ecological Building Materials	4(3+1)	1586/ 7784	Sustainable Practices and Ecological Building Materials	4(3+1)
7785	Energy and Environment in Architecture	3(3+0)	7785	Energy and Environment in Architecture	3(3+0)
7786	Architectural Engineering Design	4(3+1)	7786	Architectural Engineering Design	4(3+1)
<p><b>Note:- A student failing to opt any course in any particular semester from amongst the courses offered in that particular course. Since all the courses are being offered on alternate semester.</b></p> <p><b>* Those Students who have not studied Research Methodology Course in previous semesters will have to study this course because it is mandatory.</b></p>					

## 6.4 MS Environmental Design

(Revised New Scheme)

Spring 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
7591	Principles and Theories of Environmental Design	3(2+1)	7593	Environmental Impact Assessment	3(2+1)
7592	Environmental Psychology	3(2+1)	7594	Statistics in Environmental Health	3(2+1)
7773	Research Methods	3(2+1)			
7784	Sustainable Practices and Ecological Building Materials	3(2+1)	7771	Ecological Design: Cities, Transport and Landscape	3(2+1)
			---	Elective-I	3(2+1)

**List of Elective Courses**

<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>
7775	Environmental Issues in Workplace Design	3(2+1)
7776	Health Care Design	3(2+1)
7777	Environmental Consideration in House and Housing Design	3(2+1)
7778	Design for Children	3(2+1)
7785	Energy and Built Environment	3(2+1)

**6.5 MS Community Health and Nutrition**

(Old Scheme of Studies 1<sup>st</sup> time offered in Autumn, 2012 Semester)

(No New Admission)

<b>Spring 2017 2<sup>nd</sup> Semester</b>				<b>Autumn, 2017 1<sup>st</sup> Semester</b>		
<b>(Following Diploma courses as pre-requisite to MS Community Health and Nutrition)</b>				<b>(Following Diploma courses as pre-requisite to MS Community Health and Nutrition)</b>		
<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>	<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>	
859	Food Studies (Lab based practical are compulsory)	3(2+1)	861	Hospital Dietetics	3(2+1)	
865	Institutional Management	3(2+1)	886	Health Promotion	3(2+1)	
866	Sociology of Food & Nutrition	3(2+1)	7501	An Introduction to Human Nutrition	3(2+1)	
7503	Medical Sciences-I	(for 3(3+0)	7502	Applied Human Nutrition	3(2+1)	
7504	Medical Sciences-II	Dieticians) 3(2+1)	7511	Basics of Food Science	3(2+1)	
<b>OR</b>						
7505	Nutritional Epidemiology	(for 3(3+0)				
7506	Design of Nutritional Epidemiological Studies	Physician) 3(2+1)				
<b>Note:- Completers of the PGD Nutrition or PGD Dietetics after passing entry test are eligible for MS Community Health and Nutrition programme</b>						
<b>Spring, 2017 2<sup>nd</sup> Semester</b>				<b>Autumn, 2017 1<sup>st</sup> Semester</b>		
<b>For MS Students</b>				<b>For MS Students</b>		
1782	Modern Nutrition in Health and Disease-II	3(2+1)	1781	Modern Nutrition in Health and Disease-I	3(3+0)	
7765	Research Methods	3(2+1)	1788	Biostatistics	3(2+1)	
	Elective-I	3		Elective-I	3	
	Elective-II	3		Elective-II	3	

List of Elective Courses (Courses will be selected by the department at the time of admission from the given list)			List of Elective Courses (Courses will be selected by the department at the time of admission from the given list)		
7761	Community Nutrition	3(2+1)	7761	Community Nutrition	3(2+1)
7762	Food Theory and Its Application	3(2+1)	7762	Food Theory and Its Application	3(2+1)
7763	Food Microbiology	3(2+1)	7763	Food Microbiology	3(2+1)
7764	Food Biotechnology	3(2+1)	7764	Food Biotechnology	3(2+1)
1776	Dietetic Practice	3(2+1)	1776	Dietetic Practice	3(2+1)
1779	Computer Applications in Food and Nutrition	3(2+1)	1779	Computer Applications in Food and Nutrition	3(2+1)
1783	Food Analysis-I	3(2+1)	1783	Food Analysis-I	3(2+1)
1784	Food Analysis-II	3(2+1)	1784	Food Analysis-II	3(2+1)
1787	Research Techniques in Health and Nutrition	3(2+1)	1787	Research Techniques in Health and Nutrition	3(2+1)
<b>4<sup>th</sup> Semester For MS Students</b>			<b>3<sup>rd</sup> Semester For MS Students</b>		
1780	Research Thesis	12	1780	Research Thesis	12

## 6.6 MS Community Health and Nutrition

(Revised New Scheme)

<b>Autumn, 2017 Fresh Admission</b>		
<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>
7581	Hospital Dietetics	3(2+1)
7582	An Introduction to Human Nutrition	3(2+1)
7583	Functional Foods and Nutraceuticals	3(2+1)
7584	Biostatistics of Public Health	3(2+1)

## 6.7 MSc (Hons) Rural Development

<b>Spring 2017 Fresh Admission</b>			<b>Autumn, 2017 2<sup>nd</sup> Semester</b>		
<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>	<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</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 Management	3(3+0)

1793	Human Resource Development	3(3+0)	1797	Managing Projects in Rural Development	3(3+0)
<b>3<sup>rd</sup> Semester</b>			<b>4<sup>th</sup> Semester</b>		
1798	Thesis	12	1798	Thesis	12

## 6.8 MSc (Hons) Livestock Management

<b>Spring 2017 Fresh Admission</b>			<b>Autumn, 2017 2<sup>nd</sup> Semester</b>		
<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>	<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</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)			
2501	Range Land Management in Pakistan	3(3+0)	778	Dairy Production	3(2+1)
<b>3<sup>rd</sup> Semester</b>			782	Livestock Industry	3(3+0)
797	Thesis	12	<b>4<sup>th</sup> Semester</b>		
			797	Thesis	12

## 6.9 MSc (Hons) Agricultural Extension

<b>Spring 2017 Fresh Admission</b>			<b>Autumn, 2017 2<sup>nd</sup> Semester</b>		
<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>	<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>
795	Agricultural Extension Education	3(3-0)	799	Adult Learning & Rural Development	3(3-0)
796	Extension Program Development	3(3-0)	1793	Human Resource Development	3(3-0)
2525	Evaluation Research	3(3-0)	2518	Scientific & Technical Writing in Agricultural Extension	3(3-0)
2526	Agricultural Extension Systems	3(3-0)			
<b>3<sup>rd</sup> Semester</b>			2533	The Process & Strategies of Communication in Agricultural Extension	3(3-0)
2536	Thesis	12	<b>4<sup>th</sup> Semester</b>		
			2536	Thesis	12

## 6.10 MPhil Statistics

(Old Scheme for Continuing Students)

Spring 2017 1 <sup>st</sup> Semester			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
1732	Probability and Stochastic Process	3(3+0)	1735	Statistical Inference	3(3+0)
			1736	Research Methods	3(3+0)
1733	Numerical Analysis	3(3+0)	1740	Multivariate Methods	3(3+0)
1738	Linear Models	3(3+0)	1741	Multivariate Analysis	3(3+0)
1739	Advanced Econometrics	3(3+0)	<b>4<sup>th</sup> Semester For Continuing Students</b>		
<b>3<sup>rd</sup> Semester For Continuing Students</b>			1737	Thesis	12
1737	Thesis	12			

## 6.11 MPhil Statistics

(Revised New Scheme)

Spring 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
1732	Probability and Stochastic Process	3(3+0)	1735	Statistical Inference	3(3+0)
			1736	Research Methods	3(3+0)
1733	Numerical Analysis	3(3+0)	1802	Categorical Data Analysis	3(3+0)
1739	Advanced Econometrics	3(3+0)	1804	Statistical Pattern	3(3+0)
1741	Multivariate Analysis	3(3+0)		Recognition	

## 6.12 MPhil Mathematics

Spring, 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
7732	Theory of Fluids	3(3+0)	7741	Advanced Ring Theory	3(3+0)
7753	Probability and Stochastic Processes	3(3+0)	7744	Computational Fluid Dynamics	3(3+0)
	Optional-I			Optional-III	
	Optional-II	3(3+0)		Optional-IV	3(3+0)
<b>List of Optional Courses:</b>			<b>List of Optional Courses:</b>		
7731	Theory of Group Actions	3(3+0)	7731	Theory of Group Actions	3(3+0)

7733	Mathematical Techniques for Boundary Value Problems	3(3+0)	7733	Mathematical Techniques for Boundary Value Problems	3(3+0)
7734	Theory of Semigroups-1	3(3+0)	7734	Theory of Semigroups-1	3(3+0)
7735	Fixed Point Theory	3(3+0)	7735	Fixed Point Theory	3(3+0)
7736	Advanced Analytical Dynamics-1	3(3+0)	7736	Advanced Analytical Dynamics-1	3(3+0)
7737	Numerical Analysis of Spectral Methods	3(3+0)	7737	Numerical Analysis of Spectral Methods	3(3+0)
7738	Group Methods for Differential Equations	3(3+0)	7738	Group Methods for Differential Equations	3(3+0)
7739	Banach Algebra	3(3+0)	7739	Banach Algebra	3(3+0)
7740	Theory of Semirings	3(3+0)	7740	Theory of Semirings	3(3+0)
7742	Theory of Group Graphs	3(3+0)	7742	Theory of Group Graphs	3(3+0)
7743	Numerical Solutions of Partial Differential Equations	3(3+0)	7743	Numerical Solutions of Partial Differential Equations	3(3+0)
7745	C*-Algebra	3(3+0)	7745	C*-Algebra	3(3+0)
7746	General Relativity	3(3+0)	7746	General Relativity	3(3+0)
7747	Theory of Semigroups-II	3(3+0)	7747	Theory of Semigroups-II	3(3+0)
7748	Advanced Partial Differential Equations	3(3+0)	7748	Advanced Partial Differential Equations	3(3+0)
7749	Theory of LA-Semigroups	3(3+0)	7749	Theory of LA-Semigroups	3(3+0)
7751	Stochastic Differential Equations	3(3+0)	7751	Stochastic Differential Equations	3(3+0)
7752	Cellular Automata and Groups	3(3+0)	7752	Cellular Automata and Groups	3(3+0)
<b>3<sup>rd</sup> Semester</b>			<b>4<sup>th</sup> Semester</b>		
7750	Thesis	6	7750	Thesis	6

### 6.13 MPhil Physics

<b>Spring 2017 Fresh Admission</b>			<b>Autumn, 2017 2<sup>nd</sup> Semester</b>		
<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>	<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>
1701	Mathematical Physics	3(3+0)	<b>Four Courses will be offered by the department out which the student will chose any 04</b>		
1703	Electrodynamics	3(3+0)			
1722	Solid State Physics	3(3+0)			
7791	Research Methodology	3(3+0)			
<b>3<sup>rd</sup> Semester</b>			1702	Advanced Quantum Mechanics	3(3+0)
1725	Thesis	12(12+0)	1704	Computational Physics	3(3+0)
			1705	Atomic & Molecular Physics	3(3+0)
			1710	Laser Physics	3(3+0)
			1711	Quantum Optics	3(3+0)
			1712	Plasma Physics	3(3+0)
			1716	Nuclear Physics	3(3+0)
			1718	Experimental Techniques	3(3+0)
			1720	Semiconductor Physics	3(3+0)
			1721	Quantum Field Theory	3(3+0)
			1724	Crystallography	3(3+0)
			1726	Physics of Glasses	3(3+0)

1727	Physics of Solar Cell	3(3+0)
1728	Physics of Metals & Alloy	3(3+0)
1729	Non Crystalline Materials	3(3+0)
1730	Renewable Energy Resources	3(3+0)
7792	Environmental Physics	3(3+0)
7793	Antenna Theory	3(3+0)
7794	E. M. Field Analysis	3(3+0)
7795	Microelectronics	3(3+0)
7796	High Frequency Electrodynamics	3(3+0)
7797	Quantum Information Theory	3(3+0)
7798	Electron Microscopy	3(3+0)
<b>4<sup>th</sup> Semester</b>		
1725	Thesis	12(12+0)

## 6.14 MPhil Chemistry

Spring 2017 2 <sup>nd</sup> Semester			Autumn, 2017 Fresh Admission		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
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)
1772	Theoretical Background of Organic Lab. Techniques	3(3+0)	1772	Theoretical Background of Organic Lab. Techniques	3(3+0)
1745	NMR Spectroscopy	3(3+0)	1745	NMR Spectroscopy	3(3+0)
1746	Advanced Heterocyclic Chemistry	3(3+0)	1746	Advanced Heterocyclic Chemistry	3(3+0)
1773	Organic Spectroscopy	3(3+0)	1773	Organic Spectroscopy	3(3+0)
1774	Homogeneous Catalysis	3(3+0)	1774	Homogeneous Catalysis	3(3+0)
Any four {3(3+0) Credit Hours} courses out of the above mentioned theory courses will be offered, subject to the availability of expertise.			Any four {3(3+0) Credit Hours} courses out of the above mentioned theory courses will be offered, subject to the availability of expertise.		

4 <sup>th</sup> Semester			3 <sup>rd</sup> Semester		
1760	Research Work & Thesis	12(0+12)	1760	Research Work & Thesis	12(0+12)

## 7. PhD Programme (MPhil Based)

### 7.1 PhD Computer Science

Spring, 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
	Elective-I	3(3+0)		Elective-IV	3(3+0)
	Elective-II	3(3+0)		Elective-V	3(3+0)
	Elective-III	3(3+0)		Elective-VI	3(3+0)
<b>Note:</b> The Department of Computer Science reserves the right to offer any 3 of listed courses depending upon the available faculty/laboratory resources and viable student's enrolment.			<b>Note:</b> The Department of Computer Science reserves the right to offer any 3 of listed courses depending upon the available faculty/laboratory resources and viable student's enrolment.		
List of Elective Courses			List of Elective Courses		
7701	Software Development: Tools & Processes	3(3+0)	7701	Software Development: Tools & Processes	3(3+0)
7702	Advanced Database System Design	3(3+0)	7702	Advanced Database System Design	3(3+0)
7703	Advanced Data Mining	3(3+0)	7703	Advanced Data Mining	3(3+0)
7704	System Simulation	3(3+0)	7704	System Simulation	3(3+0)
7705	Internet Systems and Application	3(3+0)	7705	Internet Systems and Application	3(3+0)
7706	Topics in Video Computing	3(3+0)	7706	Topics in Video Computing	3(3+0)
7707	Image and Video Compression	3(3+0)	7707	Image and Video Compression	3(3+0)
7708	Digital Image Processing	3(3+0)	7708	Digital Image Processing	3(3+0)
7709	Multimedia Systems	3(3+0)	7709	Multimedia Systems	3(3+0)
7710	Computer Animations in Education	3(3+0)	7710	Computer Animations in Education	3(3+0)
7711	Philosophy of Cognition	3(3+0)	7711	Philosophy of Cognition	3(3+0)
7712	Educational Technology: Design and Evaluation	3(3+0)	7712	Educational Technology: Design and Evaluation	3(3+0)
7713	Topics in Machine Learning	3(3+0)	7713	Topics in Machine Learning	3(3+0)
7714	Knowledge Engineering	3(3+0)	7714	Knowledge Engineering	3(3+0)
7715	PhD Research Seminar I / Research Paper I	Non Credit	7715	PhD Research Seminar I / Research Paper I	Non Credit
7716	PhD Research Seminar II / Research Paper II	Non Credit	7716	PhD Research Seminar II / Research Paper II	Non Credit
3 <sup>rd</sup> Semester For Continuing Students			4 <sup>th</sup> Semester For Continuing Students		

5750	Thesis	6(0+6)	5750	Thesis	6(0+6)
<b>5<sup>th</sup> Semester</b>			<b>6<sup>th</sup> Semester</b>		
5750	Thesis	6(0+6)	5750	Thesis	6(0+6)

## 7.2 PhD Agricultural Extension

<b>Spring 2017 Fresh Admission</b>			<b>Autumn, 2017 2<sup>nd</sup> Semester</b>		
<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>	<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>
1742	Application of Extension Methods	3(3-0)	1743	Community Development and Gender Issues	3(3-0)
2524	Agricultural Extension in Developing Countries	3(3-0)	1744	Special Topics	3(3-0)
			2505	Diffusion of Innovation	3(3-0)
2527	Communication Strategies in Agricultural Extension	3(3-0)	<b>4<sup>th</sup> Semester For Continuing Students</b>		
<b>3<sup>rd</sup> Semester For Continuing Students</b>			1771	Thesis	12
1771	Thesis	12			

## 7.3 PhD Chemistry

<b>Spring 2017 Fresh &amp; Continuing Students</b>			<b>Autumn, 2017 Fresh &amp; Continuing Students</b>		
<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>	<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>
1756	Organic Photochemistry	3(3+0)	1756	Organic Photochemistry	3(3+0)
1757	Pericyclic Chemistry	3(3+0)	1757	Pericyclic Chemistry	3(3+0)
1758	Reaction Mechanism	3(3+0)	1758	Reaction Mechanism	3(3+0)
1762	Quantum Organic Chemistry	3(3+0)	1762	Quantum Organic Chemistry	3(3+0)
1765	Advanced Nuclear Magnetic Resonance (NMR) Spectroscopy	3(3+0)	1765	Advanced Nuclear Magnetic Resonance (NMR) Spectroscopy	3(3+0)
1766	Special topics in Chemistry	3(3+0)	1766	Special topics in Chemistry	3(3+0)
1767	Mass Spectrometry	3(3+0)	1767	Mass Spectrometry	3(3+0)
1768	Special Techniques in Organic Synthesis	3(3+0)	1768	Special Techniques in Organic Synthesis	3(3+0)
1769	Theoretical Aspects of Spectroscopy	3(3+0)	1769	Theoretical Aspects of Spectroscopy	3(3+0)
1789	Literature Review and Seminar	3(3+0)	1789	Literature Review and Seminar	3(3+0)
1799	Instrumental Methods of Analysis	3(3+0)	1799	Instrumental Methods of Analysis	3(3+0)
<b>Any Three 3(3+0) Credit Hours courses out of the above mentioned theory courses will be offered, subject to the availability of</b>			<b>Any Three 3(3+0) Credit Hours courses out of the above mentioned theory courses will be offered, subject to the availability of</b>		

<b>expertise.</b>	<b>expertise.</b>
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3 <sup>rd</sup> Semester			3 <sup>rd</sup> Semester		
1764	Research Work & Thesis	12(0+12)	1764	Research Work & Thesis	12(0+12)
4 <sup>th</sup> Semester			4 <sup>th</sup> Semester		
1764	Research Work & Thesis	12(0+12)	1764	Research Work & Thesis	12(0+12)

#### 7.4 PhD Physics

Spring 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
9701	Advanced Mathematical Physics	3(3+0)	9703	Advanced Semiconductor Physics	3(3+0)
9702	Experimental in Physics	3(3+0)	9704	Statistical Physics	3(3+0)
9706	Renewable Energy Resources	3(3+0)	9705	Environmental Physics	3(3+0)
3 <sup>rd</sup> Semester			9707	Hydrogen Energy Technology	3(3+0)
			9708	Energy Audit and Thermal Energy Conservation	3(3+0)
9700	Thesis	6(6+0)	9709	Energy Resources & Technologies	3(3+0)
			9710	Research Methods & Techniques	3(3+0)
			9711	Magnetism & Magnetic Materials	3(3+0)
			9712	Particle Physics	3(3+0)
			9713	Medical Physics	3(3+0)
			9714	Material Science	3(3+0)
			9715	Nano Science & Nanotechnology	3(3+0)
			4 <sup>th</sup> Semester		
			9700	Thesis	6(6+0)

#### 7.5 PhD Statistics

Spring 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
4763	Stochastic Processes	3(3+0)	4761	Survival Analysis	3(3+0)
4767	Advanced Topics in Regression and Econometrics	3(3+0)	4767	Recent Developments in Statistics	3(3+0)
9755	Spatial Data Analysis	3(3+0)	4770	Advanced Topics in Statistical Inference	3(3+0)
3 <sup>rd</sup> Semester			4 <sup>th</sup> Semester		

4768	Research Thesis	12	4768	Research Thesis	12
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## 7.6 PhD Food and Nutrition

<b>Autumn, 2017 Fresh Admission (Any three courses will be offered in 1<sup>st</sup> Semester)</b>		
<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>
2761	World Food and Nutrition Problems	3(3+0)
2762	Nutrition Through Life Cycle	3(3+0)
2763	Food Quality & Consumer Value	3(2+1)
2764	Principles of Nutritional Assessment	3(2+1)
2765	Designing Personalized Scientific Nutritional Plan	3(2+1)
2766	Nutrition and Dietetics for Health Care	3(3+0)
2767	Functional Foods	3(2+1)
2768	Nutrition and Metabolism	3(3+0)

## 7.7 PhD Sustainable Environmental Design

(New Programme)

<b>Spring 2017 Fresh Admission</b>			<b>Autumn, 2017 2<sup>nd</sup> Semester</b>		
<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>	<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>
	Environmental Principles & Policies	3		Sustainable Urban Development	3
	Sustainable Design Practices	3		Energy and Built Environment	3
	Methods of Environmental Impact Assessment	3		Advance Research Methods	3
	<b>OR</b> Environmental Monitoring	3			

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# Faculty of Social Sciences & Humanities

**Faculty Coordinator:**

**Mrs. Falak Amjad**

## D. Faculty of Social Sciences and Humanities

Sr. No.	Programme	Spring Semester	Autumn Semester	Required Credit or Cr. Hrs	Programme's Minimum Duration
<b>1.</b>	<b>Course Certificate Programmes</b>				
1.1	Functional/Non Credit	Fresh	Fresh	Non Credit	01 Semester
1.2	Certificate in Librarianship	Fresh	Fresh	02 Credits	01 Semester
<b>2.</b>	<b>Secondary School Certificate (SSC) Programme</b>				
2.1	SSC Courses	Continue	Continue	08 Credits	04 Semesters
<b>3.</b>	<b>Higher Secondary School Certificate (HSSC) Programme</b>				
3.1	HSSC Courses	Continue	Continue	08 Credits	04 Semesters
<b>4.</b>	<b>Bachelor Programmes</b>				
4.1	BA Courses	Continue	Continue	08 Credits	04 Semesters
4.2	BCom (Commerce Group) (for continuing students only)	Continue	Continue	08 Credits	04 Semesters
4.3	BBA (Group) (for left over students only)	No New Admission	No New Admission	10 Credits	04 Semesters
4.4	Library and Information Sciences (Group) (BLIS) (for continuing students only)	Continue	Continue	08 Credits	04 Semesters
4.5	BA Mass Communication (Group) (for continuing students only)	Continue	Continue	08 Credits	04 Semesters
4.6	Associate Degree in Commerce (Specialization in Hotel Management, Tourism Management, Hospital Management, Banking & Finance, Accounting & Finance, Human Resource Management, Information Technology Management and Marketing Management)	Fresh & Continue	Fresh & Continue	66 Cr. Hrs	04 Semesters
<b>5.</b>	<b>Postgraduate Diploma &amp; Master Programmes</b>				
5.1	Diploma TEFL	Fresh	Continue	30 Cr.Hrs	02 Semesters
5.2	MA TEFL	Fresh	Continue	60 Cr.Hrs	04 Semesters
5.3	Master of Library and Information Sciences	Fresh	Continue	60 Cr.Hrs	04 Semesters
5.4	MA Urdu	Continue	Fresh	60 Cr.Hrs	04 Semesters
5.5	MA History	Fresh	Continue	60 Cr.Hrs	04 Semesters
5.6	PGD Human Resource Management(Duration 1 Year)	Continue	Fresh	30 Cr.Hrs	02 Semesters
5.7	CoL MBA/MPA Programme	Fresh &	Fresh &	90 Cr.Hrs	04 Semesters

	for Executive	Continue	Continue		
5.8	MCom (Accounting and Finance)	Fresh & Continue	Fresh & Continue	63 Cr.Hrs	04 Semesters
5.9	MSc Economics	Continue	Fresh	60 Cr.Hrs	04 Semesters
5.10	PGD Mass Communication (Revised New Scheme)	Fresh	Continue	30 Cr.Hrs	02 Semesters
5.11	MSc Mass Communication (Old Scheme)	Continue	Continue	60 Cr.Hrs	04 Semesters
5.12	MSc Mass Communication (Revised New Scheme)	Fresh	Continue	60 Cr.Hrs	04 Semesters
5.13	MSc Television Production	Fresh	Continue	60 Cr.Hrs	04 Semesters
5.14	MSc Sociology	Fresh	Continue	60 Cr.Hrs	04 Semesters
5.15	MSc Pakistan Studies	Continue	Fresh	60 Cr.Hrs	04 Semesters
5.16	PGD Gender & Women Studies	Continue	Fresh	30 Cr.Hrs	02 Semesters *
5.17	MSc Gender & Women Studies	Continue	Fresh	60 Cr.Hrs	04 Semesters
<b>6.</b>	<b>MPhil/MS Programmes</b>				
6.1	MPhil Iqbal Studies	Continue	Fresh	24 Cr.Hrs Course Work + 12 Cr.Hrs Research & Thesis	04 Semesters
6.2	MPhil Urdu	Fresh	Continue	-do-	04 Semesters
6.3	MPhil Mass Communication	Continue	Fresh	-do-	04 Semesters
6.4	MPhil History	Fresh	Continue	-do-	04 Semesters
6.5	MPhil Economics	Fresh	Continue	-do-	04 Semesters
6.6	MPhil Pakistani Languages & Literature	Fresh	Continue	-do-	04 Semesters
6.7	MPhil Pakistan Studies	Fresh	Continue	-do-	04 Semesters
6.8	MS Management Sciences	Fresh	Continue	-do-	03 Semesters
6.9	MBA Rural Development (Duration 3 ½ Years)	Continue	Fresh	96 Cr.Hrs	07 Semesters
6.10	Master of Business Administration (Duration 3 ½ Years)	Continue	Fresh	96 Cr.Hrs (in IT Cr.Hrs 100)	07 Semesters
6.11	Master of Business Administration (Duration 2 ½ Years)	Continue	Fresh	66 Cr.Hrs (in IT Cr.Hrs 67)	05 Semesters
<b>7.</b>	<b>PhD Programmes (MPhil Based)</b>				
7.1	PhD Iqbal Studies	Continue	Fresh	18 Cr.Hrs Course Work + Thesis	06 Semesters
7.2	PhD Pakistani Languages & Literature	Continue	Fresh	-do-	06 Semesters
7.3	PhD Urdu	Continue	Fresh	-do-	06 Semesters
7.4	PhD Mass Communication	Continue	Fresh	-do-	06 Semesters



## 1. Course Certificate Programmes

### 1.1 Functional /Non Credit

Spring and Autumn, 2017

Code	Course Title	Credit
112	French Online Certificate Course	Non Credit

### 1.2 Certificate in Librarianship

Code	Course Title	Credit
422	Organizing Library Resources	Full
423	Library Services	Full

## 2. Secondary School Certificate (SSC) Programme

### 2.1 SSC Courses

Spring and Autumn, 2017

Code	Course Title	Credit
202	Pakistan Studies	Full
204	Urdu for Daily Use	Full
207	Compulsory English-I	Half
213	Sindhi Compulsory (For Sindhi students only) in lieu of 204	Full
221	Compulsory English-II	Half

Note: Course 207 is pre-requisite for Course Code 221

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

### 3.1 HSSC Courses

Spring & Autumn, 2017

Code	Course Title	Credit
301	Daftri Urdu	Half
303	Iqbaliat	Full
305	Rural Development	Half

311	Book Keeping and Accountancy	Full
315	Economics	Full
317	Pakistan Studies	Half
319	Ethics (For Non-Muslim students only) in lieu of 316	Half
321	Muslim History of Sub-Continent	Full
322	Secretarial Practice	Half
346	Principles of Commerce	Full
347	Banking	Half
361	Persian	Full
363*	Urdu-I	Half
364*	Urdu-II	Half
371	Women Policing	Full
372	Criminology	Full
376	Human Rights	Full
386*	Compulsory English-I	Half
387*	Compulsory English-II	Half
388	Penology	Full
398*	Sindhi+Easy Urdu-I (for Sindhi Students only) in lieu of 363	Half
399*	Sindhi+Easy Urdu-II (for Sindhi Students only) in lieu of 364	Half

**Course Code 363 is pre-requisite for Course Code 364 and Course Code 386 is pre-requisite for Course Code 387**

**Course Code 398 is pre-requisite for Course Code 399**

## 4. Bachelor Programmes

### 4.1 BA Courses

Spring & Autumn, 2017

Code	Course Title	Credit
402	Economics	Full
404	Urdu	Full
405	Iqbaliat	Full
406	Economics of Pakistan	Full
407	Modern Muslim World	Full
409	Commercial Geography	Full
411	Sociology-I	Full
412	Social & Cultural Anthropology	Full
413	Sociology-II	Half
414	Demography	Full
417	Pakistan Studies	Half
418	Ethics (For Non-Muslim students only) in lieu of 416	Half
422*	Organizing Library Resources	Full
423*	Library Services	Full
426	Pakistani Adab-II	Full
427	Pakistani Adab-I	Half

430	Principles of Journalism	Full
431	Reporting	Half
433	Iqbal's Persian Poetry	Half
434	Iqbal's Urdu Prose	Half
438*	Principles of Accounting	Half
439	Advertising and Sales Promotion	Half
444*	Advance Accounting	Half
445	History of Urdu Adab	Full
447	Marketing Management	Half
449	Magazine Journalism	Half
451	Public Relations	Half
452	Mass Communication	Half
453	Radio Broadcasting	Half
454	TV Broadcasting	Half
455	Book Editing	Half
456	Business Taxation	Half
458	Community Development	Full
460	Mercantile Law	Half
461	Advertising	Half
462	Cost Accounting	Half
463	Fundamentals of Business	Half
465	Population and Development	Full
466*	History of Libraries with Reference to Pakistan	Full
467*	Classification and Cataloguing	Full
470	Principles of Marketing	Half
481	Auditing	Half
1423*	Compulsory English-I	Half
1424*	Compulsory English-II	Half
1425	Basics of Technical Writing	Half
1426	English Literature	Half

**Note: \*** Course Codes 422,423 are Pre-requisite for Course Codes 466 and 467.  
Course Code 438 is Pre-requisite for Course Code 444.  
Course Code 1423 is Pre-requisite for Course Code 1424.

## 4.2 BCom (Commerce Group)

(For Continuing Students Only)

Spring & Autumn, 2017

1 <sup>st</sup> Semester		
Code	Course Title	Credit
1423	Compulsory English-I	Half
438	Principles of Accounting	Half
463	Fundamentals of Business	Half

416	Islamiat <b>OR</b>	Half
418	Ethics (For Non-Muslim Students only) in lieu of 416	Half
<b>2<sup>nd</sup> Semester</b>		
402	Economics	Full
460	Mercantile Law	Half
470	Principles of Marketing <b>OR</b>	Half
3400	Fundamentals of Computers	Half
<b>3<sup>rd</sup> Semester</b>		
1424	Compulsory English-II	Half
417	Pakistan Studies	Half
444	Advanced Accounting	Half
1429	Business Mathematics	Half
<b>4<sup>th</sup> Semester</b>		
462	Cost Accounting	Half
456	Business Taxation	Half
481	Auditing	Half
1430	Business Statistics	Half

### 4.3 BBA (Group)

<b>Spring, 2017</b>			<b>Autumn, 2017</b>		
<b>Left over courses for the students enrolled before Autumn 2010 Semester</b>			<b>Left over courses for the students enrolled before Autumn 2010 Semester</b>		
<b>Code</b>	<b>Course Title</b>	<b>Credit</b>	<b>Code</b>	<b>Course Title</b>	<b>Credit</b>
1423	Compulsory English-I	Half	133	Business Statistics	Half
131	Micro Economics	Half	136	Business Communications	Half
134	Fundamentals of Accounting	Half	137	Management Theory & Practice	Half
135	Business Mathematics	Half	182	Financial Accounting	Half
3400	Fundamentals of Computers	Half	417	Pakistan Studies	Half
<b>Spring, 2017</b>			<b>Autumn, 2017</b>		
<b>3<sup>rd</sup> Semester</b>			<b>4<sup>th</sup> Semester</b>		
138	Marketing Theory and Practice	Half	185	Macro Economics	Half
184	Computer Applications for Business	Half	187	Human Resource Management	Half
			190	Marketing Management	Half
186	Cost Accounting	Half	191	Financial Management	Half
189	Banking Laws & Practice	Half	193	Entrepreneurship	Half
416	Islamiat <b>OR</b>	Half			
418	Ethics (For Non-Muslim Students only) in lieu of 416	Half			

#### 4.4 Library and Information Sciences (Group) (BLIS)

(For Continuing Students Only)  
Spring and Autumn, 2017

##### Compulsory Courses

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

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

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

Code	Course Title	Credit
404	Urdu	Full
419	Education	Full
427	Pakistani Adab-I	Half
431	Reporting	Half
451	Public Relations	Half
452	Mass Communication	Half
455	Book Editing	Half
461	Advertising	Half

#### 4.5 BA Mass Communication (Group)

(For Continuing Students Only)  
Spring & Autumn, 2017

##### Compulsory Courses

Code	Course Title	Credit
416	Islamiat <b>OR</b>	Half
418	Ethics (For Non-Muslim Students Only) In lieu of 416	Half
417	Pakistan Studies	Half
430	Principles of Journalism	Full
431	Reporting	Half

451	Public Relations	Half
452	Mass Communication	Half
453	Radio Broadcasting	Half
454	TV Broadcasting	Half
461	Advertising	Half
1423*	Compulsory English-I	Half
1424*	Compulsory English-II	Half

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

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

<b>Code</b>	<b>Course Title</b>	<b>Credit</b>
422	Organizing Library Resources	Full
423	Library Services	Full
427	Pakistani Adab-I	Half
449	Magazine Journalism	Half
455	Book Editing	Half

#### 4.6 Associate Degree in Commerce

**(Specialization in Hotel Management, Tourism Management, Hospital Management, Banking & Finance, Accounting & Finance, Human Resource Management, Information Technology Management and Marketing Management)**

<b>Spring, 2017 Fresh Admission</b>			<b>Autumn, 2017 Fresh Admission</b>		
<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>	<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>
5436	Islamiat <b>OR</b>	3	5436	Islamiat <b>OR</b>	3
5437	Ethics (For Non Muslim Students only)	3	5437	Ethics (For Non Muslim Students only)	3
5438	Pakistan Studies	3	5438	Pakistan Studies	3
5402	Fundamentals of Business	3	5402	Fundamentals of Business	3
5403	Basics of ICT	3	5403	Basics of ICT	3
5404	Compulsory English-I	3	5404	Compulsory English-I	3
<b>2<sup>nd</sup> Semester</b>			<b>2<sup>nd</sup> Semester</b>		
5401	Principles of Accounting	3	5401	Principles of Accounting	3
5405	Applied Mathematics for Business & Social Sciences	3	5405	Applied Mathematics for Business & Social Sciences	3
5406	Micro Economics	3	5406	Micro Economics	3
5411	Compulsory English-II	3	5411	Compulsory English-II	3
5415	Sociology	3	5415	Sociology	3
<b>3<sup>rd</sup> Semester</b>			<b>3<sup>rd</sup> Semester</b>		
5407	Principles of Marketing	3	5407	Principles of Marketing	3
5409	Business Communication	3	5409	Business Communication	3
5410	Cost Accounting	3	5410	Cost Accounting	3
5412	Statistics for Management	3	5412	Statistics for Management	3

5414	Principles of Management	3	5414	Principles of Management	3
5416	Macro Economics	3	5416	Macro Economics	3
<b>4<sup>th</sup> Semester</b>			<b>4<sup>th</sup> Semester</b>		
<b>The students have to choose any one of the following specializations</b>			<b>The students have to choose any one of the following specializations</b>		
5413	Business Law (Compulsory)	3	5413	Business Law (Compulsory)	3
5440	Internship in relevant industry of 03 Months/Project (Compulsory)	3	5440	Internship in relevant industry of 03 Months/Project (Compulsory)	3
<b>Hotel Management</b>			<b>Hotel Management</b>		
5422	Food & Beverage Management	3	5422	Food & Beverage Management	3
5424	Front Office Management	3	5424	Front Office Management	3
5430	House-Keeping Management	3	5430	House-Keeping Management	3
<b>Hospital Management</b>			<b>Hospital Management</b>		
5423	Social Policy and Strategy	3	5423	Social Policy and Strategy	3
5428	Hospital Management	3	5428	Hospital Management	3
5429	Health Care Marketing	3	5429	Health Care Marketing	3
<b>Accounting &amp; Finance</b>			<b>Accounting &amp; Finance</b>		
5417	Auditing	3	5417	Auditing	3
5418	Financial Accounting	3	5418	Financial Accounting	3
5419	Advanced Accounting	3	5419	Advanced Accounting	3
<b>Tourism Management</b>			<b>Tourism Management</b>		
5425	Cultural Heritage of Pakistan	3	5425	Cultural Heritage of Pakistan	3
5426	Tourism Management	3	5426	Tourism Management	3
5427	Tour Guiding and Operations	3	5427	Tour Guiding and Operations	3
<b>Information Technology Management</b>			<b>Information Technology Management</b>		
3410	Data Base-I	3	3410	Data Base-I	3
3413	Data Communication	3	3413	Data Communication	3
3414	Software Engineering-I	3	3414	Software Engineering-I	3
<b>Banking &amp; Finance</b>			<b>Banking &amp; Finance</b>		
5417	Auditing	3	5417	Auditing	3
5420	Banking Law & Practice	3	5420	Banking Law & Practice	3
5421	Islamic Banking	3	5421	Islamic Banking	3
<b>Human Resource Management</b>			<b>Human Resource Management</b>		
5423	Social Policy and Strategy	3	5423	Social Policy and Strategy	3
5431	Human Resource Management	3	5431	Human Resource Management	3
5432	Organizational Behavior	3	5432	Organizational Behavior	3
<b>Marketing Management</b>			<b>Marketing Management</b>		
5433	Marketing Research	3	5433	Marketing Research	3
5434	Marketing Management	3	5434	Marketing Management	3

5435	Advertisement & Sales Promotion	3	5435	Advertisement & Sales Promotion	3
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## 5. Postgraduate Diploma & Master Programmes

### 5.1 Diploma TEFL

Spring, 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
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 (Compulsory Component)	6
5658	Phonology	3			

### 5.2 MA TEFL

Spring, 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
5664	Educational Psychology and the Management of Learning	3	5667	English for Specific Purposes	3
			5668	Modern Grammatical Theory	3
5665	Language Variation & Stylistics	3	5670	Thesis	12
5666	Semantics & Discourse Analysis	3			
5669	Research Methodology	3			
5663	Workshop (Makeup course: To be offered to the candidates with 24 Cr. Hours Diploma TEFL or equivalent qualification only. The Course will be offered only if sizeable group is available)	6			

### 5.3 Master of Library & Information Sciences (MLIS)

Spring, 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
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>3<sup>rd</sup> Semester</b>			<b>4<sup>th</sup> Semester</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

### 5.4 MA Urdu

Spring, 2017 2 <sup>nd</sup> Semester			Autumn, 2017 Fresh Admission		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
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
<b>4<sup>th</sup> Semester</b>			<b>3<sup>rd</sup> Semester</b>		
5615	Urdu Literature in Pakistani Period-I	3	5609	Styles in Urdu Prose-I	3
			5610	Styles in Urdu Prose-II	3

5616	Urdu Literature in Pakistani Period-II	3	5611	Specific Study of Mir & Ghalib-I	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 cannot study a course from Arabic and other from Persian.</b>			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			

## 5.5 MA History

Spring, 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
5671	Research Methods	3	5676	Historical Research Methods	3
5672	Ancient Cultures and Civilization of India	3	5677	Mughal Rule in India (1526-1707)	3
5673	Muslim in India (712-1526)	3	5678	Decline of Mughal Rule in India	3
5674	Early Islamic History (570-681)	3	5679	Historiography	3
5675	Constitutional Development and Muslim Response in India (1900-47)	3	5680	Rise of the British and Muslim Rule in India (1707-1858)	3
3 <sup>rd</sup> Semester Select Any Five Courses			4 <sup>th</sup> Semester Select Any Five Courses		
5681	Pakistan and the World Affairs	3	5687	History of NWFP	3
5682	History of Punjab	3	5688	Afghanistan: A Synoptic History (1747 – 2006)	3

5683	History of Pakistan-I (1947-71)	3	5689	History of Morden India (1947 – 2006)	3
5684	History of Sindh	3	5690	History of Pakistan-II (1971 – 2008)	3
5685	British Administrative and Constitutional Development in India (1858 – 1947)	3	5691	History of Balochistan	3
5686			History of Saudi Arabia	3	5692

## 5.6 PGD Human Resource Management

(Duration 1 Year)

Spring, 2017 2 <sup>nd</sup> Semester			Autumn, 2017 Fresh Admission		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
9506	Organizational Behavior	3	9501	Fundamentals of Business	3
9507	Compensation Management	3	9502	Professional Communication	3
9508	Performance Management	3	9503	Management Theory and Practice	3
9509	Labor Management Relations	3			
9510	Strategic Human Resource Management	3	9504	Human Resource Management	3
			9505	Computer Applications for Business	3

## 5.7 COL MBA/MPA Programmes for Executives

Spring & Autumn, 2017

COL MBA/MPA Programme for Executives Fresh Admission		
Code	Course Title	Cr.Hours
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		
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	6

	Decisions (Two elective courses from the list below.)	
<b>CMPA</b>		
5573	Development Planning & Administration	6
5599	Research Methodology for Management Decisions (Two elective courses from the list below.)	6
<b>4<sup>th</sup> Semester CMBA</b>		
5574	Strategic Management	6
5598	Project (One elective course from the list)	6
<b>CMPA</b>		
5572	Public Policy	6
5598	Project	6
5570	Public Systems Management	6
<b>List of the Elective Courses</b>		
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

## 5.8 MCom

(Accounting and Finance)

<b>Spring, 2017 Fresh Admission</b>			<b>Autumn, 2017 Fresh Admission</b>		
<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>	<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>
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
<b>2<sup>nd</sup> Semester</b>			<b>2<sup>nd</sup> Semester</b>		
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
<b>3<sup>rd</sup> Semester</b>			<b>3<sup>rd</sup> Semester</b>		
8513	Financial Management	3	8513	Financial Management	3
8514	Business and Labour Laws	3	8514	Business and Labour Laws	3
8515	Consumer Behaviour	3	8515	Consumer Behaviour	3
8516	Project Management	3	8516	Project Management	3
8522	Managerial Economics	3	8522	Managerial Economics	3
<b>4<sup>th</sup> Semester</b>			<b>4<sup>th</sup> Semester</b>		
8524	Corporate Finance	3	8524	Corporate Finance	3
8526	Money & Capital Markets	3	8526	Money & Capital Markets	3
8531	Taxation Management	3	8531	Taxation Management	3
8533	Auditing	3	8533	Auditing	3
8566	Research Project	6	8566	Research Project	6

## 5.9 MSc Economics

<b>Spring, 2017 2<sup>nd</sup> Semester</b>			<b>Autumn, 2017 Fresh Admission</b>		
<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>	<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>
805	Advanced Microeconomics	3	801	Introduction to Microeconomics	3
806	Advanced Macroeconomics	3	802	Introduction to Macroeconomics	3
807	Basic Econometrics	3	803	Mathematics for Economists	3
4671	Development Economics-I	3	804	Statistics for Economists	3
4672	Development Economics-II	3	808	Public Finance and Fiscal Policy	3
<b>4<sup>th</sup> Semester</b>			<b>3<sup>rd</sup> Semester</b>		
814	Thesis	12	<b>3<sup>rd</sup> Semester</b>		
<b>OR</b>			810	Economic Planning: Techniques and Applications	3
<b>Students can select four courses (each 3 credit hours) from the following Note: the Course Code 6565 and 6566 are pre-requisite. Similarly Course Code 6569 and 6570 are pre-requisite.</b>			811	Monetary Theory and Policy	3
			4673	International Economics-I	3
			4674	International Economics-II	3
			4675	Islamic Economics-I	3
			4676	Islamic Economics-II	3
			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 &	3			

### 5.10 Postgraduate Diploma in Mass Communication

(Revised New Scheme)

Spring, 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
5625	Print Media-I	3	964	Language Skills & Communicative Abilities	3
5626	Print Media-II	3			
5627	Electronic Media-I	3	965	Development Support Communication	3
5628	Electronic Media-II	3			
			5631	Mass Communication-I	3
			5632	Mass Communication-II	3
			6603	Media Laws & Ethics-I	3
			6604	Media Laws & Ethics-II	3

### 5.11 MSc Mass Communication

(Old Scheme for Continuing Students Only)

Spring, 2017 1 <sup>st</sup> Semester			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
5625	Print Media-I	3	964	Language Skills & Communicative Abilities	3
5626	Print Media-II	3			
5627	Electronic Media-I	3	965	Development Support Communication	3
5628	Electronic Media-II	3			
5629	Research Methods in Mass Communication-I	3	5631	Mass Communication-I	3
			5632	Mass Communication-II	3
5630	Research Methods in Mass Communication-II	3	5633	National & International Current Affairs-I	3
<b>3<sup>rd</sup> Semester</b>			5634	National & International Current Affairs-II	3
5635	Mass Communication Theories-I	3	<b>4<sup>th</sup> Semester</b>		
5636	Mass Communication Theories-II	3	967	Advertising	3
			968	Public Relations	3
5637	Basis Concepts in Social Sciences-I	3	5639	Social Psychology -I	3
			5640	Social Psychology -II	3
5638	Basis Concepts in Social Sciences-II	3	970	<b>OR</b> Thesis	12

## 5.12 MSc Mass Communication

(Revised New Scheme)

Spring, 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
967	Advertising	3	964	Language Skills & Communicative Abilities	3
968	Public Relations	3			
5625	Print Media-I	3	965	Development Support Communication	3
5626	Print Media-II	3			
5627	Electronic Media-I	3	5631	Mass Communication-I	3
5628	Electronic Media-II	3	5632	Mass Communication-II	3
<b>3<sup>rd</sup> Semester</b>			6603	Media Ethics & Laws-I	3
5629	Research Methods in Mass Communication-I	3	6604	Media Ethics & Laws-II	3
	<b>4<sup>th</sup> Semester</b>				
5630	Research Methods in Mass Communication-II	3	5633	National & International Current Affairs-I	3
5635	Theories of Mass Communication-I	3	5634	National & International Current Affairs-II	3
5636	Theories of Mass Communication-II	3	5637	Basic Concepts in Social Sciences-I*	3
			5638	Basic Concepts in Social Sciences-II*	3
			<b>OR</b>		
			5639	Social Psychology-I*	3
			5640	Social Psychology-II*	3
			<b>OR</b>		
			970	Thesis	12

**Note:** \* Students studying in fourth semester can opt either Basics Concepts in Social Sciences-I and Basics Concepts in Social Sciences-II or Social Psychology-I and Social Psychology-II.

The students have to study the part-I and part-II of the same course simultaneously. They cannot opt for one part and leave other.

## 5.13 MSc in Television Production

Spring, 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
6641	Evolution of Television	3	6603	Media Laws and Ethics -I	3
6642	Process and Effects of Communication	3	6646	TV Programme Production	3
			6647	TV Studio and Floor Management	3
6643	TV Camera Operation	3			

6644	TV Script Writing	3	6648	Television Lighting System	3
6645	Television and Society	3	6658	Theories of Communication	3
<b>3<sup>rd</sup> Semester</b>			<b>4<sup>th</sup> Semester</b>		
6649	TV News Production & Presentation	3	5629	Research Methods in Mass Media	3
6650	TV Documentary	3	6654	Post Production Process	3
6651	TV and Globalization	3	6655	TV Sound System	3
6652	TV Set Designing	3	6656	Research Project/Thesis	3
6653	Television Program Analysis (Seminar)	3	6657	Internship	3

## 5.14 MSc Sociology

<b>Spring, 2017 Fresh Admission</b>			<b>Autumn, 2017 2<sup>nd</sup> Semester</b>		
<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>	<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>
4681	Introduction to Sociology: Culture and Society	3	4686	Introduction to Sociology: Social Change and Social Institutions	3
4682	Sociological Theory-I	3			
4683	Methods of Social Research: Research Process	3	4687	Sociological Theory-II	3
4684	Population Studies	3	4688	Methods of Social Research: Tools of Data Collection	3
4685	Sociology of Gender Issues Theoretical Background	3	4689	Social Statistics	3
			4690	Sociology of Gender Issues: Gender Dynamics	3
<b>3<sup>rd</sup> Semester</b>			<b>4<sup>th</sup> Semester</b>		
4691	Sociology of Deviance: Theoretical Explanation	3	4696	Introduction to Social Work: Methods in Social Work	3
4692	Deviance, Social Control and Issues of Delinquency	3			
4693	Sociology of Development: Meaning and Explanation	3	4697	Fields of Social Work	3
4694	Issues in Development	3	5639	Social Psychology-I	3
4695	Sociology of Child Rights & Child Development	3	5640	Social Psychology-II	3
4698	Population Dynamics	3	5561	<b>OR</b> Thesis	12

## 5.15 MSc Pakistan Studies

Spring, 2017 2 <sup>nd</sup> Semester			Autumn, 2017 Fresh Admission		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
4659	Economic Development in Pakistan-I	3	4655	Geography of Pakistan-I	3
			4656	Geography of Pakistan-II	3
4660	Economic Development in Pakistan-II	3	4657	Pakistani Languages & Literature-I	3
4661	Foreign Policy of Pak-I	3	4658	Pakistani Languages & Literature-II	3
4662	Foreign Policy of Pak-II	3			
537	Ideological Foundations of Pakistan	3	538	Genesis of Pakistan Movement	3
4 <sup>th</sup> Semester			3 <sup>rd</sup> Semester		
4667	Political & Constitutional Development in Pakistan-I	3	4663	Pakistani Society & Culture-I	3
4668	Political & Constitutional Development in Pakistan-II	3	4664	Pakistani Society & Culture-II	3
4669	Social Theory-I	3	4665	Research Methods-I	3
4670	Social Theory-II	3	4666	Research Methods-II	3
545	Political Parties & Pressure Groups in Pakistan	3	541	Social Change	3

## 5.16 Postgraduate Diploma in Gender and Women Studies

Spring, 2017 2 <sup>nd</sup> Semester			Autumn, 2017 Fresh Admission		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
4645	Research Methods in Gender Studies	3	4641	Psychology of Gender	3
			4642	Lifespan Development of Women: Psychosocial Context	3
4646	Applied Statistics in Gender Studies	3	4643	Pakistani Khawateen Ka Sheiri Adab main Kirdar	3
4647	Feminist Debates on Gender Inequalities	3	4644	Pakistani Khawateen Ka Nasri Adab main Kirdar	3
4648	Feminism in Islam	3			
4682	Sociological Theory-I	3			
4685	Sociology of Gender Issues: Theoretical Background	3			

## 5.17 MSc Gender and Women Studies

Spring, 2017 2 <sup>nd</sup> Semester			Autumn, 2017 Fresh Admission		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
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	<b>3<sup>rd</sup> Semester</b>		
4685	Sociology of Gender Issues: Theoretical Background	3	876	Changing Role of Urban Women	3
<b>4<sup>th</sup> Semester</b>			4651	Gender & Development	3
874	Women & Media	3	4652	Women & Development	3
877	Women & Health	3	4653	Perspectives of Gender Studies	3
878	Gender & Environment	3	4654	Pakistani Perspectives of Gender Studies	3
880	Perspectives of Women Rights In Islam	3	4687	Sociological Theory-II	3
900	OR Thesis	12			

## 6. MPhil/MS Programmes

### 6.1 MPhil Iqbal Studies

Spring, 2017 2 <sup>nd</sup> Semester			Autumn, 2017 Fresh Admission		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
5755	The Basic Thoughts & Ideas of Allama Iqbal-I	3	5751	Iqbal's Intellectual & Artistic Development-I	3
5756	The Basic Thoughts & Ideas of Allama Iqbal-II	3	5752	Iqbal's Intellectual & Artistic Development-II	3
5757	Study of Selected Text of Allama Iqbal's Prose & Poetry-I	3	5753	Methods of Research-I	3
			5754	Methods of Research-II	3
			<b>3<sup>rd</sup> Semester</b>		
5758	Study of Selected Text of	3	5759	Research Thesis	12

	Allama Iqbal's Prose & Poetry-II	
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## 6.2 MPhil Urdu

Spring, 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
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
			5777	Methods of Research-I	3
5773	Literary Movements & Critical Theories-I	3	5778	Methods of Research-II	3
			<b>4<sup>th</sup> Semester</b>		
5774	Literary Movements & Critical Theories-II	3	5779/ 726	Thesis Writing	6
<b>3<sup>rd</sup> Semester</b>					
5779/ 726	Thesis Writing	6			

## 6.3 MPhil Mass Communications

Spring, 2017 2 <sup>nd</sup> Semester			Autumn, 2017 Fresh Admission		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
5763	Media Effects: Advances in Theory and Research-I	3	5761	Mass Media and Society-I	3
			5762	Mass Media and Society-II	3
5764	Media Effects: Advances in Theory and Research-II	3	6630	Evolution of Mass Communication Research	3
6634	Foundations of Behavioral Research-II	3	6632	Foundations of Behavioral Research-I	3
6635	Theories of Influence on Mass Media Content	3	<b>3<sup>rd</sup> Semester</b>		
			6636	Thesis	6
<b>4<sup>th</sup> Semester</b>			<b>4<sup>th</sup> Semester</b>		
6636	Thesis	6	<b>For Continuing Students only (Special Offering)</b>		
<b>3<sup>rd</sup> Semester For Continuing Students only (Special Offering)</b>			6636	Thesis	6
6636	Thesis	6			



## 6.4 MPhil History

Spring, 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
2731	British India (1857-1947)-I	3	2735	History of Modern World Since 1945-I	3
2732	British India (1857-1947)-II	3			
2733	Historiography	3	2736	History of Modern World Since 1945-II	3
2734	Research Methodology	3			
3 <sup>rd</sup> Semester			2737	History of Pakistan (1947-88)-I	3
2739	Synopsis Workshop (Compulsory) Research Report	12	2738	History of Pakistan (1947-88)-II	3
			4 <sup>th</sup> Semester		

## 6.5 MPhil Economics

Spring, 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
2700	Advanced Microeconomics	3	2702	Research Methods	3
2701	Advanced Macroeconomics	3	2703	Applied Econometrics	3
2704	Development Economics	3	2706	Environmental Economics	3
2705	International Trade Theory & Policy	3	2708	Monetary Economics	3
			4 <sup>th</sup> Semester		
3 <sup>rd</sup> Semester			2710	Thesis (For Continuing Students)	12
2710	Thesis	12			

## 6.6 MPhil Pakistani Languages and Literature

Spring, 2017 Fresh Admission			Autumn, 2017 2 <sup>nd</sup> Semester		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
2721	Comparative Study of Pakistani Languages, Literature:	3	2725	Sindhi, Saraiki, Kashmiri: Language & Literature	3
			2726	Languages and Literature of Northern Areas	3
2722	Balochi, Brahavi: Language & Literature	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	<b>3<sup>rd</sup> Semester</b>		
			2728	Thesis	6
<b>4<sup>th</sup> Semester</b>					
2728	Thesis	6			

## 6.7 MPhil Pakistan Studies

<b>Spring, 2017 Fresh Admission</b>			<b>Autumn, 2017 2<sup>nd</sup> Semester</b>		
<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>	<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>
7601	Research Methods in Social Sciences	3	7605	Social Transformation in Pakistan	3
7602	Civil Military Relations in Pakistan	3	7606	Political Economy of Pakistan	3
7603	Federalism, Identity and State-Building in Pakistan	3	7607	Electoral Politics, Governance and Sustainable Development in Pakistan	3
7604	Historiography of Pakistan	3	7608	Seminar on Literature and Politics	3
<b>3<sup>rd</sup> Semester</b>			<b>4<sup>th</sup> Semester</b>		
7610	Research Project/Thesis	12	7610	Research Project/Thesis	12

## 6.8 MS Management Sciences

<b>Spring, 2017 Fresh Admission</b>			<b>Autumn, 2017 2<sup>nd</sup> Semester</b>		
<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>	<b>Code</b>	<b>Course Title</b>	<b>Cr.Hours</b>
8701	Advanced Research Methods	3	<b>Specialization: Human Resource Management</b>		
8702	International Business and Finance	3	8709	Strategic Human Resource Development	3
8703	Strategic Marketing	3	8710	Organization Theory & Design	3
8704	Strategic Human Resource Management	3	8711	International Human Resource Management	3
<b>3<sup>rd</sup> Semester</b>			8712	Human Resource Change Management	3
8720	Thesis	12	<b>Specialization: Banking &amp; Finance</b>		
			8714	Credit Management	3
			8715	Investment & Securities Management	3

8716	Risk Management & Insurance	3
8718	Islamic Banking	3

### 6.9 MBA Rural Management (Duration 3 ½ Years)

Spring, 2017 2 <sup>nd</sup> Semester			Autumn, 2017 Fresh Admission		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
9516	Managerial Accounting	3	9511	Financial Accounting	3
9517	Production & Operations Management	3	9512	Human Resource Management	3
9518	Business Research	3	9513	Management Information System	3
9519	Marketing Management	3			
9520	Business Mathematics and Statistics	3	9514	Business Communication	3
			9515	Management Theory & Practice	3
4 <sup>th</sup> Semester			3 <sup>rd</sup> Semester		
9525	Torsion Planning & Development	3	9521	Financial Management	3
1790	Sustainable Rural Development	3(3+0)	9522	Business and Labour Laws	3
1791	Regenerating Agriculture	3(3+0)	9523	Consumer Behavior	3
1792	Rural Poverty Alleviation	3(3+0)	9524	Organizational Behavior	3
2500	Principles of Rural Sociology-I	3	1797	Managing Projects in Rural Development	3(3+0)
6 <sup>th</sup> Semester			5 <sup>th</sup> Semester		
775	Livestock Management Practices	3	9526	Advanced Research Methods	3
			9527	Strategic Marketing	3
9530	Leadership and Team Management	3	9528	Strategic Human Resource Management	3
9531	Rural Entrepreneurship	3	9529	Business Policy & Strategy	3
9532	SMEs and Agri Finance	3			
9533	Issues in Pakistan Economy	3	1796	National Resource Management	3(3+0)
			7 <sup>th</sup> Semester		
			9534	Research Project	6

### 6.10 Master of Business Administration

(Duration 3 ½ Years)

Spring, 2017 2 <sup>nd</sup> Semester			Autumn, 2017 Fresh Admission		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
8508	Managerial Accounting	3	8501	Financial Accounting	3

8509	Production & Operations Management	3	8502	Human Resource Management	3
8510	Business Research	3	8506	Management Theory & Practice	3
8511	Marketing Management	3	8507	Management Information Systems	3
8532	Business Mathematics & Statistics	3	8570	Business Communication	3
<b>4<sup>th</sup> Semester</b>			<b>3<sup>rd</sup> Semester</b>		
<b><i>Specialization: Human Resource Management</i></b>			8513	Financial Management	3
8518	Human Resource Development	3	8514	Business and Labor Laws	3
8519	Training and Development	3	8515	Consumer Behavior	3
8520	Compensation Management	3	8516	Project Management	3
8521	Leadership and Team Management	3	8517	Organizational Behavior	3
			<b>5<sup>th</sup> Semester</b>		
8522	Managerial Economics	3	8505	Business Policy and Strategy	3
<b><i>Specialization: Banking &amp; Finance</i></b>			8535	Advanced Research Methods	3
8522	Managerial Economics	3	8536	International Business and Finance	3
8523	Commercial and Investment Banking	3	8537	Strategic Marketing	3
8524	Corporate Finance	3	8538	Strategic Human Resource Management	3
8525	Financial Markets and Institutions	3	<b>7<sup>th</sup> Semester</b>		
8551	Analysis of Financial Statements	3	8565	Research Project	6
<b><i>Specialization: Marketing</i></b>					
8522	Managerial Economics	3			
8527	International Marketing	3			
8528	Marketing of Services	3			
8529	E-Marketing	3			
8530	Distribution Channels	3			
<b><i>Specialization: Information Technology</i></b>					
3414	Software Engineering-I	4(4+0)			
3439	Operating System	4(3+1)			
3446	Web Design Tools	4(3+1)			
3471	Introduction to E-Business	4(3+1)			
8522	Managerial Economics	3			
<b>6<sup>th</sup> Semester</b>					
<b><i>Specialization: Human Resource Management</i></b>					
8539	Strategic Human Resource Development	3			
8540	Organization Theory & Design	3			
8541	International Human Resource Management	3			
8542	Human Resource Change Management	3			
8503	Entrepreneurship	3			

<i>Specialization: Banking &amp; Finance</i>		
8544	Credit Management	3

8545	Investment and Securities Management	3
8552	Islamic Banking	3
8546	Risk Management and Insurance	3
8503	Entrepreneurship	3
<b>Specialization: Marketing</b>		
8534	Small Business Marketing	3
8548	Strategic Brand Management	3
8549	Retail Management	3
8550	Managing Non Profit Organizations	3
8503	Entrepreneurship	3
<b>Specialization: Information Technology</b>		
3442	IT Marketing Concepts	3(3+0)
3465	Software Engineering II	3(3+0)
3472	IT Services Management	3(3+0)
3473	Computer Law	3(3+0)
8503	Entrepreneurship	3
<b>7<sup>th</sup> Semester</b>		
8565	Research Project	6

## 6.11 Master of Business Administration

(Duration 2 ½ Years)

Spring, 2017 2 <sup>nd</sup> Semester			Autumn, 2017 Fresh Admission		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
<b>Specialization: Human Resource Management</b>			8501	Financial Accounting	3
			8502	Human Resource Management	3
8513	Financial Management	3	8506	Management Theory & Practice	3
8518	Human Resource Development	3	8511	Marketing Management	3
8519	Training and Development	3	8532	Business Mathematics & Statistics	3
8520	Compensation Management	3	<b>3<sup>rd</sup> Semester</b>		
8521	Leadership and Team Management	3	8507	Management Information Systems	3
8522	Managerial Economics	3	8535	Advanced Research Methods	3
<b>Specialization: Banking &amp; Finance</b>			8536	International Business and Finance	3
8513	Financial Management	3	8537	Strategic Marketing	3
8522	Managerial Economics	3			
8523	Commercial and Investment Banking	3			

8524	Corporate Finance	3	8538	Strategic Human Resource Management	3
8525	Financial Markets and Institutions	3	<b>5<sup>th</sup> Semester</b>		
8551	Analysis of Financial Statements	3	8565	Research Project	3
<b><i>Specialization: Marketing</i></b>					
8513	Financial Management	3			
8522	Managerial Economics	3			
8527	International Marketing	3			
8528	Marketing of Services	3			
8529	E-Marketing	3			
8530	Distribution Channels	3			
<b><i>Specialization: Information Technology</i></b>					
3414	Software Engineering-I	4(4+0)			
3439	Operating System	4(3+1)			
3446	Web Design Tools	4(3+1)			
3471	Introduction to E-Business	4(3+1)			
8513	Financial Management	3			
<b>4<sup>th</sup> Semester</b>					
<b><i>Specialization: Human Resource Management</i></b>					
8539	Strategic Human Resource Development	3			
8540	Organization Theory and Design	3			
8541	International Human Resource Management	3			
8542	Human Resource Change Management	3			
<b><i>Specialization: Banking &amp; Finance</i></b>					
8544	Credit Management	3			
8545	Investment and Securities Management	3			
8546	Risk Management and Insurance	3			
8552	Islamic Banking	3			
<b><i>Specialization: Marketing</i></b>					
8534	Small Business Marketing	3			
8548	Strategic Brand Management	3			
8549	Retail Management	3			
8550	Managing Non Profit Organizations	3			
<b><i>Specialization: Information Technology</i></b>					
3442	IT Marketing Concepts	3(3+0)			
3465	Software Engineering-II	3(3+0)			
3472	IT Services Management	3(3+0)			
3473	Computer Law	3(3+0)			

## 7. PhD Programmes (MPhil Based)

### 7.1 PhD Iqbal Studies

Spring, 2017 2 <sup>nd</sup> Semester			Autumn, 2017 Fresh Admission		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
6704	Religious Thoughts of Iqbal	3	6701	Iqbal's Urdu Poetry (Zarb-e-Kaleem, Armgan-e-Hijaz-I	3
6705	Lectures of Iqbal	3			
6706	Research & Texts Editing with Reference to Iqbal	3	6702	Selected Persian Text of Iqbal	3
			6703	Political Thoughts of Iqbal	3
<b>3<sup>rd</sup> Semester</b>					
			700	Thesis	–

### 7.2 PhD Pakistani Languages and Literature

Spring, 2017 2 <sup>nd</sup> Semester			Autumn, 2017 Fresh Admission		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
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			
<b>4<sup>th</sup> Semester</b>					
6717	Thesis		6713	Pakistani Languages: Common Literary & Linguistics Heritage-II	3
<b>3<sup>rd</sup> Semester</b>					
			6717	Thesis	–

### 7.3 PhD Urdu

Spring, 2017 2 <sup>nd</sup> Semester			Autumn, 2017 Fresh Admission		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
6734	Applied Research	3	6731	Comparative Study of Classic Literature	3
6735	Manuscript's Study & Editing	3			
6736	Style and Stylistics	3	6732	Linguistics	3
			6733	Applied Criticism	3
<b>4<sup>th</sup> Semester</b>			<b>3<sup>rd</sup> Semester</b>		
6738/720	Research Thesis	–	6737	Workshop Comprehensive Exams	–

## 7.4 PhD Mass Communication

Spring, 2017 2 <sup>nd</sup> Semester			Autumn, 2017 Fresh Admission		
Code	Course Title	Cr.Hours	Code	Course Title	Cr.Hours
6764	Content Analysis Research in Mass Communication	3	6761	International Communication and Globalization	3
6765	Approaches to Mass Communication: Media Effects Theories and Studies-I	3	6762	Media Debate	3
			6763	Political Communication	3
			<b>3<sup>rd</sup> Semester</b>		
6767	Thesis	24			
6766	Approaches to Mass Communication: Media Effects Theories and Studies-II	3			
<b>4<sup>th</sup> Semester</b>					
6767	Thesis	24			

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# **Bureau for University Extension & Special Programmes/ Projects**

**Faculty Coordinator:**

**Mrs. Falak Amjad**



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

Sr. No.	Programme	Spring Semester	Autumn Semester	Required Credit/ Cr. Hrs	Programme's Minimum Duration
<b>1.</b>	<b>Short Term Educational Programmes (STEPS)</b>				
a.	Management Sciences	Throughout the year	Throughout the year	Non Credit	03 Months
b.	Social Sciences	Throughout the year	Throughout the year	Non Credit	03 Months
c.	Community Education	Throughout the year	Throughout the year	Non Credit	03 Months
d.	Hotel Services	Throughout the year	Throughout the year	Non Credit	03 Months
e.	Agricultural Sciences	Throughout the year	Throughout the year	Non Credit	03 Months
<b>2.</b>	<b>Middle Education Programme</b>				
a.	Middle Education Programme Offered Kharian and Nankana Sahib	Throughout the year	Throughout the year	Half/Full	02 Years 07 Semesters

## 1. Short Term Educational Programmes (STEPS)

### Admission Open throughout the Year

#### A. Management Sciences

Code	Course Title
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 Relations

1119	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
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

### **D. Hotel Services**

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

### **E. Agricultural Sciences**

1115	Fish Farming
1116	Seri Culture
1117	Bee Keeping
1118	Tree Plantation
1158	Vegetable Growing

## 2. Middle Education Programme

### A. Middle Education Programme Offered Kharian and Nankana Sabib

Code	Course Title	Credit	Level
2100	Social Studies	Half	VI
2101	Islamiat	Full	VI
2102	English	Half	VI
2103	Urdu	Half	VI
2104	Mathematics	Full	VI
2105	Life Sciences	Half	VI
2111	Social Studies	Half	VII
2112	Islamiat	Half	VII
2113	English	Half	VII
2114	Urdu	Half	VII
2115	Mathematics	Half	VII
2116	Life Sciences	Half	VII
2117	Social Studies	Half	VIII
2118	Islamiat	Half	VIII
2119	English	Half	VIII
2120	Urdu	Full	VIII
2121	Mathematics	Half	VIII
2122	Life Sciences	Half	VIII
2110	Skill Course	Half	VIII
2123	Skill Course	Half	VIII

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