



# Balochistan Agriculture College, Quetta.



**Prospectus 2015-16**

2

# Introduction

# Introduction

Balochistan Agriculture College, Quetta, was established in October, 1986 after realizing the immense need for professionals in the field of agriculture. Since inception, it has produced more than 1000 graduates in the various disciplines of Agriculture. The annual intake in the college has been kept at a base minimal level of 200 students to ensure quality of education and research on high grounds. The infrastructure of the college is well-established and enforced with well-equipped laboratories, up-to-date library and well-trained, qualified academic staff.

As part of our commitment to a sustainable agricultural future of Balochistan province, students of Balochistan Agriculture College have access to modern research centers and academic facilities. The college has collaboration with the Agriculture Research Institute and Arid Zone Agriculture Research Institute, Quetta, for field research on deciduous fruits and field crops. Through this exercise, students learn practical aspects of the agricultural education and modern research methodologies.

Balochistan Agriculture College, Quetta, is administratively controlled by the Secretary, Government of Balochistan, Agriculture & Co-operatives Department and affiliated with the University of Balochistan for the award of degrees of B. Sc. (Hons.) Agriculture & M. Sc. (Hons.) Agriculture.





5

FACULTY

# Department of Entomology



**Arshad Ghani**  
**Head of Department**  
**MS (USA)**



**Dr. Arif Shah Kakar**  
**Associate Professor**  
**Ph.D Entomology**



**Mohammad Amin**  
**Assistant Professor**  
**M.Sc(Hons.)**  
**On study leave**



**Muhammad Yousaf**  
**Lecturer**  
**B.Sc(Hons.)**



**Zafarullah**  
**Lecturer**  
**B.Sc(Hons.)**



**Azhar Shafiq**  
**Lecturer**  
**B.Sc(Hons.)**



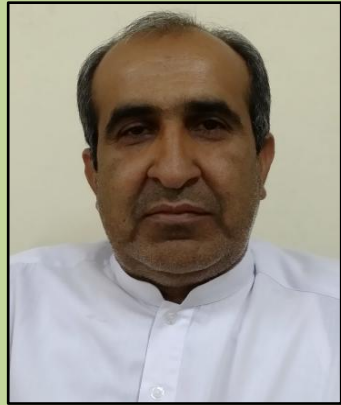
**Salman Aziz**  
**Lecturer**  
**B.Sc(Hons.)**



# Department of Plant Pathology



**Ahmed Khan**  
**Head of the Department**  
**Assistant Professor**  
**M.Sc (Hons.)**



**Lufullah Khoso**  
**Associate Professor**  
**B.Sc(Hons.)**



**Syed Zulfiqar Ali**  
**Lecturer**  
**M.Sc(Hons.)**



**Zobia Jabeen**  
**Lecturer**  
**M.Sc(Hons.)**  
**On study leave**



**Muhammad Waris**  
**Lecturer**  
**M.Sc(Hons.)**  
**On deputation**

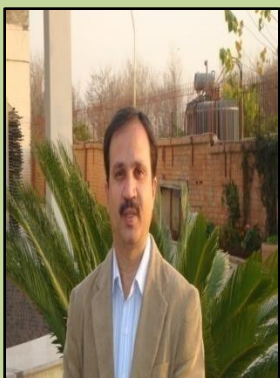


**Tahira Nisa**  
**Lecturer**  
**M.Sc(Hons.)**

# Department of Agronomy



**Muhammad Raza Siddiqi**  
**Head of Department**  
**M.Sc.(Hons.)**



**Sohail Qadir**  
**Associate Professor**  
**M.Sc. (Hons.)**



**Dr. Noorullah**  
**Assistant Professor**  
**Ph.D**



**Nanak Khan**  
**Assistant Professor**  
**M.Sc.(Hons.)**



**Muhammad Nauman**  
**Lecturer**  
**B.Sc.(Hons.)**



**Siraj Ahmed**  
**Lecturer**  
**B.Sc.(Hons.)**



**Saeed Ahmed**  
**Lecturer**  
**B.Sc.(Hons.)**



# Department of Soil Science



**Zubair Rehman**  
**Assistant Professor**  
**Head of Department**  
**M.Sc (Hons.)**



**Dr. Muhammad Sharif**  
**Assistant Professor**  
**Ph.D Soil Science**



**Zia ul Haq**  
**Lecturer**  
**M.Sc.(Hons.)**



**Shafiq ur Rehman**  
**Lecturer**  
**B.Sc(Hons.)**

# Department of Horticulture



**Muhammad Afzal Kasi**  
**Head of Department**  
**M.Sc (Hons.)**



**Sardar Waseem Baran**  
**Associate Professor**  
**M.Sc(Hons.)**  
**On study leave**



**Muhammad Suleman Jaffar**  
**Associate Professor**  
**M.Sc(Hons.)**



**Khalil Ahmed**  
**Assistant Professor**  
**M.Sc(Hons.)**



**Kaleemullah**  
**Lecturer**  
**M.Sc(Hons.)**



**Nadir Ali**  
**Lecturer**  
**B.Sc(Hons.)**

# Department of Plant Breeding & Genetics



**Attaullah Iashari**  
**Lecturer**  
**Incharge Head of Department**  
**M.Sc(Hons.)**



**Ghulam Rasool Lashari**  
**Assistant Professor**  
**M.Sc (Hons.)**  
**On study leave**



**Naqeebullah**  
**Lecturer**  
**M.Sc(Hons.)**  
**On study leave**



**Baseer Shah**  
**Lecturer**  
**M.Sc(Hons.)**



**Zahida Nawaz**  
**Lecturer**  
**M.Sc(Hons.)**



**Saadullah**  
**Visiting Lecturer**  
**M.Phil.**



**Sobia Zaheer**  
**Lecturer**  
**M.Sc(Hons.)**

# Department of Food Technology



**Muhammad Saleem**  
**Lecturer**  
**Incharge Head of Department**  
**B.Sc(Hons.)**



**Shabir Ahmed**  
**Lecturer**  
**B.Sc(Hons.)**



**Babar Khan**  
**Lecturer**  
**B.Sc(Hons.)**



**Akram Khan**  
**Lecturer**  
**B.Sc(Hons.)**



# Department of Agriculture Extension



**Amjad Ali**  
**Professor**  
**Head of Department**  
**MS Agriculture Extension (USA)**



**Naseer Ahmed**  
**Associate Professor**  
**M.Sc(Hons.)**



**Ghulam Yaseen**  
**Assistant Professor**  
**M.Sc(Hons.)**



**Shahinshah**  
**Lecturer**  
**B.Sc(Hons.)**  
**On study leave**



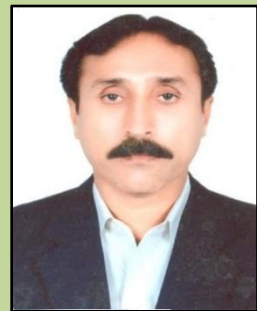
**Jaffar Ali**  
**Lecturer**  
**M.Sc(Hons.)**  
**On study leave**



**Rehmatullah**  
**Lecturer**  
**M.Sc(Hons.)**  
**On study leave**



**Inayat ullah**  
**Lecturer**  
**M.Sc(Hons.)**



**Hoti Khan**  
**Lecturer**  
**M.Sc(Hons.)**

# Department of Agriculture Economics



**Atta Muhammad Babar**  
Lecturer / Head of the Department  
M.Sc(Hons.) Agricultural Economics  
& M.Sc. Economics



**Qazi Ikhtaliq Ahmed**  
Lecturer  
B.Sc(Hons.)



**Mansoor Rasheed**  
Lecturer  
M.Sc(Hons.)

## Department of FRW



**Raheel Babar**  
Associate Professor (on deputation)



**Ahmed Jan**  
Lecturer (MSc.) Forestry

# Department of Statistics



**Qamar Raza**  
**Professor / Head of the Department**  
**M.Sc.**



**Mir Ahmed**  
**Associate Professor**  
**M.Sc.**



**Saqibullah Kakar**  
**Lecturer**  
**M.Sc.**

## Departments of English, Pakistan Studies & Islamiat



**Jaffar Shah**  
**Lecturer (M.A English)**



**Fareed Ahmed**  
**Lecturer (M.A Pakistan Study)**



**Iqbal Shah**  
**Lecturer (M.A Islamiat)**

# Department of Mathematics



**Muhammad Aslam Niazi**  
**Professor / Head of Department**  
**M.Phil**



**Nasrullah Khan**  
**Lecturer**  
**M.Sc.**

## Departments of Botany and Biochemistry



**Ajmal Khan Mandokhail**  
**Lecturer (M.Sc. (Botany))**



**Ajab Khan**  
**Lecturer (M.Phil (Biochemistry))**



# Department of Physics & Computer Science



**Sikander Shahzad**  
**Lecturer / Head of Department Computer**  
**Science**  
**MS Computer Science**



**Ahmed Shah**  
**Associate Professor**  
**M.Sc. (Physics)**



**Syed Gul Shah**  
**Assistant Professor**  
**MSc. (Physics)**



19

# Admission Policy

There will be a pre-entry test for admission in Balochistan Agriculture College, Quetta. This will be compulsory for all categories of seats which will be conducted through NTS.

1. The total number of slots for admission to 1<sup>st</sup> semester of B.Sc. (Hons.) Agriculture degree program for the academic year 2015-16 in Balochistan Agriculture College, Quetta, shall be 200. The break up of 200 shall be as under:

<b>a.</b>	<b>District Merit Slots</b>	<b>152</b>
b.	Provincial Merit Slots of Balochistan	14
<b>c.</b>	<b>Specified Seats</b>	
i	Province of Punjab	03
li	Province of KPK/Fata	03
lii	Province of Sindh	03
lv	Azad Jamu Kashmir	03
v	Girls Student of Balochistan Province	08
vi	Children of Employee of Agriculture Department	03
vii	Children of Employee of Agriculture College	03
viii	Employees of Agriculture Department (Field Assistant) Diploma in Agriculture with equivalent certificate of F.Sc. From BISE (one from each Division on merit basis)	06
ix	Children of Minority Community	01
x	Disable persons (students) of Balochistan	01
<b>Total</b>		<b>200</b>



# Admission Policy

2. The District Merit seats of Balochistan Agriculture College Quetta are distributed among 32 Districts / Agencies of Balochistan on Population basis. The allocation of seats to various Districts/Agencies is as under:

District Name	Total Seats	District Name	Total Seats	District Name	Total Seats
Quetta	20	Musakhel	03	Jaffarabad	06
Pishin	09	Sibi	04	Sobat Pur	04
Killa Abdullah	10	Ziarat	02	Jhalmagsi	03
Chaghi	02	Kohlu	02	Panjgur	05
Noshki	02	Dera bugti	05	Naseerabad	06
Loralai	06	Kalat	05	Bolan	06
Zhob	04	Khuzdar	08	Harnai	02
Sherani	02	Lasbella	06	Awaran	02
Killa Saifullah	04	Washak	02	Mastung	03
Kharan	03	Kech	08		
Barkhan	03	Gwadar	05		

22

# Eligibility of Candidates

# Eligibility of Candidates

1. The candidates seeking admission to Balochistan Agriculture College, shall have to produce before the Selection Committee, a Local/Domicile certificate issued by the Deputy Commissioner Cum-District Magistrate/District Administrative Officer of the respective District under the Pakistan Citizenship Act 1951 (Act II of 1951) and the rules made there under.
2. The minimum qualification for a candidate for admission to 1st Semester B.Sc. (Hons.) Agriculture class is the Intermediate Science (Pre-Medical/Engg.) group at least 50% marks from the Board of Intermediate and Secondary Education, Balochistan, Quetta. The candidate must have passed his/her Matriculation examination with science subjects.
3. At the time of admission, the age of the candidate should not be over 25. However, those, employed in Balochistan Agriculture Department should not exceed 32 years of age. The candidate should provide medical fitness certificate from a Government approved Medical Officer at the time of admission.

# Eligibility of Candidates

4. A candidate found in possession of two or more Local/Domicile certificates issued by the District Magistrate of different Districts at the time of submission of application for admission, shall not be considered against either of the district quotas.
5. No candidate, even if selected by the Selection Committee, shall be admitted to Balochistan Agriculture College, Quetta, after 10 days from the date of announcement of final results of the Selection Committee through the Local/National Newspapers, Television and by displaying the same on the Notice Board of the College. Besides, the Principal, Balochistan Agriculture College has the right to fill the vacant slots from the candidate standing on the waiting list of the respective districts in 2<sup>nd</sup> and 3<sup>rd</sup> list after that no admission will be entertained.
6. Employees of provincial Agriculture Department seeking admission to Balochistan Agriculture College shall be eligible only against the reserve quota of Government employees(Field Assistant) and produce an NOC issued by the Director General, Agriculture wings according to the Government of Balochistan standing instructions.





26

# Admission Procedure

# Admission Procedure

1. Applications for admission to first year (1<sup>st</sup> Semester) B.Sc. (Hons.) Agriculture class shall be invited by the Principal Balochistan Agriculture College, Quetta, through an advertisement in the Local / National Newspapers and or broadcast / telecast on the Television. The applications are required to be submitted on or before the date specified in the advertisement.

2. All applications must accompany copies of the following documents attested by an Officer of B-17 or above. All columns of the application form must be filled in correctly. Incomplete applications will be rejected:

- Intermediate science (Pre-Medical / Pre-Engineering) certificate.
- Intermediate science (Pre-Medical / Pre-Engineering) detailed marks certificate.
- Matriculation certificate (with science subjects).
- Matriculation detailed marks certificate.
- Local/Domicile certificate issued by the District Magistrate/District Administrative Officer of the respective district (\* Please see explanation below).
- National Identity Card of the candidate or his/her father in case he/she is below 18 years of age.
- Character certificate from the Principal of the Institution last attended.
- Four attested copies of latest passport size photographs.

# Admission Procedure

- An affidavit on the non-judicial paper duly attested by a first class Magistrate to the effect that the candidate will never take part in any political activity during the course in the College.

**\*EXPLANATION:** In case, the candidate is below the age of 21 years, he/she must produce the Local/Domicile certificate of his/her father/mother issued by the District Magistrate/District Administrative Officer of the concerned district under the citizenship Act of 1951. In case such a candidate is not in a position to produce such certificate due to the death of his/her parents than he/she may produce such a certificate of legal guardian mentioning the name of the candidate therein.

3. Applications received after the closing date will not be entertained and no excuse will be acceptable.

4. The selection of candidates for admission to 1st semester B.Sc. (Hons.). Agriculture shall be made by the Selection Committee appointed by the Government. The selection will be made strictly on merit basis in each category of slots from amongst the applicants according to the conditions laid down in the Prospectus.

5. Merit for Admission to B. Sc. (Hons.) Agric. 1st semester shall be determined on the basis of performance in the Metric, F. Sc. (Pre-Medical / Pre-Engineering) and the entry test.



# Admission Procedure

## 6. ENTRY TEST:

- (i) There will be an entry test for admission to B. Sc. (Hons.) Agric. 1st semester comprising of the following subjects:
- a. Physics
  - b. Chemistry
  - c. Biology (for Pre-Medical candidates / Mathematics (for Pre-Engineering candidates)
  - d. English
- (ii) The qualifying marks in entry test will be 20% and 40% of weightage will be taken in merit. Any candidate who fails to qualify the entry test will not be considered for admission. The weight-age for the preparation of final merit list will be as under:
- |   |     |
|---|-----|
| a. Metric or equivalent examination                     | 10% |
| b. Adjusted marks of F. Sc. (Pre-Medical) or equivalent | 50% |
| c. Entry test   | 40% |

# Admission Procedure

(iii) Examples of adjusted marks for preparation of final merit list as per weight-age given in section 6 (ii) above,

Examination	Weight age	Candidate 1		Candidate 2	
		% Marks Obtained	Adjusted Marks	% Marks Obtained	Adjusted Marks
Matriculation	10%	60%	6	50%	5
F.Sc	50%	60%	30	50%	25
Entry Test	40%	50%	20	50%	20
Adjusted Marks for final merit list			56		50

(iv) Pre-requisite for admission to 1<sup>st</sup> semester B. Sc. (Hons.) Agric. is F. Sc. (Pre-Medical / Pre-Engineering ) with at least 50% . However, in case the adjusted marks of the candidate with a lower mark exceed those of a candidate with higher marks, the merit will be determined on the basis of adjusted marks.

(v) Sample of the entry test is attached with this prospectus.

7. In case the adjusted marks of two or more candidates are equal, the candidate securing higher marks in the Matriculation with science examination shall be ranked above in merit for the purpose of admission. If the marks of Matriculation with science are also equal the candidate elder in age shall be ranked above in merit.



32

# Selection



# Selection

1. Admission will be made strictly on merit among the candidates possessing Local/Domicile certificates of the same district. In case of unavailability of a candidate from a specific district, the slot of that district shall be allotted to respective Zone or to open merit.
2. Merit slots are open to all candidates.
3. Children of the Employees of Agriculture Department will be required to produce employer's certificate of their parents. The admission will be on merit among their specified quota seats. .
4. An employee of the Department of Agriculture will only be allowed to avail two number of specified quota seats for his/her children.
5. There will be no admission on temporary basis.

# Selection Committee

1. The selection of candidates for admission to 1st semester B. Sc. (Hons.) Agriculture class in Balochistan Agriculture College, Quetta, in different categories shall be made by the Selection Committee consisting of the following members.

i	Secretary, Government of Balochistan , Agriculture & Cooperatives, Department	Chairman
ii	Secretary / Representative of Higher Education Department, Government of Balochistan	Member
iii	Representative of S&GAD Government of Balochistan only in the respect of specified seats # C (i-vi)	Member
iv	Principal, Balochistan Agriculture College, Quetta.	Member/ Secretary
v	Deputy Commissioner / Representative of Deputy Commissioner	Member
vi	Two faculty members nominated by the Principal BAC.	Members

# Selection Committee

2. The meeting of the Selection Committee shall be held in the premises of Balochistan Agriculture College, Quetta, for interviewing the candidates.
3. Physical presence of the candidate is compulsory at the time of interview.
4. The quorum of a meeting of the Selection Committee shall be 3. The meetings of the committee shall be presided over by the Chairman, and, in his absence, by a representative nominated by him /her.
5. Decision of the Selection Committee shall stand final.
6. No provisional admission shall be granted to any candidate in Balochistan Agriculture College, Quetta.
7. Government of Balochistan reserves the right of making any addition, deletion or amendment in the admission policy, prospectus, and application form at any time.





37

# College Uniform

# College Uniform

1. Uniform of the college is mandatory for every enrolled student.
2. Uniform of the college is:

## **For Male**

Pent	(Gray)
Shirt	(White)
Tie	(Green with college logo)
Coat	(Green)
Sweater	(Green)
Shoes	(Black)

## **For Female**

Shalwar Kameez	(white)
Dupata	(white with green border)
Shoes	(Black)

39

## Fees Structure & Scholarships

# Fees Structure

1. All the students must pay fees by the date as may be notified by the Principal.
2. If the fees are not paid in time, name of defaulter, already admitted, will be struck off from the college roll. Re-admission will only be allowed on payment of re-admission fee amounting to Rs.1000/- in addition to the usual College fees.
3. Fees once paid shall not be refundable except laboratory, library and hostel securities, which, if not claimed within one year after leaving the college, shall be credited to the College Welfare fund.
4. A student who is required to attend the academic year for the second time on account of failure in a professional examination would be required to pay the welfare and Sports fund only for that year.
5. There will be no remission of fees.
6. A student identity card will be issued on production of receipt of College fees prescribed for the 1st semester. If identity card is lost, it will be re-issued on payment of Rs. 200/-

# Fees Structure

Title	B.Sc.(Hons.) 1 <sup>st</sup> year			B.Sc.(Hons.) 2 <sup>nd</sup> year			B.Sc.(Hons.) 3 <sup>rd</sup> year			B.Sc.(Hons.) 4 <sup>th</sup> year		
	1 <sup>st</sup> Sem.	2 <sup>nd</sup> Sem.	Session	3 <sup>rd</sup> Sem.	4 <sup>th</sup> Sem.	Session	5 <sup>th</sup> Sem.	6 <sup>th</sup> Sem.	Session	7 <sup>th</sup> Sem.	8 <sup>th</sup> Sem.	Session
Admission fee	3000	-	-	-	-	-	-	-	-	-	-	-
University Registration Fee	1000	-	-	-	-	-	-	-	-	-	-	-
University Affiliation Fees	500	-	-	-	-	-	-	-	-	-	-	-
Tuition fee	500	500	500	500	500	500	500	500	500	500	500	500
Welfare fund	100	100	100	100	100	100	100	100	100	100	100	100
College Magazine	50	50	50	50	50	50	50	50	50	50	50	50
Sports fund	100	100	100	100	100	100	100	100	100	100	100	100
College ID Card	200	-	-	-	-	-	-	-	-	-	-	-
Library fee	300	300	300	300	300	300	300	300	300	300	300	300
Laboratory maintenance fee	300	300	300	300	300	300	300	300	300	300	300	300
Common Room maintenance fee	150	150	150	150	150	150	150	150	150	150	150	150
Field trips	1000	-	-	-	-	-	-	-	-	-	-	-
Stationery charges	200	200	200	200	200	200	200	200	200	200	200	200
Library & Laboratory security (Refundable)	2000	-	-	-	-	-	-	-	-	-	-	-
Examination fee	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
<b>Total (Non-boarder)</b>	<b>10,400</b>	<b>2700</b>	<b>2700</b>	<b>2700</b>	<b>2700</b>	<b>2700</b>	<b>2700</b>	<b>2700</b>	<b>2700</b>	<b>2700</b>	<b>2700</b>	<b>2700</b>
Hostel Security	1500	-	-	-	-	-	-	-	-	-	-	-
Hostel Fee	500	500	500	500	500	500	500	500	500	500	500	500
<b>Total Fee (Boarders)</b>	<b>12,400</b>	<b>3200</b>	<b>3200</b>	<b>3200</b>	<b>3200</b>	<b>3200</b>	<b>3200</b>	<b>3200</b>	<b>3200</b>	<b>3200</b>	<b>3200</b>	<b>3200</b>



# Scholarships

The selected candidates for B.Sc. (Hons.) Agriculture course shall be eligible to get scholarship and other financial assistance on the following basis:

i.	Basic academic expenditure Annually	2700/-
ii.	Scholarship from Govt. of Balochistan Monthly	1500/-
iii.	The banking Council also grants interest-free loans (Qarz-e-Hasna subject to the availability of funds) to students seeking financial help.	
iv.	Financial assistance from Zakat & Usher Department, Government of Balochistan for deserving candidates is also available.	

## Note:

- i. Only those students will be eligible for monthly scholarship who attain 50% monthly class attendance.
- ii. Employees of provincial Agriculture Department shall not be eligible for scholarship / financial assistance.

43

# College Session

# College Session

The duration of academic year and vacation shall be as follow:

Commencement of Spring Semester	<b>1<sup>st</sup> March to 31<sup>st</sup> July</b>
Commencement of Fall Semester	<b>1<sup>st</sup> August to 31<sup>st</sup> December</b>
Commencement of Session Semester	<b>1<sup>st</sup> January to 28<sup>th</sup> February</b> (for improving D grades and passing Fail subjects.)

## Degree Requirement

To be eligible for an under graduate degree program , a student must have completed 8 semester, 4 years course work.

## Class Attendance

Immediately after enrollment, the Registrar's office will provide a list of enrolled students to each Head of Department. If enrolled students fail to attend a course, the Principal has the right to drop the student from class roll. Attendance in class is mandatory and every student must attain a minimum 75% of attendance in each course to make his/her eligible to appear in Final Examination.

# Leave

1. Unsanctioned leave will be treated as absence from the College.
2. Sick leave will be granted on production of medical certificate.
3. In all cases, leave taken will be at student's own risk. So far as the percentage of attendance is concerned, even a medical certificate will not condone a deficiency in attendance.
4. Student must not leave station without permission of the Principal/Registrar of the College.
5. Name of a student absent without leave continuously for a period of only 2 weeks shall be struck off from the College rolls. Re-admission shall be at the discretion of Principal of the College on payment of re-admission fee of Rs. 1000/-(once an academic semester)
6. All the students are required to furnish their leave address to the Registrar's office.
7. A medical certificate must specify the nature of illness and the period of leave.



46

# Library



# Library

The college has well established library having more than 5000 books in the field of Agriculture and related sciences.

1. The library is open to the teaching staff and students of the college. It will remain open on all working days during the prescribed hours i.e. 9 am to 6 pm.
2. Students are not allowed to take books out of the library unless issued to their names.
3. Normally two books can be issued at a time to a student.
4. Books are issued to the students for two weeks only.
5. Books required in the library for stock checking etc, must be promptly returned in case receipt of a notice from the Librarian.
6. Silence and order must be observed in the Library.
7. Meals and refreshments must not be served in the Library.



49

# Statutes & Regulations

# Statues & Regulations

**Academic Program.** An “Academic Program” means a program of studies, which leads to the award of B.Sc.(Hons.) Degree to the students, after successful completion of all its requirements.

**Semester.** A “Semester” means an academic period, in which one set of courses in any discipline of Agriculture Sciences is taught. The normal duration of a semester will be 18 weeks including 16 weeks for teaching and 2 week for examinations. The academic year consists of two semesters.

a. **Winter Semester(Session).** The duration of winter semester will be eight weeks. It will be offered in winter vacations and is subject to the availability of necessary resources / faculty.

**Subject or Course.** A “Subject” or “Course” means a set of topics defined in the course outline of a subject related to an academic program, which is to be studied by a student for a fixed number of hours during a semester. Each subject will carry a specific discipline code and number.

**Credit Course.** A “Credit Course” means a course of study, successful completion of which shall be a requirement for the award of degree.

# Statues & Regulations

**Credit Hour (Cr Hr).** A lecture of one-hour duration (including 10 minutes break) per week per semester for a subject countable towards a student's Cumulative Grade Point Average will be considered as one credit hour. However, in case of seminars, tutorials and laboratory work, one credit hour may require two or three contact hours depending upon the nature of the subject.

**Grade.** A mark (letter grade) indicating the quality of student's academic performance in terms of scoring marks is called grade. The letter grades and their numerical equivalence are given below in Table 1:

Percentage of Marks*	Grade Point	Grade	Percentage of Marks*	Grade Point	Grade
85 and above	4.00	A+	61 – 64	2.30	C+
80 – 84	3.70	A	58 – 60	2.00	C
75 – 79	3.30	B+	55 – 57	1.70	C-
70 – 74	3.00	B	50 – 54	1.00	D
65 – 69	2.70	B-	0 – 49	0.00	F

**Note:** Fraction is to be rounded as a whole.



# Statues & Regulations

**Grade Point (GP).** “Grade Point” means numeric value indicating a student’s academic performance in a given course.

**Grade Point Average (GPA) of a semester.** “Grade Point Average (GPA)” of a semester, means the weighted average of GPs earned in all individual courses offered in a semester. GPA represents a student’s collective academic performance in a semester.

**Cumulative Grade Point Average (CGPA) of the Program.** “Cumulative Grade Point Average (CGPA)” means the weighted average of all the courses in all semesters of the Program.

**Controller of Examinations.** “Controller of Examinations” means the Controller of Balochistan Agriculture College, Quetta.

**Examiner.** “Examiner” means the teacher / person appointed in normal cases by the Principal of the College, who has been teaching the subject to the class during the academic semester for which the examination is being conducted. In case any conflict arises, the Principal would be the final Authority to appoint any person other than the teacher teaching the course as examiner.

# Statues & Regulations

## **FACULTY SEMESTER MONITORING BOARD (FSMB)**

1. The Faculty Semester Monitoring Board will comprise of the following.
  - (a) Vice Principal/Faculty member nominated by the Principal (Chairman)
  - (b) Head of divisions.
  - (c) Head of respective department.
  - (d) Three Senior Teachers from the Faculty nominated by Principal.
  - (e) Controller of Examination
2. The Faculty Semester Monitoring Board (FSMB) will perform the following functions:
  - Supervise and Monitor the implementation of Semester system in the Faculty and submit a report to Principal within 4 weeks of end of each semester.
  - Listen and decide the appeals against the decision of the Departmental Semester Committee. The decision of FSMB, after the approval of the Principal would be final and binding on the concerned parties.

# Statues & Regulations

## **DIVISIONAL/DEPARTMENTAL SEMESTER COMMITTEE (DSC)**

1. The Principal shall constitute a Departmental Semester Committee at each Departmental level. The committee shall comprise of the following.

- |  |                  |
|--|------------------|
| • Head of the Division                             | Chairman         |
| • Head of the respective department                | Member           |
| • Faculty Teachers preferably Senior of department | Two Members      |
| • Semester Coordinator                             | Member/Secretary |

2. The Divisional Semester Committee (DSC) will perform the following functions:

- Supervise and ensure the semester schedules, class attendance, readmission, semester break according to policies of University/College.
- Supervise and evaluate all examinations conducted in the Department except the Comprehensive examination which will be conducted by the UOB and will be externally evaluated.
- Approval of change of specialization.
- Co-ordinate with the Controller of Examination through Semester Coordinator.
- Resolution of any controversy taking place from time to time, about the results or any other matter related to an examination between a student and a teacher or a student and the respective Department. The matter shall be referred to the Divisional Semester Committee on an initiative of the teacher concerned or submission of application by the student.

# Statues & Regulations

The decision of the Divisional Semester Committee shall be final. However an appeal against the decision may be made to Faculty Semester Monitoring Board.

## **Role of Teacher in Conduct of Examination**

- The teacher concerned would set and evaluate the paper of the course(s) taught during a semester. He / she would be responsible for maintaining all sort secrecy needed.
- The teacher concerned shall hand over the scripts along with two award lists to the Semester Coordinator within one week of termination of an examination.
- He will ensure that a student shall have an access to go through his / her own scripts of mid semester examinations after the evaluation in the presence of teacher concerned. The student shall not be allowed to take scripts along with him/her.

## **Role of Semester Coordinator in Conduct of Examination**

1. The Semester Coordinator will be the in-charge of an examination unit within Department and will be appointed on the recommendation of Head of Department. The Semester Coordinator will perform the following functions.

- Prepare and display of complete semester schedule with the approval of the Departmental Semester Committee.

# Statues & Regulations

- Coordinate with Divisional Semester Committee/Controller/Registrar for the smooth conduct of examination.
- Maintain all the necessary records of examination as per standard procedures.
- Coordinate with the Controller of Examinations on the behalf of Divisional Semester Committee.
- Prepare and display the semester result of each semester with the approval of Divisional Semester Committee.
- The evaluated scripts, assignments, and quizzes etc. together with award lists shall be forwarded to the Controller of Examinations within fifteen days after the terminal examination of each semester.

## **TESTS AND EXAMINATIONS**

The following types of Tests/Exams will be conducted during a semester of studies for the purpose of grading.

### **Minor Tests (Quizzes).**

Five quizzes will be conducted frequently in each course at irregular intervals throughout the semester with /without intimation and three best shall be considered for awarding grade.



# Statues & Regulations

## **Major Test.**

- Mid-Semester Examination.** A 1-2 hours duration test will be conducted at the mid semester.
- Terminal Examination.** The terminal examination will be conducted at the end of the semester in each course having duration of three hours.

## **Assignments**

Two assignments spread over the entire course outline of a course will be given by the concerned teacher. The first assignment must be given before the mid-semester examination and second should be given before the terminal examination. These assignments shall be graded.

## **Laboratory Work**

This will be evaluated by the concerned teacher to ascertain that the student has achieved the desired competency of the said laboratory work.

# Statues & Regulations

## **Project**

Project is a theoretical / laboratory / both research work aimed at testing the ability of a student to translate the theoretical / experimental knowledge in the form of report/thesis. The project topic will be related to specialized field and will be assigned in second last semester. The report / thesis has to be submitted by the end of the final semester of the Program. The project / thesis will be presented to a committee, constituted by the Head of the Department.

## **Comprehensive Examination**

After the successful completion of all courses of the academic program, there shall be a written comprehensive examination to be qualified by each student, obtaining at least 50% compulsory marks. The comprehensive examination will be based on the core courses. The question paper will be set by the external examiner and he will also evaluate the scripts. The Controller of Examinations(UOB) will conduct the comprehensive examination of eligible candidates within twenty days. The evaluation of comprehensive examination would not be considered for Grading / GPA. The candidate failing in the comprehensive examination shall be given two more chances to qualify the examination with in three months from the date of declaration of result of the first comprehensive examination. A student who fails to qualify the comprehensive examination within the authorized period i.e. three chances, whether availed or not availed, would be awarded a Undergraduate Diploma and not a degree in that subject.

# Statues & Regulations

## The Distribution of Marks.

The distribution of marks in a course is given below in Table 2:

Nature of Examination	Practical	Theory
Quizzes	15%	5%
Mid Semester Exam*	30%	20 %
Assignments	15 %	10 %
Terminal Exam*	40%	40%

Certain courses consist of laboratory work (set of experiments) only. The laboratory reports of all requisite experiments will be separately evaluated by the concerned teacher, at regular intervals of time. The concerned teacher will compile the result of laboratory work and handover the same to Semester Coordinator after the end of each semester. The normal weightage of laboratory work, where desired, will not exceed twenty-five percent of the total marks of the academic program.

# Statues & Regulations

## **Project**

Project is a theoretical / laboratory / both research work aimed at testing the ability of a student to translate the theoretical / experimental knowledge in the form of report/thesis. The project topic will be related to specialized field and will be assigned in second last semester. The report / thesis has to be submitted by the end of the final semester of the Program. The project / thesis will be presented to a committee, constituted by the Head of the Department.

## **Comprehensive Examination**

After the successful completion of all courses of the academic program, there shall be a written comprehensive examination to be qualified by each student, obtaining at least 50% compulsory marks. The comprehensive examination will be based on the core courses. The question paper will be set by the external examiner and he will also evaluate the scripts. The Controller of Examinations(UOB) will conduct the comprehensive examination of eligible candidates within twenty days. The evaluation of comprehensive examination would not be considered for Grading / GPA. The candidate failing in the comprehensive examination shall be given two more chances to qualify the examination with in three months from the date of declaration of result of the first comprehensive examination. A student who fails to qualify the comprehensive examination within the authorized period i.e. three chances, whether availed or not availed, would be awarded a Undergraduate Diploma and not a degree in that subject.

# Statues & Regulations

## **ATTENDANCE, STRUCK OFF CASES AND READMISSION**

- Students shall have to be punctual and regular to attend all lectures / seminars, laboratory periods, and fieldwork as required for each course during the semester session. A student shall be eligible to appear in the terminal examination of a course provided that he has attended not less than 75% (cumulative) of lectures / seminars delivered in that course. He has to complete 75% attendance in the laboratory / field work for grading of laboratory / field work course.
- The name of a student will be struck off if his monthly attendance is less than 25% by the Principal on the recommendation of respective Head of Department
- The student will have to get himself / herself readmitted within four days (04) with fee Rs.500/- and within further three (03) days with fee Rs.1000/-. On failure of readmission his admission shall stand cancelled.
- There will be at the most three chances for readmission for a four years program. A student readmitted thrice during the session of study program shall not be allowed a further readmission and his / her admission shall stand cancelled.



# Statues & Regulations

- There will be at the most two chances for readmission for a two years program. A student readmitted twice during the session of study program shall not be allowed a further readmission and his / her admission shall stand cancelled.
- A student seeking readmission shall not be exempted from the payment of readmission fee.
- A student will not be allowed to sit for terminal examination of any semester unless he has no outstanding dues for the said semester. Accounts Branch of the University will issue a clearance certificate in this regard.

## **CONDUCT OF MID-SEMESTER AND TERMINAL EXAMINATIONS**

The Controller of Examination will announce the schedule of Mid-semester and Terminal Examinations.

### **Student's Responsibility**

- Students will report half an hour before the time fixed for the examination on the first day and ten minutes on subsequent days.
- No books, notes, documents, cellular phone and video camera etc are to be taken in the examination hall except those authorized by the examiner.
- Examinees are required to be seated according to the seating plan of the examination room.

# Statues & Regulations

## Unfair Means

- The students or examinee will not be in possession of any other books, notes, papers or reference material, mobile etc during the class test / mid-semester or terminal examination.
- Any student found using unfair means or assisting another student during a test / examination will be liable to disciplinary action.
- A student found guilty of such an act will be dealt by the 'College disciplinary Committee' in the light of policy in vogue.
- The use of unfair means hereby covers the following acts.
- An attempt to have access to the question paper before the test / examination.
- Use or possession of unauthorized material, i.e. books, notes, papers or reference material, mobile phone etc during test / examination.
- Any forms of communication by the examinees with any one in or outside the examination room while the test / examination is in progress.
- Any attempt to access or tamper with the official record/ examination papers etc.

# Statues & Regulations

## **ACADEMIC STANDARDS AND COMPUTATION OF GRADES**

- To earn course credits, a student must obtain a minimum of 1.00 grade points in that course.
- A student must obtain a minimum CGPA of 2.0 for award of a Degree in Grade C.
- A grade 'F' will be awarded to a student in a course for not achieving the desired competence i.e. less than fifty percent marks. The student will have to reappear in all assignments, quizzes, mid-term and terminal examinations when offered subsequently. No special classes will be conducted by the Department for such students.

## **CHANGE OF MAJOR**

- Within seven days from the commencement of a course, a student shall change the department after seeking the written permission of the respective head of department.

# Statues & Regulations

## **EVALUATION OF A COURSE**

### **Grade Point (GP)**

•According to the marks distribution table 1, the percentage marks will be converted into Grade Points using the table 3. A student securing less than fifty percent marks in a course will be treated as fail or 'F' grade.

### **Grade Point Average of a Semester (GPA)**

Semester Grade point Average (GPA) and Cumulative Grade Point Averages (CGPA) will be calculated using the following relationship.

$$GPA \text{ of a semester} = \frac{\text{sum of (GP in individual course} \times \text{Number of Credit Hours)}}{\text{Total number of credit hours in the semester}}$$

## **CGPA REQUIREMENT FOR DEGREE COMPLETION**

For graduation, the minimum qualifying CGPA for Bachelors is 2.00

### **Cumulative Grade Point Average (CGPA)**

The Cumulative Grade Point Average is calculated for all courses offered in a program using the above formula.

# Statues & Regulations

Percentage Marks	Grade Point	Percentage Marks	Grade Point	Percentage Marks	Grade Point
<b>Grade D (50 – 54% Marks)</b>					
50	1.00	51	1.10	52	1.20
53	1.30	54	1.40		
<b>Grade C- (55-57% Marks)</b>					
55	1.50	56	1.60	57	1.70
<b>Grade C (58- 60% Marks)</b>					
58	1.80	59	1.90	60	2.00
<b>Grade C + (61- 64% Marks)</b>					
61	2.10	62	2.20	63	2.20
64	2.30				
<b>Grade B- (65-69% Marks)</b>					
65	2.40	66	2.50	67	2.50
68	2.60	69	2.70		

# Statues & Regulations

Percentage Marks	Grade Point	Percentage Marks	Grade Point	Percentage Marks	Grade Point
<b>Grade B (70-74% Marks)</b>					
70	2.80	71	2.80	72	2.90
73	2.90	74	3.00		
<b>Grade B+ (75-79 % Marks)</b>					
75	3.10	76	3.10	77	3.20
78	3.20	79	3.30		
<b>Grade A- (80-84 % Marks)</b>					
80	3.40	81	3.50	82	3.60
83	3.75	84	3.90		
<b>Grade A (85% Marks and above)</b>					
85-100	4.00				

**Table 3**



# Statues & Regulations

## **COMPUTATIONS AND APPROVAL OF RESULTS**

The Examination branch of college will compile the result of each semester. The result will also indicate the disposal (probation, warning and drop-out) of students failing to achieve required standard. The results are then presented in Divisional Semester Committee (DSC) for recommendation and submit to Principal for formal approval. The results are officially announced by the Examination Branch as per rules whereas the result of 8<sup>th</sup> semester will be announced by the UOB.

## **PRE-REQUISITES TO PROMOTION (GPA Requirement)**

- A student must maintain GPA of 2.00 on a cumulative basis during his / her academic program. Any student with a GPA less than 1.50 will be dropped from the rolls of the University forthwith.
- A student securing a GPA between 1.50 and 2.00 will be put on probation for one semester.
- At the end of semester, student will be required to improve his / her GPA and bring it up to the required minimum of 2.00.
- If a probationer shows an improvement, but his GPA is still below 2.00 then his / her probation may be extended for another semester.
- If he / she still fail to bring his / her GPA to 2.00 by the end of next semester then he / she will be dropped from the rolls of the University.
- If a student fails to pass certain courses and yet manage to maintain his / her GPA equal to or above 2.00 then he / she will be allowed to repeat and clear the course(s) or substitute(s) {whenever permissible} before the degree is awarded to him / her.
- GPA is computed at the end of each semester.

# Statues & Regulations

## **REPETITION OF COURSE(S)**

- A student may repeat a course under two circumstances, i.e. to clear a 'D' Grade or to improve his CGPA. The student will be required to complete all formalities applicable to repetition of courses, i.e. , projects, assignments, quizzes, Mid-term and Terminal Examinations.
- The student transcript will show both old grade and new earned grade but the CGPA would be based on new earned grade.
- The student will also have to pay the prescribed tuition fee for the repeated course. Maximum achievable grade in this case is 'D'.
- A student who repeats a subject will not be eligible for top student honors/awards even if he improves it and comes in that bracket after repeating it.
- It is the student's responsibility to clear the failed subjects within the prescribed time limits.

# Statues & Regulations

## **CLEARANCE OF 'F AND D' GRADE.**

- For a failed course(s) which is not a pre-requisite for a subsequent course in the following semester, DSC may decide for a retest or repetition of the course(s) whenever offered, subject to the availability of necessary resources / faculty. There will be at the most two chances to clear an “F” or “D” grade in a course. A retest will be governed by the rules given below.
- In case failed subject is a pre-requisite for a course in the following semester, the student will have to clear it through retest within first 6 academic weeks of the next semester.
- Such retest will have the same weightage as that of actual terminal examination in that course
- Maximum achievable grade in this case is “C”.
- There will be no extra coaching classes prior to such test.
- In case ‘F’ grade is awarded due to shortfall in attendance (less than 75% attendance) in a specific subject which is also a pre-requisite for a course(s) in subsequent semester, student will have to clear it by repetition within first 8 academic weeks of the next semester subject to the availability of necessary resources/faculty. The minimum duration of a specially arranged repeat course will not be less than 8 weeks.

# Statues & Regulations

## **IMPROVEMENT OF CGPA.**

- A student may repeat the course(s) in which he received the grade 'D' in order to improve his CGPA.
- Procedure for repeating a Course(s) will be as under.
- The candidate will apply to the Chairman / Chairperson / Director / Principal of Department / Institute / Centre / Constituent College for permission to repeat a course(s).
- The case will be presented before the DSC, which may permit a student to repeat a course(s) whenever offered subject to the availability of necessary resources / faculty.
- The student while repeating the course(s) will have to undergo all assignments, quizzes, Mid-term and Terminal Examinations.
- A student will be allowed to repeat maximum of five courses in four year program apart from clearance of 'F' grade(s) through repetition.
- Repetition of a failed course is granted by DSC subject to availability of necessary resources / faculty.

# Statues & Regulations

## **TEMPORARY SUSPENSIONS**

- Temporary suspension up to one year from course work is allowed to the student for medical ground referred by Medical Board subject to the approval of Principal on the positive recommendations of the Divisional Semester Committee (DSC).
- During suspension period the student will be required to pay 10% of tuition fee for each suspended semester to continue his registration with University.
- In case the student uses the institutional facilities (Such as library, laboratory, help from faculty etc) of College, he will be required to pay 50% of tuition fee during the suspended period.

## **INTERNSHIPS**

- Internship with reputed public / private sector organizations for a minimum duration of 6-8 weeks for the students may/can be arranged if applicable.
- This must preferably be planned during semester breaks or at the end of the last semester of the program in order to provide practical/on job training and confidence before employment as professionals.

# Statues & Regulations

## **AWARDS OF DEGREES, MEDALS AND OTHER CERTIFICATES**

### **Provisional Certificate.**

A Provisional Certificate is issued by the Examination branch of college to the students on completion of their degree requirements. The provisional certificate is valid till the time degree is not conferred (or convocation not held).

### **Detailed Marks Certificate**

A student desirous of obtaining Academic Transcript / Detailed Marks Sheet may apply to the Controller of Examinations as per college rules.

## **MAXIMUM AND MINIMUM COURSE LOAD PER SEMESTER**

In the first semester the student will be allowed to take 21 credit hours only. In subsequent semester a student may be allowed to take up to 15-21 credit hours being maximum course load.

### **NOTE:**

Any change in semester regulation from the University of Balochistan will be implemented in any stage.





75

# Major Subject Allotment & Migration

# Major Subject Allotment

1. A student who has passed 4<sup>th</sup> semester examination can choose a subject for specialization.
2. The student will not be allowed to select a subject for specialization in which he/she is failed.
3. Allotment of major subject will be on merit specified for different major subjects.
4. The major subject will be allotted through major selection committee.

## **MIGRATION**

1. A student shall not be permitted migration without the provisional permission of the Principal and the Government concerned.
2. A student shall not be permitted migration in 1st year B.Sc. (Hons.) Agriculture class.
3. Only University-registered students shall be eligible for migration.
4. No application for mutual migration or otherwise shall be entertained unless the student has passed 1st year (1st & 2nd semester) B.Sc. (Hons.) Agriculture class.
5. No application for migration shall be entertained during the academic year except on Father's/Guardian's death or transfer in support of which authentic proof must be forth-coming.
6. A student being allowed migration must complete his/her 75% attendance, clear all outstanding dues.
7. A student being allowed migration must deposit migration fee amounting to Rs. 50,000/- in the account of Balochistan Agriculture College in National Bank, Secretariat Branch, Quetta.

77

# Hostel





# Hostel

1. There are two Hostel Blocks for students in College premises under the control of College Administration.
2. Hostel accommodation shall not be provided to the students of Quetta District.
3. On account of non-availability of rooms at present, the College does not undertake the responsibility to provide hostel accommodation to the newly admitted students.
4. Hostel allotment will be made every year on merit.
5. Accommodation, if made available at any stage, shall be allotted by the Allotment Committee on merit and first come first serve basis upon production of receipt of payment of Hostel fees. At the beginning of each semester, every boarder must deposit the Hostel fees, otherwise, his allotment shall stand canceled.
6. The rate of hostel fee and security is as under:

i	Per semester Hostel maintenance fee.	Rs.500.00
ii	Hostel Security (Refundable) for each Allotment.	Rs.15,00.00
Total		<b>Rs. 2,000 /-</b>



# Hostel

7. No student is allowed to change his room without prior approval of the Allotment committee.
8. If a student leaves hostel without payment of the hostel and mess dues, he will be charged from the security deposit or scholarship or as decided by the Principal on advice of the Hostel Warden.
9. The warden will maintain an up-to-date inventory of the Hostel belongings.
10. Use of electric heater, stoves, electric iron or any such electric appliance except light bulbs/tube lights, is strictly prohibited in the hostel. Any student found in use of such items will have to pay penalty fixed by the Principal under the circumstances.
11. The cleanliness of the room shall be responsibility of the occupants.
12. All damages shall be repaired at the expense of the boarder responsible.
13. Furniture shall not be transferred from one room to another.
14. No sectarian/political/ethnic activities that likely to hurt the feelings of other boarders shall be allowed in the hostels.

# Hostel

15. No cooking is allowed in the rooms. Defaulters are liable to a strict action by the Principal on advice of the Hostel Warden.
16. The occupants of a room shall not refuse sharing their rooms with new allottees. Defaulters shall be liable to a strict disciplinary action.
17. All the demands relating to the Hostels must be routed through the Hostel Warden. No direct application will be entertained by the Principal.
18. No meetings or activities of political nature shall be permitted in the Hostel premises.
19. The use of liquor and narcotics in the Hostels is strictly prohibited.
20. Rights of admission in hostel premises are reserved.
21. All cases of sickness must be reported to the Warden for necessary treatment.
22. The college is not responsible for any loss or theft of the boarder belongings.

# Hostel Mess

1. Hostel Mess is meant only for the bonafide College students.
2. Before proceeding to vacations, members shall clear all of their Mess and Canteen accounts.
3. The Warden may forfeit the right of membership of any member if his conduct is found unsatisfactory or if he does not abide by the rules of the Mess.



84

# **Admission Policy for POSTGRADUATE PROGRAM**



# Admission Policy

There will be a pre-entry test for admission in Balochistan Agriculture College, Quetta which will be taken through NTS. This will be compulsory for all categories of seats.

1. The total number of slots for M. Sc. (Hons.) Agriculture course during the academic year (1<sup>st</sup> Semester) 2015-16 in Balochistan Agriculture College, Quetta shall be 20.
2. There are 04 seats reserved for each discipline (Agricultural Extension, Agronomy, Entomology, Horticulture, Plant Pathology and Soil Science).
3. The admission in M.Sc.(Hons.) shall be purely on provincial merit basis. There will be no reserve seat for any category. The female candidates are also eligible to compete with male candidates for the provincial merit seats.

## Eligibility of candidate

1. The candidates seeking admission to Balochistan Agriculture College, shall have to produce before the Selection Committee, a Local/Domicile certificate issued by the Deputy Commissioner Cum-District Magistrate/District Administrative Officer of the respective District under the Pakistan Citizenship Act 1951 (Act II of 1951) and the rules made there under.
2. The minimum qualification for a candidate for admission to 1st Semester M.Sc. (Hons.) Agriculture class is the B.Sc.(Hons.) Agriculture 4 years degree at least 2<sup>nd</sup> Division in annual system and 2.50 CGPA in case of semester system in the relevant subject from a HEC recognized University.



# Eligibility of candidate

3. A candidate found in possession of two or more Local/Domicile certificates issued by the District Magistrate of different Districts at the time of submission of application for admission, shall not be considered against either of the districts quota.
4. No candidate, even if selected by the Selection Committee, shall be admitted to Balochistan Agriculture College, Quetta after 10 days from the date of announcement of final results of the Selection Committee through the Local/National Newspapers, Radio, Television and by displaying the same on the Notice Board of the College. Besides, the Principal of Balochistan Agriculture College has the right to fill the vacant slots from the candidate standing on the waiting list of the respective districts.
5. Employees of provincial Agriculture Department seeking admission to Balochistan Agriculture College shall have to produce a NOC and two years leave notification issued by the competent authority.
6. No notice / letter shall be issued individually to the candidates for inviting applications, Communication of rest of the interviews or any other instructions. Publication of instructions through the press release in the Local / National Newspapers and announcement through Radio and Television shall be deemed sufficient.
7. Applications for admission along with documents received in the College shall not be returned. In case, as candidate has submitted the original certificates with his/her application, the same will be returned to him / her on supplying the attested copies of the said certificates. after admission procedure is over.
8. A candidate who, for the purpose of getting admission furnishes or relies upon a certificate or any other document of information which is incorrect or false, shall be debarred from admission in the college for that academic session and shall also be liable for prosecution in the Court of Law.

87

## Selection Committee for Post Graduate Program

# Selection Committee

1. The selection committee shall be comprised of the following.

i	Director Advanced Studies & Research	Chairman
ii	Vice Principal.	Member
iii	Head of the respective department.	Member
iv	Registrar, BAC	Member/ Secretary

2. The meeting of the Selection Committee shall be held at Balochistan Agriculture College, Chaman Road, Beleli, Quetta to interview the candidates.
3. Physical presence of the candidate is compulsory at the time of interview.
4. Decision of the Selection Committee shall stand final.
5. The approval of the recommendations of the selection committee will be given by the Principal, BAC.
6. No provisional admission shall be granted to any candidate in Balochistan Agriculture College, Quetta.
7. Government of Balochistan reserves the right of making any addition, alteration or amendment in the admission policy, prospectus, and the application form at any time.

89

# Procedure of Admission

# Procedure of Admission

1. Applications for admission to first year M.Sc. (Hons.) Agriculture class shall be invited by the Principal Balochistan Agriculture College, Quetta through an advertisement in the Local / National Newspapers and broadcast / telecast from the Radio and Television. The applications are required to be submitted on or before the date specified in the advertisement.
2. All applications must accompany copies of the following documents attested by an Officer of B-17 or above. All columns of the application form must be filled in correctly. Incomplete applications will be rejected:
  - a) B.Sc.(Hons.)Agriculture Degree in the relevant subject.
  - b) B.Sc.(Hons.)Agriculture Detail Marks Certificates.
  - c) Intermediate science (Pre-Medical / Pre-Engineering) certificate.
  - d) Intermediate science (Pre-Medical / Pre-Engineering) detailed marks certificate.
  - e) Matriculation certificate (with science subjects).
  - f) Matriculation detailed marks certificate.
  - g) Local /Domicile certificate issued by the District Magistrate/District Administrative Officer of the respective district.
  - h) National Identity Card of the candidate.
  - i) Character certificate from the Institution last attended.
  - j) Four attested copies of latest passport size photographs.
  - k) Every student admitted to the College shall be required to give an undertaking to abide by the rules and regulations of the College and to carry out such other orders and instructions as may be issued by the College authorities from time to time under the Balochistan Agriculture College Students (Discipline and Conduct) Regulations.

# Procedure of Admission

3. The applications received after the closing date advertised/telecast will not be entertained and no excuse will be acceptable.
4. The selection of candidates for admission to 1st year M.Sc. (Hons.). Agriculture shall be made by the Selection Committee appointed by the Government. The selection will be made strictly on merit basis from amongst the applicants according to the conditions laid down in the Prospectus.
5. Merit for Admission to M. Sc. (Hons.) Agric. 1<sup>st</sup> semester shall be determined on the basis of performance in the Metric, F. Sc. (Pre-Medical / Pre-Engineering), B.Sc.(Hons.)Agriculture and the entry test.



92

# Entry Test for Post Graduate Program

# Entry Test

1. There will be an entry test for admission to M. Sc. (Hons.) Agric. 1st semester class, the test will be held in the following subjects:
  - a. Subject of specialization for M.Sc.(Hons.)Agriculture.
  - b. Statistics and Biochemistry.
  - c. English
2. The qualifying marks in entry test shall be 50%. Any candidate who fails to qualify the entry test will not be considered for admission. The weight-age for the preparation of final merit list will be as under:

a. Marks of SSC or equivalent examination	10%
b. Marks of F. Sc. (Pre-Medical) or equivalent	10%
c. Marks of B.Sc.(Hons.)Agriculture	30%
d. Entry test	50%
3. Pre-requisite for admission in M. Sc. (Hons.) Agric. 1st Semester is B. Sc.(Hons.)Agriculture with 1st and 2nd Division. However, in case the adjusted marks of the candidate with lower mark exceed those of a candidate with higher marks, the merit will be determined on the basis of adjusted marks.

94

## **Fees & Subscriptions for Post Graduate Program**

# Fees Structure

1. All the students must pay fees by the date as may be fixed by the Principal for the purpose.
2. If the fees not paid in time, the name of defaulters, if already admitted, will be struck off from the college rolls and re-admission will only be allowed on payment of re-admission fee of Rs.1000/- in addition to the usual College fees. .
3. Fees once paid will not be refundable except laboratory security, library security and hostel security, which, if not claimed within one year, after leaving the College shall be credited to the College Welfare fund.
4. A student who is required to attend the academic year for the second time on account of failure in a professional examination would be required to pay the welfare fund, sports fund, tour and stationery charges only for that semester.
5. There will be no remission of fees.
6. A student identity card will be issued on production of receipt of College fees prescribed for the 1st semester. If identity card is lost, it will be-re-issued on payment of Rs.200/-

# Fees Structure

Title	M.Sc.(Hons.) 1 <sup>st</sup> year			M.Sc.(Hons.) 2 <sup>nd</sup> year		
	1 <sup>st</sup> Sem.	2 <sup>nd</sup> Sem.	Session	3 <sup>rd</sup> Sem.	4 <sup>th</sup> Sem	Session
Admission fee	6000	-	-	-	-	-
University Registration Fee	1000*	-	-	-	-	-
University Affiliation Fees	500	-	-	-	-	-
Tuition fee	2000	2000	2000	2000	2000	2000
Welfare fund	300	300	300	300	300	300
College Magazine	500	-	-	500	-	-
Sports fund	500	-	-	500	-	-
College ID Card	200	-	-	-	-	-
Library fee	1000	1000	1000	1000	1000	1000
Laboratory maintenance fee	1500	1500	1500	1500	1500	1500
Common Room maintenance fee	200	200	200	200	200	200
Stationery charges	1000	1000	1000	1000	1000	1000
Library & Laboratory security (Refundable)	3000	-	-	-	-	-
Examination fee	1000	1000	1000	1000	1000	1000
Research supervision fee	2000	2000	-	2000	2000	-
Comprehensive exam fee	-	-	-	-	2500*	-
<b>Total Fee</b>	<b>20,700</b>	<b>9000</b>	<b>7000</b>	<b>10,000</b>	<b>11,500</b>	<b>7000</b>

\* Subject to the any change in fee from the University of Balochistan.

# College Session

The duration of academic year and vacation shall be as follow:

Commencement of Spring Semester	<b>1<sup>st</sup> March to 31<sup>st</sup> July</b>
Commencement of Fall Semester	<b>1<sup>st</sup> August to 31<sup>st</sup> December</b>
Commencement of Session Semester	<b>1<sup>st</sup> January to 28<sup>th</sup> February</b> (for improving D grades and passing Fail subjects.)

## Degree Requirement

To be eligible for a Post graduate degree, a student must have completed 3 semesters course work and 1 semester research.

## Class Attendance

Immediately after enrollment, the Registrar's office will provide a list of enrolled students to each Head of Department. If enrolled students fail to attend a course, the Principal has the right to drop the student from class roll. Attendance in class is mandatory and every student must attain a minimum 75% of attendance in each course to make his/her eligible to appear in Final Examination.



98

## Regulations relating to Post Graduate Degree

# Regulations

**Academic Program.** An “Academic Program” means a program of studies, which leads to the award of M.Sc.(Hons.) Degree to the students, after successful completion of all its requirements.

**Enrolment / Exam:**

- i. At the beginning of each semester a student must enroll in courses of studies on the prescribed form.
- ii. A student, who maintains the minimum CGPA for promotion and meets the requirement in his respective program, will be promoted to the next semester. If he/she does not maintain the required CGPA, he/she shall be ceased on the College Rolls and the ceased period, shall not be counted towards his/her academic residency period.
- iii. A student, who does not meet the requirements for promotion, may have to repeat the whole semester (only once during the degree program), the course grades that he earns in the repeated semester shall replace the previously earned course grades. However, if he/she again does not meet the requirements for promotion in the repeated semester or in any other examination after availing this one chance, he shall cease to be on the College rolls.

# Regulations

- iv. The enrolment shall not be complete unless a student makes payment of all the prescribed fees and submit the prescribed form in the respective office. The student shall not be allowed to sit for the semester examination unless all payments are made.
- v. Enrolment and fee payment shall be completed on the days notified for this purpose, provided that the Authority concerned may, in special circumstances and on payment of a late fee applicable at the time, permits a student to enrol within seven days after the commencement of the semester.
- vi. Enrolment forms ( GS-10) must be submitted to the office of the Registrar, BAC latest by the fourth week of the commencement of semester who will responsible to submit the same to the Controller of Examinations, University. GS-10 to be submitted to the Director Advanced Studies who shall approve the same and send a copy each to the College Registrar, Controller of Examinations and other concerned.
- vii. A student admitted to the course shall, for so long as he has not completed all the requirements for the degree, enroll himself/herself for each semester, failing which his/her admission shall stand cancelled, unless he/she gets permission for discontinuation.

# Regulations

- viii. All post-graduate students shall have to enrol on GS-10 and pass the comprehensive examination after completion of the entire approved course work given on GS-12. Comprehensive examination will be of qualifying nature only i.e. pass/fail; for Master's degree at 50% (D grade).
- ix. Comprehensive examination shall comprise written and oral parts and shall be conducted by the respective committees. The students shall have to pass both the parts separately. If a student fails to pass comprehensive examination, he/she may appear again (only once) as per rule.
- x. In M.Sc. oral comprehensive examination at least four out of five committee members shall conduct the examination. If a student fails to qualify either in the written part or in the oral part, he/she shall be deemed to have failed in the comprehensive examination and he/she may appear again in both the written and the oral parts as per rule.
- xi. A candidate who fails in the comprehensive examination and/or enrols for thesis shall continue to enrol in the subsequent semesters till the completion of degree requirements within the prescribed time frame given for the relevant degree on payment of the prescribed fee by the College/University.
- xii. The name of student, who remains absent from the classes continuously for a week without prior permission shall be struck off the roll. A teacher shall report the absence to the chairman concerned for onward transmission to the authorities.

# Regulations

## **Award of Degree:**

A student who passes all the examinations of his/her program of study with the prescribed CGPA and meets all other requirements shall be awarded the degree. In addition to general regulations the following regulations are also applicable to the M.Sc.(Hons.)Agriculture Degree.

- i. The duration of the course for the degree of M.Sc.(Hons.)Agriculture shall not be less than 4 semesters for whole time students.
- ii. The requirements to be completed by each student for award of degree shall be:  
The M. Sc. (Hons.) Agri. degree: 45 credits including 35 credits of course work and 10 credits of research thesis (not to be counted towards CGPA) based on approved program of research.
- iii. Nearly two third of the credits for the course shall be in the major field of study, and one third in the minor fields of study: on the basis of the minimum requirements; the minor fields may be one or two but shall not exceed three. The ratio of one third and two third shall not apply to credits taken over and above the minimum requirements.
- iv. All students in M. Sc. (Hons.) Agriculture will be required to pass a comprehensive examination (for details, see the relevant regulations).

# Regulations

The following courses shall be compulsory: -

- i. “Statistics” for all the Master’s students.
- ii. “Bio-chemistry” for all students enrolled for the M.Sc.(Hons.)Agri. degree.

## **Credits:**

- i. Ordinarily a student shall not be enrolled for more than 15 and less than 10 credits in a semester except during the last semester however the students may be allowed to enroll one extra failed course in the third semester. These credits will include the credits earned in respect of deficiency courses.
- ii. Out of the total number of credits required for Master’s program one credit shall be earned through Seminar and not more than one credit may be earned through special problem.
- iii. The advanced studies and research board may, on the recommendations of Board of Studies, count towards the requirements of the Course, credits earned by a student at another recognized institution, subject to maximum of 50 percent of the minimum credits requirements laid down in these regulations provided that:
  - a. the courses for which credit is claimed, are identical with or similar to the Course, included in the program approved for him.
  - b. The credits allowed to Seminar and Special Problems shall not exceed the limit laid down in this regulation.
  - c. The courses for which credit is claimed have not been used for any other degree.



# Regulations

- iv. Provided that the above conditions may be relaxed by the Principal on the recommendations of the Director Advanced Studies and the concerned Board of Study.
- v. Credits earned for a course shall lapse on the expiry of five years for regular students and seven years for part time students from the end of the semester in which the course was qualified. The Advanced Studies and Research Board may, however, revalidate the lapsed courses for special reasons to be recorded.

## **Supervisory Committee:**

- i. Each student doing M.Sc. with thesis will a supervisory committee to advise him/her in his Program of studies and research.
- ii. The supervisory committee will be constituted during the first semester for M.Sc.(Hons.)Agriculture and will consists of a minimum of 3 members.
- iii. The committee will be approved by the Advanced Studies and Research Board on the recommendations of the Chairman and/or Board of Studies.
- iv. The Supervisory Committee shall consist of at least three members of the faculty, two from major field and one from related field of study, provided that if an outstanding specialist in a major or minor field of study is available outside the College may be appointed as a members/co-supervisor of the Supervisory Committee.
- v. One of the teacher members from the major field of study will be designated as Chairman of the Supervisory Committee.

# Regulations

## **Academic Standing:**

### **i. Grade Point Average:**

- |   |      |
|---|------|
| (a) Maximum grade point average:                              | 4.00 |
| (b) Minimum grade point average for obtaining Master's Degree | 2.50 |

### **ii. PRE-REQUISITES TO PROMOTION (GPA Requirement)**

- i. A student must maintain GPA of 2.00 on a cumulative basis during his / her academic program. Any student with a GPA less than 1.50 will be dropped from the rolls of the University forthwith.
- ii. A student securing a GPA between 1.50 and 2.00 will be put on probation for one semester.
- iii. At the end of semester, student will be required to improve his / her GPA and bring it up to the required minimum of 2.00.
- iv. If a probationer shows an improvement, but his GPA is still below 2.00 then his / her probation may be extended for another semester.
- v. If he / she still fail to bring his / her GPA to 2.00 by the end of next semester then he / she will be dropped from the rolls of the University.
- vi. If a student fails to pass certain courses and yet manage to maintain his / her GPA equal to or above 2.00 then he / she will be allowed to repeat and clear the course(s) or substitute(s) {whenever permissible} before the degree is awarded to him / her.
- vii. GPA is computed at the end of each semester.

# Statues & Regulations

## **EVALUATION OF A COURSE**

### **Grade Point (GP)**

•According to the marks distribution table 1, the percentage marks will be converted into Grade Points using the table 3. A student securing less than fifty percent marks in a course will be treated as fail or 'F' grade.

### **Grade Point Average of a Semester (GPA)**

Semester Grade point Average (GPA) and Cumulative Grade Point Averages (CGPA) will be calculated using the following relationship.

$$GPA \text{ of a semester} = \frac{\text{sum of (GP in individual course} \times \text{Number of Credit Hours)}}{\text{Total number of credit hours in the semester}}$$

## **CGPA REQUIREMENT FOR DEGREE COMPLETION**

For graduation, the minimum qualifying CGPA for Bachelors is 2.00

### **Cumulative Grade Point Average (CGPA)**

The Cumulative Grade Point Average is calculated for all courses offered in a program using the above formula.

# Regulations

**Credit Hour (Cr Hr).** A lecture of one-hour duration (including 10 minutes break) per week per semester for a subject countable towards a student's Cumulative Grade Point Average will be considered as one credit hour. However, in case of seminars, tutorials and laboratory work, one credit hour may require two or three contact hours depending upon the nature of the subject.

**Grade.** A mark (letter grade) indicating the quality of student's academic performance in terms of scoring marks is called grade. The letter grades and their numerical equivalence are given below in Table 1:

Percentage of Marks*	Grade Point	Grade	Percentage of Marks*	Grade Point	Grade
85 and above	4.00	A+	61 – 64	2.30	C+
80 – 84	3.70	A	58 – 60	2.00	C
75 – 79	3.30	B+	55 – 57	1.70	C-
70 – 74	3.00	B	50 – 54	1.00	D
65 – 69	2.70	B-	0 – 49	0.00	F

**Note:** Fraction is to be rounded as a whole.

# Statues & Regulations

## The Distribution of Marks.

The distribution of marks in a course is given below in Table 2:

Nature of Examination	Practical	Theory
Quizzes	15%	5%
Mid Semester Exam*	30%	20 %
Assignments	15 %	10 %
Practical	-	25 %
Terminal Exam*	40%	40%

Certain courses consist of laboratory work (set of experiments) only. The laboratory reports of all requisite experiments will be separately evaluated by the concerned teacher, at regular intervals of time. The concerned teacher will compile the result of laboratory work and handover the same to Semester Coordinator after the end of each semester. The normal weightage of laboratory work, where desired, will not exceed twenty-five percent of the total marks of the academic program.

# Regulations

## **Thesis:**

- i. A student shall be entitled to submit thesis for examination after he/she has passed all the final examinations in the approved courses and comprehensive examination provided he/she has also fulfilled the residential requirements.
- ii. The thesis shall be prepared and presented in the manner laid down in the instructions approved by the Advanced Studies and Research Board.
- iii. The unbound thesis shall be referred to the examiners for evaluation duly certified by the supervisory committee that the contents and form of the thesis are satisfactory for submission.
- iv. The hand bound copies of corrected/modified version of the thesis shall have to be submitted within 2 months of viva voce examinations, failing which the candidature for the degree shall stand cancelled.

## **Thesis Research:**

The subject approved for thesis research shall remain valid only for 8 semesters from the date of admission of the candidate to the course.

# Regulations

## Evaluation:

- i. There shall be 10 credit hours allocated for the thesis which shall not be counted towards calculation of CGPA.
- ii. A Board of Examiners comprising members of the Supervisory Committee and one external examiner shall evaluate the thesis.
- iii. The external examiner shall be appointed by the Principal from the persons proposed by the Advanced Studies and Research Board, out of the panel of names recommended by the Board of Studies or any other expert in the major field of research.
- iv. At least three members of the Board of Examiners of whom one must be an external examiner, shall for the purpose of evaluating the thesis, hold a viva voce examination.
- v. The date, time and venue of thesis examination must be notified at least one week before the commencement. The faculty and students interested to participate in the oral presentation may be allowed. The notification to this effect may be made by the chairman of the Department concerned with intimation to the Director Advanced Studies and Controller of Examinations.
- vi. The Controller of Examination shall get the thesis evaluated within three months after the date of its submission/resubmission in his office. Any delay beyond three months must be brought to the notice of the Principal.
- vii. All the members of Supervisory Committee present shall sign the thesis after the viva voce examination after making necessary corrections and incorporating therein any suggestions by the Board of Examiners. The Board of Examiners in the letter grades as pass/fail shall evaluate the thesis.



# Regulations

- viii. All the members of the Board of Examiners present shall sign the result sheet prescribed for this purpose at the end of the examination. The major supervisor will submit the results to the Controller of Examinations within 24 hours.
- ix. In case of disagreement among the examiners regarding the acceptance of the thesis, it shall be referred to another external examiner appointed by the Principal whose decision shall be final.
- x. If a candidate fails in the thesis examination, he/she may enroll again and submit a revised thesis on payment of the prescribed examination fee but he/she shall not be entitled to resubmit his/her thesis before the expiry of six months after the date of the declaration of the result of the last thesis examination. He/she can avail this chance only once.

## **Comprehensive Examination:**

- i. Comprehensive examination will consist of a written part followed by an oral part and cover both the major and minor field of studies after the completion of course work.
- ii. The examination will be taken by the student on the dates to be decided by the Department and notified by the Controller of Examination.

# Regulations

- iii. Each department shall have its own committee of three members including Chairman of the Department who will also be the Chairman of the Examination Committee. In addition, the Director Advanced Studies or his nominee shall be the ex-officio member of the committee. One member will be nominated by the Principal at the time of examination. The committee will be constituted by the Principal on the recommendation of the respective department and Director Advanced Studies & Research. The committee shall be constituted for one year at the start of each academic year.
- iv. If one member of the committee is not present due to some Emergency, Examination may taken in the presence of four members out of five. The result announced will be valid.
- v. Comprehensive examination will be qualifying and the examination committee will separately evaluate the student on his/her performance in written and oral parts of the examination.
- vi. If a student fails to qualify in the comprehensive examination, he/she will be eligible to reappear, once only in the comprehensive examination within the time given for the degree.

113

# Regulations Relating to conduct of Exam

# Conduct of Exam

## **1. Dates for the Examinations:**

The Heads of Department shall prepare & submit the date sheet after proper scrutiny of clashes, to the Controller of Examinations for final notification. It will be the duty of concerned Head of Department to hold examination in case of clash if any.

## **2. Centre of Examination:**

- i. All examinations of the College shall be held according to the venue and date sheet proposed by the Principal and notified by the Controller of Examinations.
- ii. The examinations will be conducted by respective teachers. The Chairman of Department will, however, make necessary arrangements for invigilation in case of generals course.
- iii. If a candidate's paper is lost after having been received by the teacher/ examiner and if he passes in all other courses of the examination, he may be required to appear in the lost paper on a date fixed by the Controller of Examinations, and if he obtains pass marks, he shall be deemed to have passed the examination.
- iv. In case of dispute as to whether a candidate's paper was duly received or not, the finding of the Controller of Examinations, subject to the approval of the Vice Chancellor, shall be final.

# Conduct of Exam

- v. Practical Examination will be taken by the teacher concerned and an external examiner (designated by the competent authority). 25% marks of practical examination shall be awarded by the internal examiner and the rest 75% by the internal examiner.

## **3. Paper Setting and Marking:**

- i. The final examination of the course (Theory & Practical) of a semester shall be held collectively by setting a single examination paper for all the sections of a class on a date and at a time and place to be notified by the Controller of Examinations.
- ii. All teachers teaching various sections of a class will set their individual examination papers and submit them to the Department /Chairman who shall set the final single paper from the examination papers so submitted by the sectional teachers.
- iii. The answer books will be marked by the respective teacher individually or collectively as may be determined by Department Chairman.
- iv. The Chairman of the Department/Section In-charge will arrange the Invigilation/supervision of the examination of the course and send its copy to the Controller also. Marking of the answer books and preparation award lists.

# Conduct of Exam

## **Breach of Examination Rules(Unfair Means):**

- i. Any candidate, found to have in his possession or accessible to him, papers, books or notes, relating to the subject of examination of that paper or detected in giving or receiving assistance, or using or attempting to use any other unfair means in connection with the examination, shall be expelled from the examination room.
- ii. If it is found that a candidate has access to, or is in possession of papers, books or notes, which might possibly be of assistance to him / her.
  - a. but that his access to, or possession of such books, notes or papers was inadvertent, and was not mollified, his answer book shall be cancelled, as a disciplinary measure without any implication of moral turpitude; and
  - b. in other cases of possession he is disqualified from passing any examination that semester and the following semester.
- iii. Any candidate detected in giving or receiving assistance, or found guilty of copying from any paper, book or note, or allowing any other candidate to copy his answer-books, or using or attempting to use these or any other unfair means, shall be disqualified from passing any examination for a period not exceeding two years.

# Conduct of Exam

- iv. Notwithstanding any other law for the time being in force and without prejudice to any remedy open to the University under such law:
  - a. any candidate found guilty of deliberate previous arrangements to cheat in the examination such as smuggling in another answer-book, impersonation or misconduct of a serious nature and the person who impersonates such candidate, if he is on the roll of the University, shall be disqualified for a period of not less than two years and not more than three years or declared as not a fit and proper person to be admitted to any future examination of the University, according to the seriousness of the offence and the other circumstances of the case.
  - b. if the impersonator is not on the roll of the College the Controller of Examinations shall report the matter to the police with the permission of the Principal.

Provided that in a case covered by clause (a) above a candidate or the impersonator, on the expiry of three years including the examination in connection with which he was declared to be not fit and proper person to be admitted to any future examination, as a special case, be exempted by the Syndicate from further operation of this Regulation with the sanction of the Principal.

- v. Any candidate using abusive or obscene language in the answer-book shall be disqualified from passing any examination that semester.



# Conduct of Exam

- vi. Any candidate forging another person's signatures on the attendance sheet shall be disqualified as per Regulation.
- vii. Any candidate found guilty of disclosing his identity or making peculiar marks in his answer-book for that purpose shall:
  - a. If he is successful in the examination, be disqualified from passing their examination that semester, and
  - b. If unsuccessful in the examination, be disqualified for that semester and the following semester.
- viii. Candidates guilty of communicating, or attempting to communicate, with Examiners with the objective of influencing them in the award of their marks, shall be deemed to have used, or attempted to use, unfair means within the meaning of Regulation and shall be punished accordingly. Communications of this nature addressed to the Controller of Examinations or other officers of the University shall be related as falling in the same category and the candidate concerned shall be punished as in Regulation.

An approach made by a relative, guardian or a friend of a candidate will, as a rule, be considered to be on behalf of the candidate, who shall be punished as laid down in the Regulation. The making of an appeal to the Examiner through an answer-book by a candidate is prohibited. The answer-paper in which such an appeal is made shall be liable to be cancelled

# Conduct of Exam

- ix. Any candidate who refuses to obey the teacher/examiner conducting the examination in the Examination Hall, shall be liable to expulsion by the teacher/examiner as well as to any of the following punishments according to seriousness of the offence:
  - a. Cancellation of the particular answer-book concerned.
  - b. Disqualification up to maximum period of three years.
- x. The Examiner concerned shall report, without delay, each case in detail with evidence and explanation of the candidate concerned to the Controller of Examinations for final orders of the College/University Authorities.
- xi. Any candidate found in possession of fire-arms or any thing capable of being used as a weapon of offence in or around any Examination Hall, shall be liable to expulsion by the examiner as mentioned in Regulation above and to disqualification ranging between two and three years.

## **Injured Examinee:**

A writer shall be provided to an injured examinee after having satisfactory medical evidence and detailed certificate about the injury from a registered medical physician / surgeon.

120

# **DISCIPLINE AND CONDUCT REGULATIONS**

# Discipline and conduct regulations

## **1. STUDENTS CONDUCT AND DISCIPLINE**

Every student admitted to the College shall be required to give an undertaking to abide by the rules and regulations of the College and to carry out such other orders and instructions as may be issued by the College authorities from time to time under the Balochistan Agriculture College Students (Discipline and Conduct) Regulations.

- i. These regulations may be called the Balochistan Agriculture College, Quetta students (Discipline and Conduct) Regulations.
- ii. These regulations shall come into force with immediate effect.
- iii. These regulations shall apply to all students on the rolls of the College.
- iv. A student on the rolls of the College who violates these regulations shall be guilty of indiscipline and misconduct liable to disciplinary action being taken against him under these regulations.

## **2. ACTS OF INDISCIPLINE AND MISCONDUCT**

The following, among other violation of the provision of the Code of Conduct shall constitute acts of indiscipline and misconduct for which action may be taken against the student(s) by the competent authorities for imposing appropriate penalties on the defaulters:

# Discipline and conduct regulations

- i. Use of indecent or offensive language in class rooms, hostels, playground and on campus.
- ii. Use immodest, improper and provocative dress;
- iii. Use of unwanted remarks.
- iv. Disorderly behavior, such as, shouting, abusing, quarrelling, fighting and insolence;
- v. Use or attempt or threat to use force;
- vi. Disobedience of authority;
- vii. Use of intoxicants (Smoking within the Classroom/Laboratories/Halls is strictly prohibited);
- viii. Any student wishing to meet with the Principal has the right to do so during the hours specified by the Principal for the purpose;
- ix. Keeping of licensed or unlicensed arms in the college;
- x. Loss or Damage to College property moveable or immoveable;
- xi. Any student misbehaving with a teacher or official of the College;
- xii. Actions defamatory of and derogatory to Islam and Pakistan;
- xiii. Every student must possess an identity card signed by the Principal

# Discipline and conduct regulations

## **3. COMPETENT AUTHORITY AND PENALTIES**

The Principal, Vice Principal, Head of Divisions, Head of Departments, Hostel Warden and Director Student Affairs shall be Competent to take disciplinary action against students of their respective divisions/departments and hostels found guilty of misconduct and indiscipline. The disciplinary action may take one of the following forms, depending on the nature of indiscipline or misconduct:

- i. An apology verbal or written;
- ii. Censure and warning for future;
- iii. Cancellation of Hostel accommodation;
- iv. Imposition of Fine;
- v. Suspension of Scholarship for one semester;
- vi. Placing a student on Probation;
- vii. Suspension from the rolls, and or ban on entry in the premises of the College;
- viii. Recovery of loss or breakage of moveable and immovable college property;
- ix. Suspension of Scholarship for more than one semester;
- x. Rustication from the College.
- xi. Expulsion from the College.
- xii. Any other action as deemed fit by the Principal.

# Discipline and conduct regulations

## **4. MAJOR AND MINOR PENALTIES:**

For the purposes of these Regulations, penalties specified in Regulation 3(i) to (viii) shall be deemed to be minor penalties, and those specified in Regulation 3(ix to xii) to be major penalties.

## **5. PAYMENT OF FINE:**

i. Notwithstanding the fact that the appeal(s) are filed or not, the fine imposed shall be paid within (10) days from the issuance of its notification, failing which the name of the defaulter shall be stuck off the college rolls.

ii. In case the competent authority, on the appeal of a student reduces or remits the fine, the amount of fine may be refunded to the student concerned.

## **6. RECOVERY OF LOSS OR BREAKAGE OF PROPERTY:**

A student shall be liable to make good the loss caused by him to the college property within (15) days of the notification of the order by the competent authority failure to make good the loss shall be considered an act of indiscipline and misconduct, within the meaning of Regulation (2). The name of such student shall be struck off from the rolls of the college for failure to make good the loss, and besides, the Competent Authority, may intimate legal proceeding against him in Court of Law.



# Discipline and conduct regulations

## **7. PLACING ON PROBATION**

A student may be placed on probation by the Competent Authority for a specified period and such period of probation may be extended if the student fails to improve his conduct. Continued failure to improve his conduct may lead to further disciplinary action.

## **8. SUSPENSION FROM ROLLS**

A student may be suspended from the College rolls for a period not exceeded two weeks at a time. Such a student shall pay the normal fine of absence for the period of suspended. A student suspended from the rolls may be reinstated or his period of suspension may be extended, as the case may be, by the Competent Authority.

## **9. RUSTICATION**

A student committing an act of major indiscipline and misconduct may be rusticated for an academic year or two semesters which shall mean the loss of one academic year to the rusticated student in so far as his appearance in the college examinations during the academic year is concerned.

# Discipline and conduct regulations

## **10. EXPULSION**

A student committing an act of major indiscipline and misconduct may be expelled from the College for at least two academic years or four semesters from the date of expulsion.

## **11. NOTIFICATION OF RUSTICATION OR EXPULSION**

The name(s) of the rusticated or expelled student(s) communicated by the Competent Authority shall be notified by the Registrar, with the approval of the Principal, and name(s) of such student(s) shall be struck off from the rolls of the College. The College shall not issue a migration rusticated or expelled student(s).

## **12. INFORMATION OF PENALTIES FOR ACTS OF INDISCIPLINE AND MISCONDUCT TO PARENTS/GUARDIAN OF STUDENTS:**

Act of indiscipline and misconduct committed by College student(s) and penalties imposed under these regulations shall invariably be intimated to the parents/guardian of the student(s) concerned.

# Discipline and conduct regulations

## **13.RE-ADMISSION OF RUSTICATED STUDENT**

It shall be obligatory on the part of the College to re-admit a rusticated student, if he wishes to re-join the College after serving out penalty period. He is required to submit an application in the office of the Principal well before the commencement of the semester where he stands eligible according the approved “Scheme of Studies’. The application should include an undertaking on judicial paper signed by the student and countersigned by his parents/guardian, to abide by the rules of conduct of the College and not to repeat any act of misconduct and indiscipline in future. If he fails to avail the chance immediately after serving out penalty period, he can seek re-admission in the same semester of the next academic session/semester according to the approved under and post graduate ‘Scheme of Studies’, as the case may be. In case a student does not avail both of the admissible opportunities, he shall not stand eligible for re-admission in future. Provided that the Principal may, on the recommendations of the Head of Division concerned, condone the above period in special circumstances.

# Discipline and conduct regulations

## **14. SPECIAL PERMISSION FOR RE-ADMISSION OF EXPELLED STUDENT**

An expelled student shall not be re-admitted to the College, except with special permission of the Academic Council of College/Committee of College Academic Staff after the explicit understanding given by the student on judicial paper, countersigned by his parents/guardian, concerned head of Division and Director Students Affairs, as the case may be, to abide by the rules of conduct of the College and not to repeat any act of misconduct and indiscipline.

The expelled student desirous to seek re-admission after serving out his penalty period, is required to submit his application addressed to the Principal along with requisite undertaking well before the commencement of the semester in which he stands eligible for re-admission according to the approved 'Scheme of Studies'. If he fails to apply for re-admission or If he fails to avail the chance immediately after serving out penalty period, he can seek re-admission in the same semester of the next academic session/semester according to the approved under and post graduate 'Scheme of Studies', as the case may be. In case a student does not avail both of the admissible opportunities, he shall not stand eligible for re-admission in future. Provided that the Principal may, on the recommendations of the Head of Division concerned and Director Student Affairs, condone the above period in special circumstances.

# Discipline and conduct regulations

## **15. DISCIPLINARY COMMITTEE(S) FOR INVESTIGATION OF CASES OF INDICIPLINE AND MISCONDUCT**

- The cases of indiscipline and misconduct involving students of the College shall be investigated by Disciplinary Committee constituted by the Principal on the beginning of each calendar year by giving representation to all the Divisions/Departments, Hostel Warden, Director Advance Studies & Research Board and Director Students Affairs.
- In case some outsider(s) are involved in an indiscipline and misconduct case along with the College students, the College Disciplinary Committee, after careful consideration and with the prior approval of the Principal, may refer such case to the Police for investigation and appropriate action under the intimation of Administrative Department.

# Discipline and conduct regulations

## **16. PROCEDURE FOR INVESTIGATION**

The following procedure shall be observed before imposing penalty on a student:-

The Principal, on receipt of a report from a teacher or any other source for the breach or violation of the provisions of the Code of Conduct/Discipline, shall call the same to be considered by the Disciplinary Committee.

The Committee Shall:

- i. Frame charges and communicate it to the student simultaneously through official communication to his/her given College address as furnished by him/her admission form and college Notice Board/ notification in College News together with a statement of allegation explaining the charges and or any other relevant circumstances which are proposed to be taken into consideration;
- ii. Require the student within a reasonable time which shall not be more than seven(7) days from the date of issuance of notice as prescribed under 16(i) above, to put in a written and oral defense;
- iii. Enquire into the charges and examine such oral or documentary evidence in support of the charges, or in defense of the student, as may be considered necessary;
- iv. Determine on the basis of evidence and proceedings of enquiry as early as possible whether the act(s) of indiscipline or misconduct warrants a major or a minor penalty;

# Discipline and conduct regulations

- v. The committee shall invariably serve final show cause notice indicating penalty to be imposed upon the accused and providing an opportunity of being heard in person before communicating its recommendations to the Competent Authority for final orders;
- vi. In case the student fails to respond to the notice issued to him under para 16(i) above, ex-parte decision shall be taken against him provided that the student under legal detention or hospitalized may respond to said notice within seven (7) days after the release;
- vii. The Committee, in case of minor penalties shall send its recommendations to the Principal for his information and in case major penalties, for his orders. The orders of the Principal shall be final.

## **16(a). PROCEEDINGS FOR SERIOUS ACTS OF INDISCIPLINE:**

Notwithstanding anything to the contrary contained in regulation 16, a student accused of a serious act of indiscipline, such as:

- i. Indulging in any criminal act(s) or
- ii. Provoking the students to demonstration or boycott of classes; inside or outside the College Campus;
- iii. Bringing fire arms on the campus; or



# Discipline and conduct regulations

iv. Indulging in immoral act;

v. Misbehaving with a teacher/officer and official of the College shall be proceeded against immediately by the Disciplinary Committee and the proceedings shall be concluded within 48 hours of the commission of the offence and act of indiscipline. The accused shall be given an opportunity of being personally heard and in case of absence or non- appearance the notice of the proceedings shall be given to the parents/guardian, if available, for ensuring the attendance. The ex-parte action shall be taken against those who would not be available. Before taking ex-parte action, a notice shall be pasted on the Notice Board or at a prominent part of the buildings at the Campus. In case allegations leveled against the accused are proved, the penalty of expulsion shall be imposed upon him.

2. The matter shall also be reported to the Police about the commission of offence having been committed as and when required.

•**16(b)** Nothing provided in clause 16 and 16(a) shall restrict the powers of the Principal to pass immediate orders without referring the case to the Disciplinary Committee and without following the specified procedure if situation so warrants.

# Discipline and conduct regulations

## **17. APPEAL AGAINST THE PENALTY**

1.A student on whom any major/minor or both penalties has/have been imposed in a similar case on the recommendations of the Disciplinary Committee, may, within thirty(30) days from the date of announcement of the order, appeal against that order to the Principal.

2.The Principal, may after obtaining advice of the Discipline Committee dismiss the appeal or acquit the appellant, or order a fresh enquiry, or reduce or enhance the penalty or suspend the punishment to be re-imposed immediately on evidence of his/her involvement in acts of indiscipline.

3.A student on whom only minor penalty is imposed by the Disciplinary Committee, may within fifteen(15) from the date of announcement of orders, appeal to the Head of Division/ Director Students Affairs who shall be competent authority to pass such orders as may deem fit.

4.Provided that:-

- i. No recommendations/decision under this regulation shall be made, unless an affected student is afforded an opportunity of being heard in person.
- ii. Where the appellate authority decides to enhance the penalty, it shall:-
  - a. By an order, in writing, inform the accused of the action proposed to be taken and the grounds of such enhanced punishment.
  - b. Given him/her a reasonable opportunity to show cause against that action.

# Discipline and conduct regulations

## **18. REVIEW AGAINST THE ORDER ON APPEAL**

1. The punished student(s), may, apply for review of the orders passed on his/her appeal to the upper authority passing these orders, within a period of fifteen (15) days from the announcements of the orders.
2. If a student whose penalty is suspended under regulation 16(2), is again found involved in act(s) of indiscipline and misconduct and is awarded fresh penalty along with the re-imposition of previous suspended penalty, may appeal against the fresh penalty only, to the competent authority within the prescribed period of thirty (30) days. He may also request for review of the orders passed by the competent authority on his appeal as provided under regulation 18(1).

135

# Scheme of Studies

# Scheme of Studies

## 1. First Semester

Course Code	Course Title	Credit Hours
AGR:301	Introduction to Basic Agriculture	3(2-1)
FRW:301	Introduction to Range and Wildlife& Management	3(2-1)
SS:301	Introduction to Soil Science	3(2-1)
AE:301	Introduction to Economics & Agricultural Economics	3(3-0)
Math: 301/Bio:301	Mathematics-I / FunctionalBio-I	3(3-0)
ENG:301	Functional English	3(3-0)
AEE:301	Introduction to Agricultural Extension	3(3-0)

## 2. Second Semester

Course Code	Course Title	Credit Hours
AGR:302	Forage And Fodder Production	3(2-1)
ENG:302	Technical Writing & Communication Skills	3(3-0)
Math: 302/Bio:302	Mathematics-II / Functional Bio-II	3(3-0)
CS:302	Introduction to Computer Science	3(2-1)
IS:302	Islamic Studies	2(2-0)
PS:302	Pakistan Studies	2(2-0)

# Scheme of Studies

## 3. Third Semester

Course Code	Course Title	Credit Hours
AGR: 401	Field Crop Production-I	3(2-1)
HOR: 401	Principle of Horticultural Practices	3(2-1)
ENT: 401	Introductory Entomology	3(2-1)
PBG: 401	Introductory Genetics	3(2-1)
PP: 401	Introduction to Plant Pathogens	3(2-1)
STAT: 401	Statistics-I	3(2-1)

## 4. Fourth Semester

Course Code	Course Title	Credit Hours
AEE:402	COMMUNICATION SKILL IN AGRICULTURE EXTENSION	3(2-1)
HOR: 402	Horticultural Crop Production	3(2-1)
ENT: 402	Applied Entomology	3(2-1)
PBG: 402	Introductory Plant Breeding	3(2-1)
PP:402	Introductory Plant Pathology	3(2-1)
STAT: 402	Statistics-II	3(2-1)

# Scheme of Studies

## 5. Fifth Semester (Department of Agronomy)

Course Code	Course Title	Credit Hours
AGR: 503	Agro-technology of Major Crops	3(2-1)
AGR: 505	Farming Record Maintenance	3(2-1)
AGR: 507	Field Crop Physiology	3(2-1)
AGR: 509	Water Management in Rainfed Area	3(2-1)

## 5. Department of Economics

Course Code	Course Title	Credit Hours
AE: 501	Principles of microeconomics	3(3-0)
AE: 503	Principles of macroeconomics	3(3-0)
AE: 505	Islamic Economics	3(3-0)
AE: 507	Agricultural Problems of pakistan	2(2-0)
Math: 501	Elementary Calculus	2(2-0)
Stat: 501	Statistical methods of Social Sciences	3(2-1)

## 5. Department of Agriculture Extension

Course Code	Course Title	Credit Hours
AEE: 501	Extension Program Development	3(2-1)
AEE: 503	History and Philosophy of Agricultural Extension Education	4(4-0)
AEE: 505	Rural Development Programs in Pakistan	4(3-1)



# Scheme of Studies

## 5. Department of Economics

Course Code	Course Title	Credit Hours
AE: 501	Principles of microeconomics	3(3-0)
AE: 503	Principles of macroeconomics	3(3-0)
AE: 505	Optional	3(3-0)
AE: 507	Agricultural Problems of pakistan	2(2-0)
Math: 501	Elementary Calculus	2(2-0)
Stat: 501	Statistical methods of Social Sciences	3(2-1)

## 5. Department of Food Technology

Course Code	Course Title	Credit Hours
FT: 501	Food Processing and Preservation	3(2-1)
FT: 503	Food Microbiology	3(2-1)
FT: 505	Unit Operation in Food Processing	3(3-0)
FT: 507	Food Laws and Regulation	3(3-0)
FT: 509	Food packaging	3(2-1)
FT: 501	Food Processing and Preservation	3(2-1)

# Scheme of Studies

## 5. Department of Horticulture

Course Code	Course Title	Credit Hours
HOR: 501	Principles of Fruit Production	4(3-1)
HOR: 503	Principles of Vegetable Production	4(3-1)
HOR: 505	Ornamental Horticulture	3(2-1)
FT: 501	Food Processing and Preservation	3(2-1)

## 5. Department of Plant Breeding & Genetics

Course Code	Course Title	Credit Hours
PBG: 501	Principles of Genetics	3(2-1)
PBG: 503	Breeding Field Crops	3(2-1)
PBG: 505	Cytogenetics	3(2-1)
PBG-507	Morphology and Reproductive Systems of Crops	3(2-1)
PBG: 509	Breeding Cereal Crops	3(2-1)

# Scheme of Studies

## 5. Department of Plant Pathology

Course Code	Course Title	Credit Hours
PP: 501	Introductory Mycology	3(2-1)
PP: 502	Introduction to Plant Prokaryotes	3(2-1)
PP: 503	Introduction to Plant Viruses	3(2-1)
PP: 504	Beneficial Microorganisms	3(2-1)
PP: 505	Diseases of Field Crops	3(2-1)

## 5. Department of Soil Science

Course Code	Course Title	Credit Hours
SS: 501	Physical Properties of Soil	4(3-1)
SS: 503	Chemical Properties of Soil	4(3-1)
SS: 505	Analytical Techniques in Soil Science	3(1-2)
SS: 507	Soil Genesis, Morphology and Taxonomy	3(2-1)

## 5. Department of Entomology

Course Code	Course Title	Credit Hours
ENT: 501	Insect Morphology	3(2-1)
ENT: 503	Principles of Insect Taxonomy	3(2-1)
ENT: 505	Insect Ecology	3(2-1)
ENT: 507	Insect Pests of Household, Man and Animal	3(2-1)
ENT: 509	Insect Behavior	3(2-1)

# Scheme of Studies

## 6. Sixth Semester (Department of Agronomy)

Course Code	Course Title	Credit Hours
AGR: 504	Principals of weed science	3(2-1)
AGR: 506	Medicinal and special crops	3(2-1)
AGR: 508	Plant Nutrients and Growth regulations	3(2-1)
AGR: 510	Seed production technology	3(2-1)
AGR: 504	Principals of weed science	3(2-1)

## 6. Department of Agriculture Economics

Course Code	Course Title	Credit Hours
AE: 502	Elementary production Economics	3(3-0)
AE: 504	Agribuisness Management	3(3-0)
AE: 506	Agri: Finance	3(3-0)
AE: 508	Mathematics for Economists	2(2-0)
CA: 502	Computer Application for Social Sciences	3(3-0)
	Optional	3(3-0)

# Scheme of Studies

## 6. Department of Agriculture Extension

Course Code	Course Title	Credit Hours
AEE: 502	Agricultural Extension method	4(3-1)
AEE: 504	Computer application in agricultural extension	3(1-2)
AEE: 506	Psychology of adult learning	4(4-0)
AEE: 508	Human resource management	4(3-1)

## 6. Department of Food Technology

Course Code	Course Title	Credit Hours
FT: 502	Cereal Technology	3(2-1)
FT: 504	Technology of Fats & Oils	3(2-1)
FT: 506	Beverages Technology	3(2-1)
FT: 508	Food chemistry	3(2-1)
FT: 510	Bakery Products	3(2-1)

## 6. Department of Horticulture

Course Code	Course Title	Credit Hours
HOR: 502	Commercial fruit production	4(3-1)
HOR: 504	Commercial vegetable production	4(3-1)
HOR: 506	Introductory landscape Gardening	3(2-1)
HOR: 508	Post Harvest Horticulture	4(3-1)

# Scheme of Studies

## 6. Department of Plant Breeding & Genetics

Course Code	Course Title	Credit Hours
PBG: 502	Breeding Fiber Crops	3(2-1)
PBG: 504	Breeding sugar crops	3(2-1)
PBG: 506	Breeding Maize & millets	3(2-1)
PBG: 508	Biodiversity & plant Genetic resources	3(3-0)
PBG: 510	molecular Genetics	3(2-1)

## 6. Department of Plant Pathology

Course Code	Course Title	Credit Hours
PP: 506	Diseases of fruits and Ornamentals	3(2-1)
PP: 507	Diseases of Vegetable crops	3(2-1)
PP: 508	Seed & Post Harvest pathology	3(2-1)
PP: 509	Introduction to plant parasitic	3(2-1)
PP: 510	Plant diseases management	3(2-1)

# Scheme of Studies

## 6. Department of Soil Science

Course Code	Course Title	Credit Hours
SS: 502	Salt-affected Soil & water Quality	4(3-1)
SS: 504	Soil Fertility & Fertilizers	4(3-1)
SS: 506	Soil survey & land Evaluation	3(2-1)
SS: 508	Soil and water conservation	3(2-1)

## 6. Department of Entomology

Course Code	Course Title	Credit Hours
ENT-502	Insect physiology	3(2-1)
ENT-504	Insect Biodiversity and Evolution	3(2-1)
ENT-506	Agricultural Pests and their management	4(3-1)
ENT-508	Stored Product pests and their management	3(2-1)
ENT-506	Beneficial Insects	3(2-1)

## 7. Seventh Semester (Department of Agronomy)

Course Code	Course Title	Credit Hours
AGR: 605	Conservation Agronomy	3(2-1)
AGR: 607	Organic Farming	3(3-0)
AGR: 608	Irrigation Agronomy	3(2-1)
AGR: 609	Environment and Crop Production	3(2-1)
AEE: 610	Introduction to Research Methods	4(3-1)

# Scheme of Studies

## 7. Department of Agriculture Economics

Course Code	Course Title	Credit Hours
1	Elementary Production Economics	3(3-0)
2	Agribusiness Management	3(3-0)
3	Agricultural Finance	3(3-0)
4	Mathematics for Economists	2(2-0)
5	Computer Applications	3(1-2)
6	Optional	3(3-0)

## 7. Department of Agriculture Extension

Course Code	Course Title	Credit Hours
AEE: 609	Dyadic Communication	3(2-1)
AEE: 610	Introduction to Research Methods	4(3-1)
AEE: 611	Emerging issues in Agriculture & Technology Transfer	4(3-1)
AGR: 608	Irrigation Agronomy	3(2-1)



# Scheme of Studies

## 7. Department of Food Technology

Course Code	Course Title	Credit Hours
1	Food and Nutrition	
2	Food Safety	
3	Oils and fats technology	
4	Food analysis and sensory evaluation	
5	Dairy technology	

## 7. Department of Horticulture

Course Code	Course Title	Credit Hours
HOR: 601	Research Methods in Horticulture	4(3-1)
HOR: 603	Minor Fruits	3(2-1)
HOR: 605	Commercial Flower Production	3(2-1)
HOR: 607	Breeding of Horticultural Crops	4(3-1)

## 7. Department of Plant Breeding & Genetics

Course Code	Course Title	Credit Hours
PBG-601	Breeding Oilseed Crops	3(2-1)
PBG-603	Breeding Pulse Crops	3(2-1)
PBG-605	Breeding Vegetable Crops	3(2-1)
PBG-607	Modern Technologies in Plant Breeding	3(2-1)
PBG-609	Fundamentals of Plant Biometry	3(3-0)

# Scheme of Studies

## 7. Department of Plant Pathology

Course Code	Course Title	Credit Hours
PP: 604	Introductory Forest Pathology	3(2-1)
PP: 605	Plant Disease Diagnosis	3(1-2)
PP: 606	Plant Resistance to Disease	3(2-1)
PP: 607	Method and Resrarch Techniques in Plant Pathology	3(2-1)
PP: 608	Abiotic Diseases of Plants	3(2-1)
PP-610	Plant Disease Epidimiology	3(2-1)

## 7. Department of Soil Science

Course Code	Course Title	Credit Hours
SS: 601	Soil Microbiology	4(3-1)
SS: 604	Pollution in Soil Water Enviroment	3(3-0)
SS: 605	Environmental Pollution and Management	3(2-1)
AEE: 610	Introduction to Research Methods	4(3-1)

# Scheme of Studies

## 7. Department of Entomology

Course Code	Course Title	Credit Hours
ENT: 601	Integrated Pest Management	4(3-1)
ENT-603	Plant Resistance to Insect Pests	3(2-1)
ENT-605	Insecticide & their Application	4(3-1)
ENT-607	Range and Forest Entomology	3(2-1)
ENT-609	Agriculture and Environmental Pollution	3(2-1)

## 8. Eighth Semester

Course Title	Credit Hours
Internship	4(0-4)
Different courses will be offered by the respective department.	9

150

# Scheme of Studies For Post Graduate Program

# Scheme of Studies

## Compulsory Courses

Course Code	Course Title	Credit Hours
Stat-701	Statistical methods for agricultural research	3(3-0)
Bio-chem-701	Molecular Biology and Physical techniques	4(3-1)

## Department of Agronomy

Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit hours
AGR-701	Advanced Agronomy	3(2-1)	AGR-717	Herbicides in Plant and Soil Systems	3(2-1)
AGR-702	Applied Crop Ecology	3(3-0)	AGR-718	Integrated Agriculture	3(3-0)
AGR-703	Advanced Irrigation Agronomy	3(2-1)	AGR-719	Modern Concepts of Crop Production	3(2-1)
AGR-704	Agro-Environment Conservation	3(3-0)	AGR-720	Recent Advances in Agronomy	3(3-0)
AGR-705	Agro-meteorology	3(3-0)	AGR-721	Seed Physiology	3(2-1)
AGR-706	Allelopathy in Crop Production	3(2-1)	AGR-722	Seed Science and Technology	3(2-1)
AGR-707	Applied Conservation Agronomy	3(3-0)	AGR-723	Stress Agronomy 4(	4(3-1)
AGR-708	Arid Zone Agronomy	3(3-0)	AGR-724	Sustainable Agriculture	3(3-0)
AGR-709	Biological Crop Potential	3(3-0)	AGR-725	Water Relations in Plant	3(2-1)
AGR-710	Crop Environment	3(3-0)	AGR-726	Weed Management	3(2-1)
AGR-711	Crop Management on Problem Soils	4(3-1)	AGR-727	Climate Change and Agriculture	3(3-0)
AGR-712	Crop Modeling	3(2-1)	AGR-728	Special Problem 1(0-1)	1(0-1)
AGR-713	Crop Nutrition Management	3(2-1)	AGR-729	Seminar 1(0-1)	1(0-1)
AGR-714	Crop Production and Herbicides	4(3-1)	AGR-730	Thesis M.Sc. (Hons.) Agronomy 6(0-6)	6(0-6)
AGR-715	Farming and Cropping Systems	3(3-0)			
AGR-716	Field Crop Experimentation	4(3-1)			

# Scheme of Studies

## Department of Agricultural Extension

Course Code	Course Title	Credit Hours
AEE-701	Agricultural Extension Methods	3(2-1)
AEE-702	Program Planning	4(3-1)
AEE-703	Supervised Field Experience	3(0-3)
AEE-704	Monitoring and Evaluation in Agricultural Extension	4(3-1)
AEE-705	Communication Strategies in Agricultural Extension	4(3-1)
AEE-706	Advanced Research Methods	4(3-1)
AEE-707	Scientific and Technical Writing	4(3-1)
AEE-708	Applications of Information and Communication Technologies in Agricultural Extension	4(2-2)
AEE-709	Human Resource Development	3(2-1)
AEE-710	Community Development and Gender Issues	3(3-0)
AEE-711	International Agricultural Extension Systems	3(2-1)
AEE-712	Adult and Continuing Education	3(3-0)
AEE-713	Administration and Supervision in Agricultural Extension	4(4-0)
AEE-714	Special Problem	1(0-1)
AEE-715	Seminar	1(0-1)
AEE-716	Dissertation and Research	10(0-1)

# Scheme of Studies

## Department of Entomology

Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit hours
ENT-701	Research Methods in Entomology	3(2-1)	ENT-716	Insecticide and Public Health	2(2-0)
ENT-702	Origin and Phylogeny of Insects	3(3-0)	ENT-717	Advances in Biological Control of Insect Pests	3(2-1)
ENT-703	Environmental Entomology	2(2-0)	ENT-718	Advanced Insect Behaviour	3(2-1)
ENT-704	Advanced Insect Morphology	3(2-1)	ENT-719	Special Problem 1(1+0)	1(1-0)
ENT-705	Advanced Insect Ecology	3(2-1)	ENT-720	Seminar 1(1+0)	1(1-0)
ENT-706	Numerical Taxonomy	3(2-1)	ENT-721	Insecticides Application Equipment	3(2-1)
ENT-707	Advanced Insect Physiology and Embryology	3(2-1)	ENT-722	Advances in Pest Management Research	2(2-0)
ENT-708	Insect Molecular Biology	3(2-1)	ENT-723	Insect Cytogenetics and Cytotaxonomy	3(2-1)
ENT-709	Insecticide Resistance and Management	3(2-1)	ENT-724	Insect Pathology	3(2-1)
ENT-710	Insects in Relation to Plant Diseases	3(2-1)	ENT-725	Insect Biochemistry	3(2-1)
ENT-711	Medical and Veterinary Entomology	3(2-1)	ENT-726	Chemical Ecology	2(2-0)
ENT-712	Acarology	3(2-1)			
ENT-713	Classification of Immature Insects	3(2-1)			
ENT-714	Insecticide Toxicology	3(2-1)			
ENT-715	Insect Nutrition	2(1-1)			

# Scheme of Studies

## Department of Horticulture

Course Code	Course Title	Credit Hours
Hort- 701	Advanced Fruit Science	3(2-1)
Hort- 702	Advanced Vegetable Science	3(2-1)
Hort- 703	Vegetable Breeding	3(2-1)
Hort- 704	Fruit Breeding	3(2-1)
Hort- 705	Mineral Nutrition of Horticultural Crops	3(2-1)
Hort- 706	Plant Growth Regulators	3(2-1)
Hort- 707	Post-Harvest Physiology	3(2-1)
Hort- 708	Landscape Designs	3(2-1)
Hort- 709	Plant Tissue Culture	3(1-2)
Hort- 710	Environmental Horticulture	3(2-1)
Hort- 711	Prospective Horticultural Crops	3(2-1)
Hort- 712	Special problem	1(1-0)
Hort- 713	Seminar	1(1-0)
Hort- 714	Research and Thesis	6(0-6)



# Scheme of Studies

## Department of Plant Pathology

Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit hours
1	Fungal Systematics	3(2-1)	13	Insects in Relation to Plant Diseases	3(2-1)
2	Fungal Plant Pathology	3(2-1)	14	Forest and Shade Tree Pathology	3(2-1)
3	Plant Virology	3(2-1)	15	Urban Plant Pathology	3(2-1)
4	Plant Bacteriology	3(2-1)	16	Plant Quarantine and SPS measures	3(2-1)
5	Plant Nematology	3(2-1)	17	Advances in Plant Pathology	3(2-1)
6	Ecology and Epidemiology of Plant Diseases	3(2-1)	18	Molecular Plant Virology	3(2-1)
7	Biochemistry and Physiology of Diseased Plants	3(2-1)	19	Molecular Plant Microbe Interactions	3(2-1)
8	Genetics of Plant Pathogens	3(3-0)	20	Biological Control of Plant Pathogens	3(2-1)
9	Seed Pathology	3(2-1)	21	Special Problem	1(1-0)
10	Integrated Plant Disease Management	3(2-1)	22	Seminar-I (M Sc (H) Thesis)	1(1-0)
11	Post Harvest Pathology	3(2-1)	23	Research Thesis (M Sc (H))	10(0-10)
12	Biology and Cultivation of Edible Fungi	3(2-1)			



# Balochistan Agriculture College, Quetta

ROLL NO. SLIP (Office copy)

ENTRY TEST

ADMISSION B.SC.(HONS.) / M.Sc.(Hons.) AGRICULTURE

SESSION 2015-2018

TO BE FILLED IN BY THE CANDIDATE

Roll No: \_\_\_\_\_

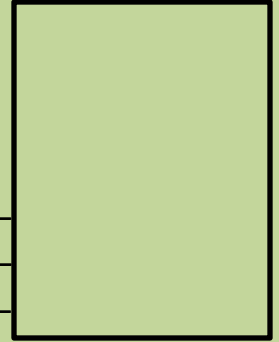
Name: \_\_\_\_\_

Father's Name: \_\_\_\_\_

District: \_\_\_\_\_ Local/Domicile \_\_\_\_\_

Date: \_\_\_\_\_

Registrar



# Balochistan Agriculture College, Quetta

ROLL NO. SLIP (Student copy)

ENTRY TEST

ADMISSION B.SC.(HONS.)/M.Sc.(Hons.) AGRICULTURE

SESSION 2015-2018

TO BE FILLED IN BY THE CANDIDATE

Roll No: \_\_\_\_\_

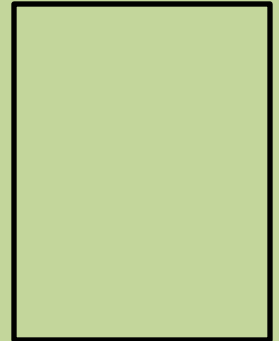
Name: \_\_\_\_\_

Father's Name: \_\_\_\_\_

District: \_\_\_\_\_ Local/Domicile \_\_\_\_\_

Date: \_\_\_\_\_

Registrar





# **Balochistan Agriculture College, Quetta.**

**Chaman Road, Baleli, Quetta.**

**Tel: +92 81 2881214, 2880739**

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