

POSTGRADUATE PROSPECTUS 2025-26



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DISCLAIMER

The information provided in this prospectus of the Cholistan University of Veterinary & Animal Sciences, Bahawalpur (CUVAS) has been prepared for general guidance and reference only. While every effort has been made to ensure accuracy and completeness at the time of publication, the University reserves the right to make changes in policies, academic programs, courses, faculty, rules, regulations, or any other content without prior notice. CUVAS shall not be held responsible for any loss, inconvenience, or consequences resulting from the use of information contained in this prospectus. The contents do not constitute a legal contract between the University and any individual. Errors and omissions are expected.

MESSAGE OF THE VICE CHANCELLOR

It is my great pleasure to welcome you to the Cholistan University of Veterinary & Animal Sciences (CUVAS). Our university is committed to excellence in teaching, research, and community service, with a strong focus on advancing Pakistan's livestock and agriculture sectors. Agriculture contributes nearly 20% to the national GDP, and within it, livestock is the backbone, adding more than half of the value, supporting millions of rural households, and driving economic growth. Pakistan ranks among the world's top producers of livestock, poultry, and dairy, which highlights the immense opportunities for innovation and development in this sector. CUVAS is proud to play a leading role by offering high-quality degree programs, modern research facilities, advanced technology centers and practical services that bridge academia with industry. Our aim is to equip students with knowledge, skills, and values that will enable them to become leaders, innovators, and entrepreneurs in veterinary and animal sciences. We believe in research-driven teaching and in building strong collaborations with industry and communities. Through our efforts, CUVAS aspires to become a game-changer for the livestock sector of South Punjab and the whole nation by contributing to food security, poverty reduction, and sustainable economic development. I warmly invite you to join us at CUVAS and be part of a vibrant academic journey that not only shapes your career but also contributes to the prosperity and well-being of our society.



**Prof. Dr. Muhammad Mazhar Ayaz
(Vice Chancellor)**

MESSAGE OF THE DIRECTOR ADVANCED STUDIES

The Directorate of Advanced Studies at Cholistan University of Veterinary and Animal Sciences is committed to promoting high-quality postgraduate education and research in veterinary medicine, animal sciences, and allied fields. We operate in line with the guidelines of the Higher Education Commission of Pakistan and other relevant councils, ensuring that our programs meet the highest academic and professional standards. Located within the administrative block, our office serves as the central resource for postgraduate students. We provide guidance and support at every stage of their academic journey, from coursework and research planning to professional development and career pathways. This prospectus introduces our accredited M.Phil. and Ph.D. programs, outlines the vision and mission of the Directorate, and highlights the facilities and opportunities available to our students. These include capacity building through workshops, seminars, training sessions, and research assistantships, as well as the chance to contribute to impactful publications and scientific exchange. Our goal is to prepare graduates who are capable of independent research, higher education, and leadership roles in academia, research & development, and industry – both in Pakistan and abroad. We warmly invite you to explore the opportunities within these pages and become part of the vibrant postgraduate community at CUVAS.



D. Tariq Abbas
Director Advanced Studies

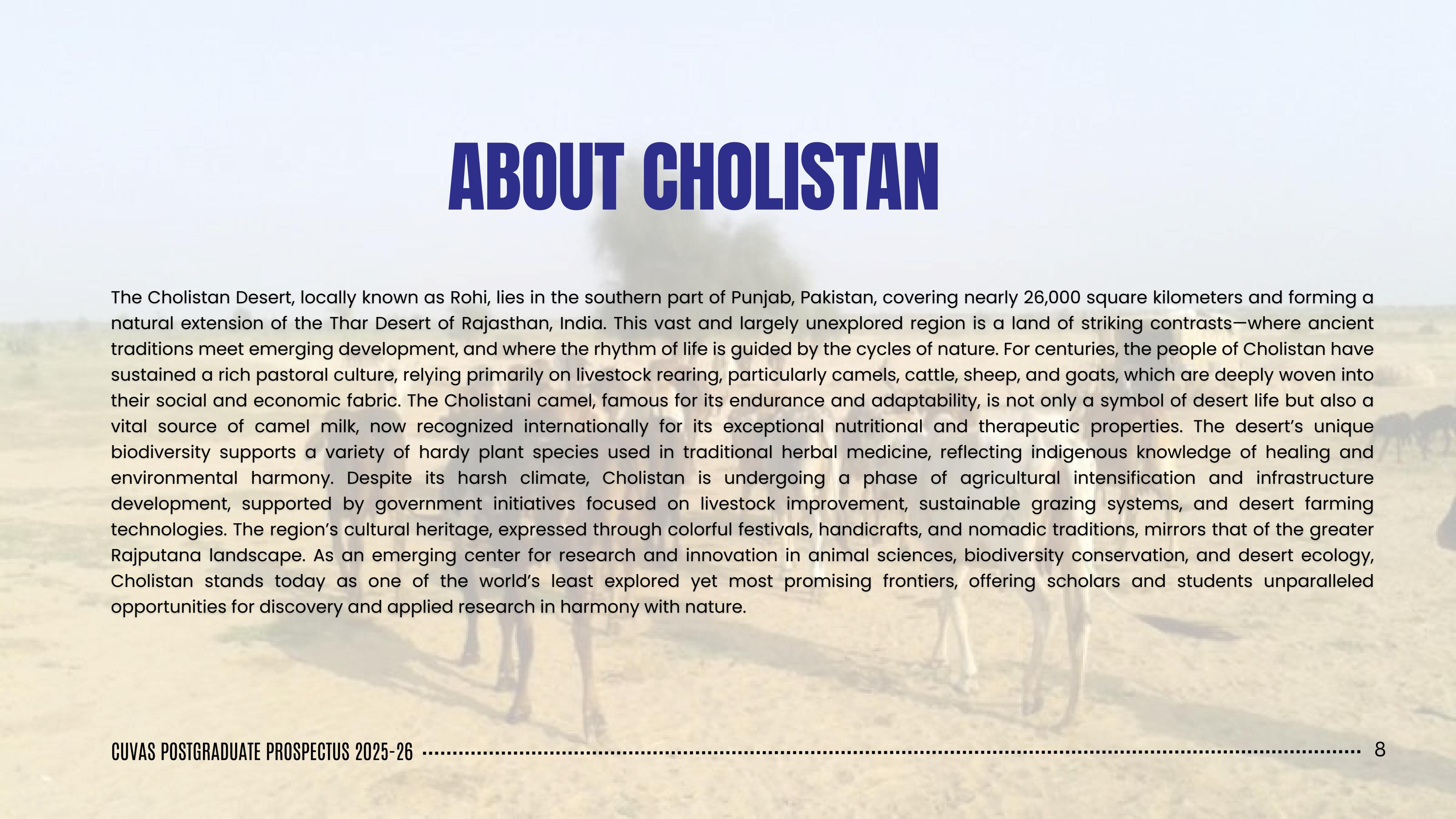
ABOUT CUVAS

Cholistan University of Veterinary and Animal Sciences, Bahawalpur (CUVAS) is an HEC recognized institution, started its academic activities in 2015. Since then, the University has made rapid progress in terms of expansion of its academic programs, students' enrollment, physical infrastructure, campus network and hiring of highly qualified and experienced academic and administrative staff. As a matter of fact, CUVAS is one of the fastest growing academic institution of Pakistan. The main campus of the University is located Near DHA, Bahawalpur. The campus include Academic Block I, Academic Block II, Veterinary Teaching Hospital (VTH), Library and Sports complex. After successful possession of the 200 acres of allotted land at Bahawalpur, the construction work of University buildings including Academic Block, Administration Block, Girls and Boys hostels, Faculty and Staff residences etc. has been completed. For carrying out veterinary research activities the University has established cattle farms at the main campus. Over the years, the University has introduced several new degree programs to provide multidisciplinary education to students. Besides Bachelors level degree programs in Veterinary, Biosciences, Computer Science and Business administration, the University also offers short courses. The University has also started BS in Human Nutrition and Dietetics, BS in Poultry Science, BS in Bioinformatics. The University has strengthened its teaching resources by hiring new qualified faculty through regular and IPFP appointments through a transparent and rigorous process of recruitment. The administrative offices have also possess qualified and experienced staff members to provide necessary support to the University for carrying out its functions. The Office of Research Innovation and Commercialization (ORIC) is working for capacity building to enhance research activities.

ABOUT BAHAWALPUR

Bahawalpur, founded in 1748 by Nawab Bahawal Khan I, served as the capital of the former princely state ruled by the Abbasi family until 1955. Rich in history, the region preserves remnants of the Indus Valley Civilization, Buddhist heritage such as Patan Minara, and the legacy of Uch Sharif's Sufi shrines. The Nawabs left behind a wealth of architectural splendour, including palaces and forts that reflect the city's royal past. Today, Bahawalpur is also recognised for its educational institutions, notably Quaid-e-Azam Medical College, established in 1971, Cholistan University of Veterinary and Animal Sciences, Bahawalpur, The Islamia University of Bahawalpur and The Government Sadiq College Women University Bahawalpur. Situated on the edge of the Cholistan Desert, the city is the gateway to Lal Suhana National Park, home to diverse wildlife and rich flora, including desert vegetation and rare species such as blackbucks and chinkaras, highlighting the region's ecological importance. Upon the Partition of British India in 1947, princely states were given the choice to accede to either Pakistan or India. The State of Bahawalpur acceded to Pakistan on 7 October 1947 under Nawab Sadiq Muhammad Khan Abbasi V Bahadur. In modern times, Bahawalpur continues to be an important educational and cultural centre. The Quaid-e-Azam Medical College, established in 1971, stands as a prominent institution of higher learning.

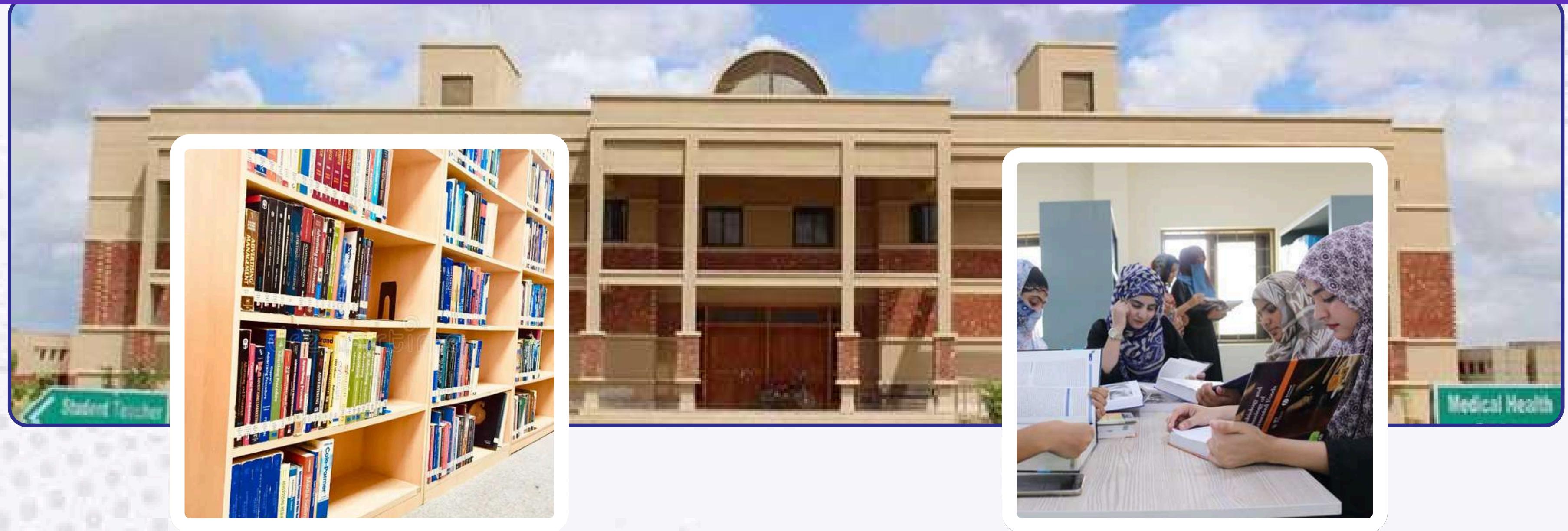
ABOUT CHOLISTAN



The Cholistan Desert, locally known as Rohi, lies in the southern part of Punjab, Pakistan, covering nearly 26,000 square kilometers and forming a natural extension of the Thar Desert of Rajasthan, India. This vast and largely unexplored region is a land of striking contrasts—where ancient traditions meet emerging development, and where the rhythm of life is guided by the cycles of nature. For centuries, the people of Cholistan have sustained a rich pastoral culture, relying primarily on livestock rearing, particularly camels, cattle, sheep, and goats, which are deeply woven into their social and economic fabric. The Cholistani camel, famous for its endurance and adaptability, is not only a symbol of desert life but also a vital source of camel milk, now recognized internationally for its exceptional nutritional and therapeutic properties. The desert's unique biodiversity supports a variety of hardy plant species used in traditional herbal medicine, reflecting indigenous knowledge of healing and environmental harmony. Despite its harsh climate, Cholistan is undergoing a phase of agricultural intensification and infrastructure development, supported by government initiatives focused on livestock improvement, sustainable grazing systems, and desert farming technologies. The region's cultural heritage, expressed through colorful festivals, handicrafts, and nomadic traditions, mirrors that of the greater Rajputana landscape. As an emerging center for research and innovation in animal sciences, biodiversity conservation, and desert ecology, Cholistan stands today as one of the world's least explored yet most promising frontiers, offering scholars and students unparalleled opportunities for discovery and applied research in harmony with nature.

FACILITIES

LIBRARY



SPORTS COMPLEX



RESEARCH INSTITUTE OF LIVESTOCK NUTRITION & FORAGE RESEARCH



The image shows a modern, single-story building with a light beige facade and a red brick base. It features a central entrance with a dark wooden double door and a small porch. There are several windows with dark frames and brick pilasters. A blue speech bubble graphic contains the text "RESEARCH INSTITUTE OF LIVESTOCK NUTRITION & FORAGE RESEARCH".



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Dr. Imtiaz Hussain Raja

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TRANSPORT



BOYS HOSTELS

HOSTEL-1



HOSTEL-2



GIRLS HOSTEL



AUDITORIUM



DAY CARE CENTER



FOOD PROCESSING UNIT



1ST CONVOCATION



CUVAS MOSQUE

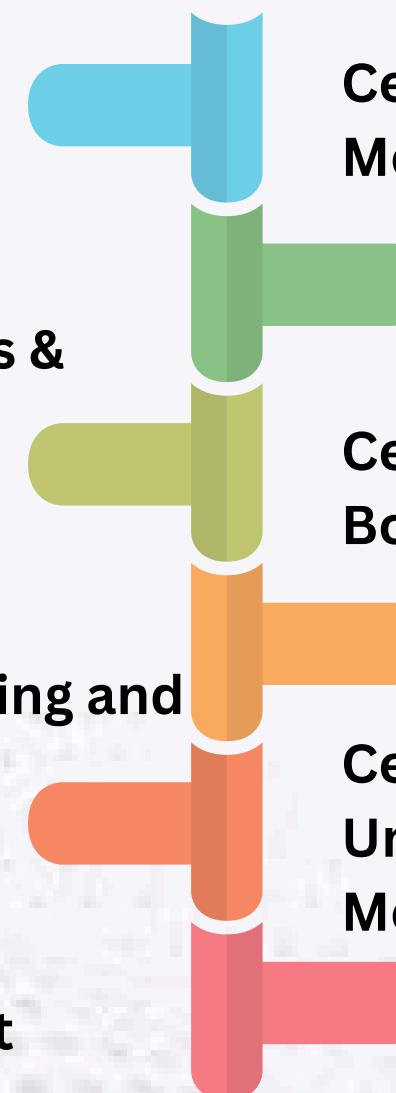


UNIVERSITY OFFICIAL LINKAGES TO SUPPORT YOUR RESEARCH



SPECIALIZED CENTERS

Center for Artificial Intelligence



Center for Complementary Medicines

Center for Venomous & Toxicology Research

Center for Vector & Vector-Borne Diseases

Dairy Animals Teaching and Research Center

Center of Excellence for Acupuncture Unani Medicine and Ethnovet. Medicine

Food Processing Unit

HITEC-Postgraduate Laboratory



Nano-Nutraceuticals Lab.

National Center for Livestock Breeding Genetics and Genomics

Semen Production Unit

Lab. Animal House

Nexgen Software Incubation Center

One Health Laboratory

INSTITUTES OF CUVAS

01

02

03

04

Cholistan Institute of Biological Sciences (CIBS)

Cholistan Institute of Business Administration (CIBA)

Institute of Continuing Education & Extension (ICE&E)

Research Institute of Livestock Nutrition & Forage Research (RILN&FR)

POSTGRADUATE HIGHLIGHTS

GLOBAL OUTLOOK, LOCAL STRENGTH

- Faculty with foreign PhDs & global research expertise.
- Technical collaboration with Selçuk University, Turkey.
- Supported by the Government of Punjab, Livestock & Dairy Department.
- Internationally aligned research centers: One Health, Artificial Intelligence & more.

UNIQUE LOCATION ADVANTAGE

- Situated in Bahawalpur, near DHA.
- Gateway to Cholistan desert ecosystem & livestock diversity.
- Specialized focus on desert & arid-zone veterinary challenges.
- A true hub “Where Culture Meets Science.”



POSTGRADUATE PROGRAMS

M.Phil. Programs

- M.Phil. Animal Breeding & Genetics | M.Phil. Animal Nutrition | M.Phil. Poultry Science | M.Phil. Pathology | M.Phil. Zoology | M.Phil. Microbiology | M.Phil. Fisheries & Aquaculture | M.Phil. Food Science & Technology



Ph.D. Programs

- Ph.D. Animal Breeding & Genetics | Ph.D. Animal Nutrition | Ph.D. Pathology | Ph.D. Food Science & Technology | Ph.D. Zoology | Ph.D. Microbiology | Ph.D. Pharmacology & Toxicology

Professional Pathways

- Postgraduate Diploma in Bioinformatics
- Industry-based training & extension programs



TEACHING, RESEARCH & INNOVATION

- Modern laboratories & diagnostic centers.
- Specialized livestock & poultry farms for hands-on training.
- Emphasis on applied research with global impact.
- Scholarships, assistantships, and career-focused placements.

CAMPUS & STUDENT LIFE

- Fully digital Campus Management System.
- Safe, inclusive, and multicultural environment.
- 24/7 health, security, transport & Wi-Fi services.
- Vibrant societies, research groups, and student support.



CONTRIBUTION TO SOCIETY & INDUSTRY

- Strengthening Pakistan's livestock & poultry sectors.
- Supporting rural livelihoods & food security.
- Partnering with industry for innovation & growth.
- Training professionals for local & international leadership.



THE CUVAS ADVANTAGE

At CUVAS, postgraduate students don't just study – they innovate, collaborate, and lead. With global exposure, modern facilities, and a unique research ecosystem, CUVAS equips graduates to shape the future of veterinary and life sciences in Pakistan and beyond.





UNIVERSITY ADMINISTRATION

WWW.CUVAS.EDU.PK

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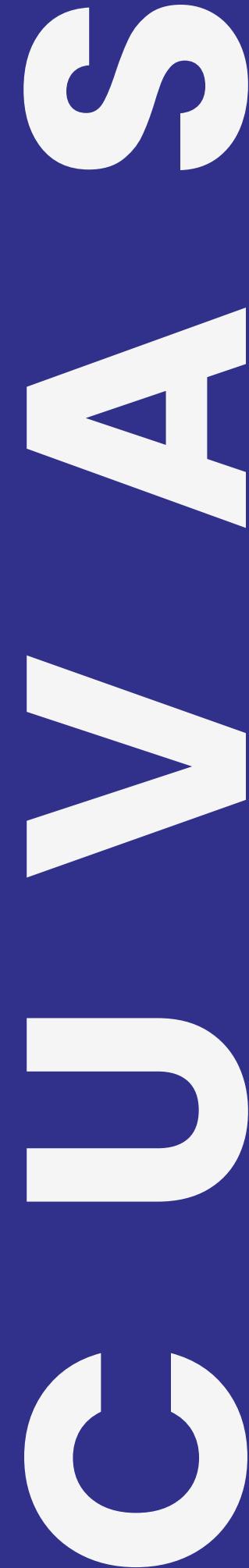
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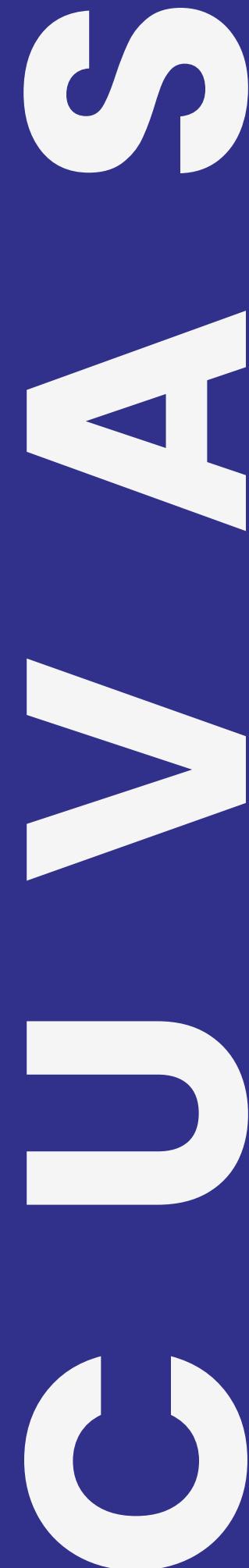
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Sanila Sahar



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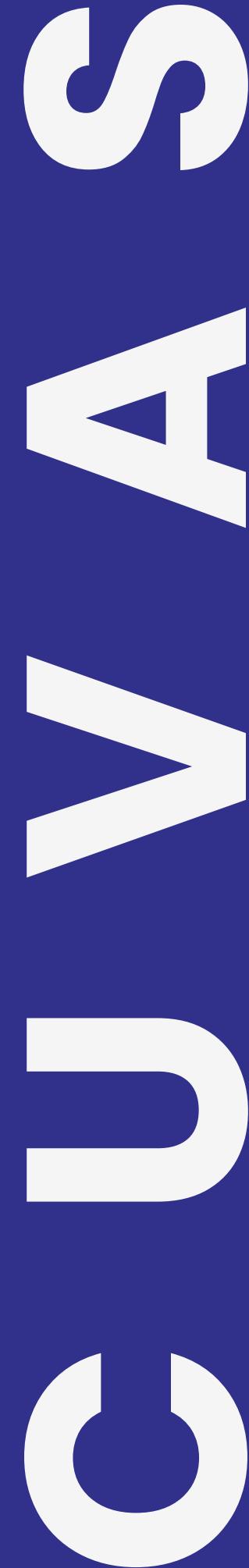
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Mr. Shahzad Iqbal



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Mr. Nadeem Hussain



Store Keeper



.....



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ELIGIBILITY CRITERIA FOR ADMISSION IN M.PHIL. DEGREE PROGRAMS

RELEVANT QUALIFICATION FOR ADMISSION IN MPHIL DEGREE PROGRAMS

Degree / Discipline	Program Type	Duration (Semesters)	Admission / Eligibility Criteria	Eligibility (CGPA / Division)
M.Phil. Animal Breeding and Genetics	Regular / Part-time	4 (Min) / 8 (Max)	DVM or 16 years of education in Animal Husbandry, Animal Sciences, Agriculture (major in Animal Sciences), Poultry Science, Dairy Science, or equivalent/related degree. Deficiency courses may be required.	50% Marks or 2.5 CGPA (out of 4.0)
M.Phil. Animal Nutrition	Regular / Part-time	4 (Min) / 8 (Max)	B.Sc. (Hons.) / B.S. / M.Sc. in Animal Sciences, Poultry Science, Dairy Science, Human Nutrition, DVM, MBBS, or Agriculture (Animal Sciences major).	50% Marks or 2.5 CGPA
M.Phil. Biochemistry	Regular / Part-time	4 (Min) / 8 (Max)	B.Sc. (Hons.) / B.S. / M.Sc. in Biochemistry, Chemistry, or Microbiology. Equivalent 16 years of study subject to equivalence or deficiencies decided by the relevant Board of Studies.	50% Marks or 2.5 CGPA
M.Phil. Bioinformatics	Regular / Part-time	4 (Min) / 8 (Max)	16 years of education in Bioinformatics, Biosciences, Genetics, Biotechnology, Molecular Biology, Computer Sciences, MBBS, D. Pharmacy, Animal Sciences, Poultry Sciences, Agricultural Sciences, Biochemistry, or Zoology. Must have 50% marks or 2.5/4.0 CGPA and pass CUVAS Admission Test or HEC-approved GAT.	50% Marks or 2.5 CGPA
M.S. Business Administration	Regular / Part-time	4 (Min) / 8 (Max)	16 years (minimum 120 credit hours) of education in Business or related disciplines such as Management, Administration, Accounting & Finance, Banking & Finance, or Commerce. Admission test and interview required. Must qualify CUVAS Entry Test or GAT/HAT General with at least 50% marks.	50% Marks or 2.5 CGPA
M.Phil. Chemistry	Regular / Part-time	4 (Min) / 8 (Max)	B.Sc. (Hons.) / B.S. / M.Sc. in Chemistry or Biochemistry. Equivalent 16 years of education subject to equivalence/deficiencies by the Board of Studies.	50% Marks or 2.5 CGPA
M.Phil. Fisheries & Aquaculture	Regular / Part-time	4 (Min) / 8 (Max)	B.S. / M.Sc. in Fisheries & Aquaculture, Zoology, Wetland Management, Wildlife & Ecology, Animal Sciences, Veterinary Sciences (DVM), Biological Sciences or related disciplines.	60% Marks or 2.5 CGPA

RELEVANT QUALIFICATION FOR ADMISSION IN MPHIL DEGREE PROGRAMS

Degree / Discipline	Program Type	Duration (Semesters)	Admission / Eligibility Criteria	Eligibility (CGPA / Division)
M.Phil. Food Science & Technology	Regular / Part-time	4 (Min) / 8 (Max)	B.S. in Food Science & Technology, Agriculture (Food Tech major), Food Science & Nutrition, or Dairy Technology. Equivalent 16 years of education (subject to equivalence and deficiencies).	50% Marks or 2.5 CGPA
M.Phil. Livestock Management	Regular / Part-time	4 (Min) / 8 (Max)	B.Sc. (Hons.) / B.S. / M.Sc. in Livestock Management, Animal Husbandry, Animal Sciences, Dairy Science, Food Science & Nutrition, or DVM.	50% Marks or 2.5 CGPA
M.Phil. Microbiology	Regular / Part-time	4 (Min) / 8 (Max)	B.Sc. (Hons.) / B.S. in Food Science & Nutrition, Biological, Animal, or Medical Sciences; M.Sc. in the same fields.	50% Marks or 2.5 CGPA
M.Phil. Pathology	Regular / Part-time	4 (Min) / 8 (Max)	MBBS, BDS, BEMS, BS (4 years), DPT, MLT, Applied Microbiology, DND, Animal Sciences, Animal Husbandry, or other relevant degrees with Pathology courses. (DVM currently not eligible)	50% Marks or 2.5 CGPA
M.Phil. Pharmacology & Toxicology	Regular / Part-time	4 (Min) / 8 (Max)	Pharm-D, B-Pharmacy, MBBS, BDS, BEMS, DPT, MLT, DNS, BS (4 years) in Physiology, Microbiology, Nursing, Environmental Sciences, Animal Sciences, Biochemistry, or related disciplines. (DVM not currently eligible until PVMC approval)	50% Marks or 2.5 CGPA
M.Phil. Poultry Science	Regular / Part-time	4 (Min) / 8 (Max)	B.Sc. (Hons.) / B.S. / M.Sc. in Animal Husbandry, Animal Sciences, Poultry Science, Agriculture (Animal Science major), or DVM.	50% Marks or 2.5 CGPA
M.Phil. Zoology	Regular / Part-time	4 (Min) / 8 (Max)	B.Sc. (Hons.) / B.S. / M.Sc. in Zoology, Animal Biochemistry, Animal Biotechnology, Environmental Sciences (with Zoology), or equivalent degree.	50% Marks or 2.5 CGPA



ELIGIBILITY CRITERIA FOR ADMISSION IN PH.D. DEGREE PROGRAMS

RELEVANT QUALIFICATION FOR ADMISSION IN PHD DEGREE PROGRAMS

Degree / Discipline	Program Type	Duration (Semesters)	Admission / Eligibility Criteria	Eligibility (CGPA / Division)
Ph.D. Animal Nutrition	Regular / Part-time	6 (Min) / 12 (Max)	M.Phil. / M.Sc. (Hons.) in Animal Sciences or Veterinary Sciences from HEC-recognised institutions.	3.00 CGPA or higher
Ph.D. Food Science and Technology	Regular / Part-time	6 (Min) / 12 (Max)	M.Sc. (Hons.) in Food Science & Technology, Human Nutrition and Dietetics, Food Technology, Food and Nutrition, Home Economics (Food and Nutrition major), Dairy Science and Technology, Food Safety and Quality Management, or Food Service Management. Deficiency courses may apply as decided by the Board of Studies.	3.00 CGPA (out of 4.00)
Ph.D. Microbiology	Regular / Part-time	6 (Min) / 12 (Max)	M.Phil. in Microbiology, Molecular Biology & Biotechnology, Medical Sciences, Biological Sciences, Zoology, Allied Sciences, Forensic Science, or an equivalent degree in a relevant field from an HEC-recognised university. GRE (Subject) test by HEC or University is mandatory.	60% Marks or 3.00 CGPA
Ph.D. Pathology	Regular / Part-time	6 (Min) / 12 (Max)	M.Phil. / M.S. in Pathology, Medical Sciences, or Allied Health Sciences with relevant coursework in Pathology. (Veterinarians are currently not eligible to apply.)	60% Marks or 3.00 CGPA
Ph.D. Pharmacology and Toxicology	Regular / Part-time	6 (Min) / 12 (Max)	M.Phil. in Biological Sciences, Medical and Allied Health Sciences, or Animal Sciences.	3.00 CGPA or equivalent
Ph.D. Zoology	Regular / Part-time	6 (Min) / 12 (Max)	M.Phil. / M.S. in Zoology, Animal, Veterinary, or Medical Sciences from HEC-recognised institutions.	60% Marks or 3.00 CGPA



M.PHIL. RULES & REGULATIONS

Duration and requirements of the Course/Semester:

1. Semester duration and medium of instructions

- 1.1. The duration for the degree of M.Phil. shall not be less than four and more than eight semesters in full residence, and not less than six and more than eight semesters for university employees admitted as part-time students. In case a student is unable to complete the M.Phil. degree within the prescribed timeframe and requests an extension, the Vice Chancellor may constitute “Fact-Finding Committee” to determine the causes of delay. In the event of force majeure (i.e., delays due to circumstances beyond the student’s control), the ASRB may approve an extension in accordance with the duration-limiting factors based on the report of the Fact-Finding Committee. The University shall also take corrective measures if the delay is due to procedural or administrative reasons (ASRB-7).
- 1.2. The medium of instruction and examination shall be English
- 1.3. The supervisors of M.Phil. students shall submit a progress report of each student at end of 3rd semester. Such report shall be submitted on prescribed form to ASRB through the chairman of the Department/Dean concerned (ASRB-3).

2. Semester breakup

- 2.1. There shall be 2 semesters (Fall and Spring) of 19 weeks each and a summer session of 8 to 10 weeks in each academic year. The commencement of semesters shall be regulated by the Academic Council.

Explanation: Out of 19 weeks, 16 weeks shall be actual teaching time; the rest may be utilized for enrolment, conduct of examinations and declaration of results, etc.

- 2.2. (i) Summer session (8 to 10 weeks each year) shall be optional. Students who desire to take deficiency courses, failed courses and the courses in which they are allowed to improve grades (grade “C”) under the rules, may be enrolled during this session. It shall not count towards residential requirements. Moreover, the students improving Grade “C”

in summer session will be required to take permission from the concerned Chairman and the Dean.

(ii) In Summer session, extensive classes will be arranged to compensate the normal study course of a regular semester and 75% attendance in theory and practical separately for each course, shall be observed.

3.The subjects of study for M.Phil. degree

The subjects of study for the M.Phil. may be amended from time to time. The candidate must, in addition to completing his/her approved Course Work, present an acceptable thesis based on his/her approved program of research.

4.Required course work

For the award of M.Phil. degree, candidates will have to complete minimum 30 credit hours including 6 credit hours from research/thesis opting 2nd option in the HEC flow chart given for M.Phil. students. This will exclude the credits required for rectifying course deficiency, if any, in at least four semesters.

5.Compulsory courses:

- 5.1. Statistics course titled; "Experimental Statistics" will be taught as compulsory minor course having credit hour value 3(3-0).
- 5.2. Biochemistry course "Experimental Biochemistry" will be taught as compulsory minor course having credit hour value 2(0-2).
- 5.3. The Course No. of all M.Phil. courses will commence from 701 preceded by the first four alphabets of the name of the Department. The course codes for minor compulsory courses, Experimental Statistics and Experimental Biochemistry, will be STAT-701 and BIOC-701, respectively. The course codes for seminar and Research and Thesis will be XXXX-749 and XXXX-750, respectively. Moreover, the codes of M. Phil courses must be finished up to 750.

5.4. There will be one credit value of seminar. The student will deliver seminar 1(1-0) based on his synopsis in front of seminar committee approved by the Dean/Director of concerned faculty/institute. He/she must qualify the seminar.

Category	Courses	Credit hours
Major	Major department courses	12
Major compulsory	Seminar	1
Major Sub total		13
Minor	Minor departmental courses	6
Minor compulsory course	Experimental Statistics 3(3-0)	3
Minor compulsory course	Experimental Biochemistry 2(0-2)	2
Minor Sub total		11
Research	Research & Thesis	6
Total		30

REGULATIONS

Admission to the Course:

1. Sixteen years of schooling or 4-year education after HSSC/F.Sc/Grade-12 equivalent (credit hours as per HEC limits), (at least 124-160 credit hours) (ASRB-3). will be required for admission in the M.Phil. program with at least 50% marks (under annual system) or with Cumulative Grade Point Average (CGPA) of 2.50/4.00 (under semester system) from a recognized institution, in a field of study relating to the subject he/she desires to take up.

- 1.1. A teacher/researcher of this University (permanent, temporary, adhoc or on contract basis) considered for admission as part time student, will be allowed to enroll maximum of two courses and one seminar in a semester and with the payment of prescribed university dues (as approved by the Finance & Planning Committee). In case, he/she intends to take maximum credit hours allowed to a full time student then he/she will have to take leave from the University and pay full University dues.
- 1.2. The administrative staff of this University (permanent, temporary, adhoc or on contract basis) considered for admission as part time student only under Evening program (ASRB-3), will be allowed to enroll maximum of two courses per semester with the payment of prescribed university dues (as approved by the Finance and Planning Committee). In case, he/she intends to take maximum credit hours allowed to a full time student, or intends to take courses under morning program then he/she will have to take leave from the University and will pay full university dues.
- (i) The admission to a degree program shall be approved by the Director Advanced Studies and Research (DASR).
- (ii) Lists of selected candidates would be displayed by the concerned department and if needed subsequent lists would be displayed till the last seat is filled up.

Explanation: The last list would be displayed keeping in view that 75% attendance in lectures would not suffer.

2. The GAT-General (www.nts.org.pk/gat/gat.asp) conducted by the National Testing Service with a minimum 50% cumulative score will be required at the time of admission to M.Phil. The GAT-General test is valid for a period of two years. If GAT-General test is not available, then candidate will have to qualify University Admission Test. The University Committee consisting of at least 2 PhD faculty members approved by concerned Dean/Director will conduct the test at par with NTS and qualifying score for this will be 50%.

The University will:

- a) conduct a rigorous admission test as an eligibility condition for admission to MS/MPhil/Equivalent programs, with a passing score of 50%. The University Committee consisting of at least 2 PhD faculty members approved by concerned Dean will conduct the test OR
- b) Accept GRE/HAT General/Equivalent tests, with a passing score of 50% (ASRB-4).

- 3. If the schedule of courses pursued by a candidate for his/her bachelor's degree does not provide adequate background for the M.Phil. course/program which he/she intends to take up, he/she may be required to rectify the deficiency by taking one or more additional courses.
- The intradisciplinary admission may only be allowed, if the applicant has passed GRE-Subject/equivalent test with minimum 50% marks in the discipline of admission and has taken 6-9 CH of deficiency courses of level 6. The admission committee is satisfied that the applicant's knowledge of primary area (level 6) has sufficiently prepared him or her to undertake the course of studies of the MS/MPhil/equivalent program (or, in the opinion of the admission committee, the preparation can be deemed satisfactory by taking a few additional courses after starting the program) (ASRB-3).
- 4. Candidates may be admitted at the beginning of the Semester-I/II. If a candidate fails to enroll, his/her admission shall stand cancelled.
- 5. The Advanced Studies and Research Board (ASRB) may refuse admission of a student with minor penalty reported during preceded Program/institute may be put on probation for two semesters. His/her admission may be cancelled on commitment of any misconduct during probation period. The students who receive major penalties during their undergraduate studies, will not be granted admission to M.Phil. However, they will be eligible for admission to MPhil courses after a lapse of four years, on the recommendations of the ASRB.
- 6. A candidate admitted to a degree program shall, far so long as he/ she has not submitted final thesis, have to enrol for each semester. A student may discontinue enrolled semester before commencement of the final examination with the permission of the Vice Chancellor obtained through the DASR on the recommendations of Dean/Director and, on account of sickness by Bahawal Victoria/any other government hospital or due to circumstances beyond his/her control.

Explanation: Candidates so permitted to discontinue will be allowed to resume their studies by the recommendation of Dean/Director/Principal and will be notified by the DASR.

Explanation: The period of discontinuation of the semester will not be counted toward his/her residential

major field of study will be designated as Chairman of the Supervisory Committee. Faculty members of relevant disciplines from CUVAS may be included as a supervisor/member in the Supervisory Committee (ASRB-3).

Explanation: Supervisory Committee may be revised in case of transfer/any special circumstances/retirements of any member of Supervisory Committee in consultation with the Chairman of the concerned Department through Dean and subsequent approval of DASR is also required. Moreover, allotment of supervisors should be done within 8 weeks after the commencement of the first semester.

- 9.1. The course work and research title of a student should be approved through the respective Departmental Board of Studies during 2nd semester for subsequent submission to the office of DASR.
- 9.2. The synopsis of the thesis must be submitted before the end of third semester.
- 9.3. In case, a student duly recommended by the Chairman and Dean/ Director concerned to conduct his/her complete/part of thesis research in other institution/ laboratory, is allowed to take the helping scientist as Co-supervisor on the supervisory committee of the student.
- 9.4. Following faculty members may act as supervisors:
 - (i) The regular/contract/adhoc MPhil (ASRB-6) faculty member may act as supervisor.
 - (ii) The Professor Emeritus may act as supervisor/member of supervisory committee of postgraduate students if he/she is stationed at CUVAS.
 - (iii) Foreign Faculty members, HEC National Professors/HEC eminent scientists may act as supervisor/member of the supervisory committee provided that they are appointed for three years at CUVAS.
 - (iv) Retired teachers of CUVAS may continue as supervisor/member of the supervisory committee to their previous postgraduate students if they had supervised the students up to the approval of the synopsis. However, on re-employment for three years, they may be given supervision of a new student.

(v) Adhoc/contract teachers may act as supervisor/member of the supervisory committee only where there is shortage of regular faculty members. Faculty on Tenure Track System (TTS) at CUVAS will be considered as regular faculty for the subject purpose.

10. Each enrolled student must have to submit course work along with the enrolment of 2nd semester for approval from DASR. In case of change in course work the student must resubmit the revised course work.

11. A student who is enrolled for a course shall not be allowed, to add a new course or substitute a course for another after the expiry of 20 days from the commencement of the semester, but he/she may be permitted, on the recommendation of his major Supervisor/Chairman of the Department and the teacher concerned, to drop a course within 30 days. In case a student gives up a course without such permission or intimation, he/she shall be deemed to have failed in that course.

12. The students may be allowed to drop such courses within 30 days of the last date of enrolment, for which they enrolled in the first semester after taking admission, before the appointment of their Supervisory Committee, which are not included in their approved course work program by the Supervisory Committee. This concession will be valid for courses enrolled in the first semester and for those students, who submit their course work during first semester.

13. When a course for which a student is enrolled, cannot be held according to the program announced, he/she may take up an alternate course, but this must be done no later than 20 days after the date of enrolment.

Course of Study:

1. No student will take any course unless he/she has cleared the pre-requisite for it as determined by the Department.

2. Ordinarily a whole-time student shall not be enrolled for more than 12 and less than 9 credits in a semester except the last semester. The total number of credit hours enrolled in a semester includes credit hours for deficiency courses, if any (ASRB-3). The summer sessions shall only be offered for the deficiency/failed/repetition courses. However, in summer session a student can enrol upto maximum of nine (09) credits.

Explanation: Students who enroll undergraduate deficiency courses may take credit hours like undergraduate students.

3. A part-time student shall not take more than two courses in a semester.

4. The Board of Studies may count towards the requirements of the course, credits earned by a student at another recognized institution, subject to a maximum of 75 percent of the minimum credits' requirements laid down in these regulations provided that:

(i) The courses for which credit is claimed were identical with or similar to the course included in the program approved for him/her.

(ii) The courses for which credit is claimed have not been used for any other degree.

The similarity of such courses will be determined by the Board of Studies of the respective department for subsequent approval from the ASRB.

(iii) The credit transfer of research work is permissible provided that the host university and parent university are agreed upon while considering the Intellectual Rights policies of both parent and host universities/DAI/HEI.

Explanation:

The consent of the Supervisor of the parent University is also mandatory for the transfer of the research. If the research is being carried out under a research project, then the consent of the PI/Group Leader/Project Leader is also mandatory reasons (ASRB-7).

5. A course can be repeated three times at the most. The Controller of Examinations office will mention corresponding repetitions in the result notification and the student shall mention repetition status in the GS-01 form.

6. Students would submit their research titles, approved through the respective Departmental Board of Studies, during 3rd semester for subsequent approval from the DASR, whereas, Synopsis (GS-5) may be submitted for approval from the DASR at the end of third semester following the same route.

7. No semester course shall carry more than 4 credit hours.

EXAMINATIONS

Tests and Examinations:

1. There shall be two examinations for each course during each semester. These examinations shall be termed as mid-term examination and final examination. In addition to these examinations the teacher shall give home assignments and term papers etc. The determination of the form of these examinations will be left to the teacher who will be solely responsible for the conduct of examination as well as evaluation in his/her course. The grade given in the course by the teacher shall be final.

2. Only those students, who have 75 percent attendance in theory and practical separately of each course, shall be eligible for examinations.

3. A teacher shall report to the Dean/Director concerned through the Chairman/HOD of the Department concerned, the names of students who are absent from the lectures/practical continuously for seven times to enable him strike off such students. who remain absent (lecture/practical) continuously for a week without prior permission. DASR will cancel/strike off the admission of such students (ASRB-3).

Explanation: The Dean/Director may re-admit such a candidate and allow him/her to proceed the classes or refuse admission if the reasons advanced are not convincing.

4. The final examination for semester shall be held on a date, time and place to be notified by the teacher in advance.

5. To pass a deficiency course a student shall be required to obtain Grade "C". The deficiency course(s) once qualified will not lapse and shall not be called into question again and need not to be revalidated.

6. The scripts of each examination shall be shown to the student concerned by the teacher taken back immediately and then forwarded to the Controller of Examinations after final term exams who shall preserve the scripts for a year.

7. The mid-semester examination shall be held during 9th week of the semester which shall carry 30 percent of the total allocated marks for the course. The examination shall be held by the teacher concerned who shall determine the form of the examination.

8. For the purpose of evaluation, one credit will carry 20 marks e.g., the 4 credits course will carry 80 marks. These marks will be divided in accordance with the credits assigned to theory and practical for each course.

9. The following weightage shall be given to the examinations

9.1. Sessional Work/Examination

- Mid-semester examination	30%
- Home assignments/quizzes/term papers	10%

9.2. Final Examination of the course

(Covering the entire course)	60%
Total:	100%

10. A student must pass theory as well practical part separately to qualify the enrolled course.

11. The teacher shall send the final award list of the course to the Controller of Examinations and a copy to the Chairman of the Department concerned normally within five days after the end of the semester. The teacher concerned shall also keep a hard copy of the award list in his own custody for a period of six months to counter check.

12. On receipt of the award lists, the Controller of Examinations shall prepare a consolidated award sheet and send it to the DASR, Dean/Director and the Chairman of the Departments concerned.

13. A student, who has taken the final examination of an approved course at the end of a semester, shall not be permitted to delete the course.

14. A student who fails to make up the deficiency in his/her grade point average, in the number of chances permitted, shall cease to be on the rolls.

15. Constitution and functions of examination as well as disciplinary/dispute Committees at departmental level will be according to CUVAS regulations of under graduate programs.

16. In a program of study where thesis is a partial requirement for completing the degree, the students must submit their semifinal thesis to the Directorate of Studies duly forwarded by the Chairman of the department and Dean of the faculty concerned on or after the 60th day of the officially announced date for the commencement of classes in their last semester. They may submit the final thesis on or before the 30th day after the termination of the semester provided that they are going to complete the minimum residential requirements for the degree in that semester. The Director Advance Studies office will entertain semifinal thesis/final thesis within two weeks after the termination of semester (ASRB-6).

Grade Point Average:

The maximum grade point average and minimum grade average for awarding M.Phil. degree at CUVAS, are given below.

Maximum grade point average : 4.00

Minimum grade point average for obtaining M.Phil. Degree : 2.50

Grade	Value	Marks	Remarks
A	4	80-100%	Excellent
B	3	65-79%	Good
C	2	50-64%	Satisfactory/Pass
W	-	-	Withdrawal grade
F	0	Below 50%	Fail

(Fractions will be rounded to the nearest whole number such as 64.50 to 65.00).

Note: If a student enrolled in a semester has discontinued or unable to sit in the Final Examination due to illness duly certified by a Registered Medical Officer or under the circumstances beyond his/her control, to be determined in each case, on a written application by the student, may be allowed to discontinue which would be duly notified by the Dean/Director. He /She will be awarded "W" (Withdrawal) grade provided that he/she has attended the lectures by 75% or more. He /She may, however, enroll in the same semester with the permission of the Dean/Director. A student who has shortage of lectures by 75% cannot avail this facility and will be marked as incomplete grade "I".

Explanation of above table:

1. At the end of the first semester, student must obtain a minimum grade point average (GPA) of 2.00 to be promoted to the second semester.
2. In case a student obtains less than 2.00 but equal to or higher than 1.75 during first semester, he/she will be promoted to the second semester on probation.
3. At the end of the second semester, a student must obtain a minimum CGPA of 2.00 and must also pass at least 50 per cent of the courses taken by him/her in order to be promoted to the third semester. If any of the preceding two conditions is not fulfilled by a student, he/she shall cease to be on the rolls.
4. A student will be required to repeat those courses of the previous semesters in which he/she had failed, at the first available opportunity, provided that his/her maximum workload, including the courses being repeated by him/her, will not exceed the normal workload.
5. At the end of the third and subsequent semesters, the CGPA of a student should not be less than 2.00, otherwise he/she shall cease to be on the rolls.
6. A student, who cannot maintain the GPA/CGPA requirements in accordance with regulation and ceases to be on the rolls, may seek fresh admission along with other candidates, on merit, but only once.
7. A student, who obtains CGPA of 2.00 but less than 2.50, upon the completion of entire approved course work, may be allowed to repeat once the courses of the previous semesters in which he/she had obtained the lowest grades, in order to improve the CGPA so as to obtain the minimum of 2.50, failing which he shall cease to be on the rolls.

Thesis Examination:

1. A student shall be entitled to submit thesis for examination after he/she has passed all the final examinations in the approved courses and has also fulfilled the residential requirements. Moreover, a candidate admitted to a degree program shall, far so long as he/she has not submitted thesis, has to enroll for each semester. He/she is required to submit GS-04 form and thesis examination fee before the submission of semi-final thesis
2. The thesis shall be prepared according to the guidelines approved by the ASRB. Semi-final thesis signed by supervisory committee, Chairman of the Department/Director of the Institute and of the faculty concerned, shall be submitted to the office of the DASR for scrutiny up to the deadline fixed for this purpose. The observation on any shortcomings shall be recorded on the observation form. After issuance of similarity index report by Quality Enhancement Cell, two copies of the final thesis accompanied by covering letters shall be processed through the Chairman of Department/Director of Institute/Dean of the Faculty concerned and entered in record by DASR. The Similarity Index/plagiarism should be according to the guidelines of HEC.
3. The Semi-final thesis shall be referred to the examiner for evaluation duly certified by the supervisory committee that the contents and form of the thesis are satisfactory for submission.
4. The thesis duly certified by the supervisory committee should state that the contents and form of the thesis are satisfactory for submission. Two copies of the thesis along with three copies of the covering letter shall be submitted in the office of the Chairman/Director concerned. One copy of covering letter shall be retained by Dean and the other copy endorsed by the Dean shall be sent to the Controller of Examinations to record that the thesis has been finally submitted. A panel of five external examiner per student, approved by the Board of Studies shall be submitted by the Chairman of the Board of Studies to the Dean of the Faculty concerned who will appoint one examiner. The same panel of examiners in original shall be sent by the Dean of the Faculty to the Controller of Examinations. In case of any objection on the student's file, the Controller of Examinations shall intimate the Dean of the Faculty for its rectification well in time. After verification from the record of the student, the Controller of Examinations shall send appointment letter accompanied by award list to the supervisor and external examiner.

The thesis shall be evaluated by a Board of Examiners comprising members of the supervisory committee and external examiner. At least three members of the Boards of Examiners of whom one must be an external examiner shall for the purpose of evaluating the thesis, hold a viva voce examination and such other tests as they consider necessary. The external examiner shall be given reasonable time to go through the contents of the thesis critically. The viva voce examination would be conducted at least seven days after the receipt of thesis by the external examiner. In addition, under unavoidable circumstances (due to epidemics or if a student/supervisor/member is abroad), the thesis examination may be conducted through video conference arrangement.

- 4.1.If the student is responsible for the delay, he/she shall have to pay a fine of Rs.5000/- and would be required to enroll again for Research and Thesis for the next semester, provided that he/she does not exceed his/her maximum residential requirements.
- 4.2.He/she will have to appear within 3 months for the thesis examination during that semester. In case he/she does not appear even after three months for thesis examination, his/her Research and thesis will be cancelled.
- 4.3.Similarly, if a student after taking final viva voce examination is unable to submit the revised/corrected copy of the thesis after incorporating the necessary changes as suggested by the external examiner, within 3 months of the viva voce examination, his/her Research and thesis would not be considered.
- 4.4.The Departmental Board of Studies will ensure that his/her approved title of Research has not been allocated to any other postgraduate student during the last 5 years.
- 4.5.The DASR, Controller of Examinations and the Supervisor concerned will also ensure to process the thesis for examination within one month after they receive the manuscript in their respective offices.
- 4.6.The DASR office will ensure that the Regulations are implemented in true letter and spirit.

5. The thesis shall be evaluated by the Board of Examiners according to the following numerical and letter grades: There shall be 120 marks corresponding to 06 credit hours allocated for thesis and these may be divided as under:

- 5.1. Twenty five (25) percent marks will be reserved for the evaluation of technical knowledge of the topic as well as general knowledge about the subject of the degree program.
- 5.2. Fifty percent (50) percent marks will be reserved for the subject matter of the thesis such as the originality and justification of research, quality of data, interpretation of data, conclusions drawn and achievements of the objectives of the research.
- 5.3. Twenty five (25) percent marks will be reserved for technical aspects of presentation such as consistency, illustration, diagrams, references, English grammar, vocabulary and quality of typing.
- 5.4. The marks so awarded will be converted into letter grades by the prescribed formula which shall be A, B, C, and F as the case may be. Average grades on the basis of course work and thesis will then be worked out to calculate the final CGPA.

6. 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 thesis on the expiry of six months after the date of declaration of the result of the last thesis examination. He/she can avail of this chance only once.

7. In case of disagreement between the Supervisory Committee and the External Examiner regarding the acceptance of the thesis it shall be referred to another external examiner whose decision shall be final.

8. The subject approved for thesis research shall remain valid only for 8 semesters from the date of admission of the candidate to the course. The ASRB may, however, relax this condition for special reasons to be recorded.

9. A student admitted to the course in partial residence shall undertake research work in a laboratory or institute approved by DASR.
10. If the thesis, submitted by a candidate for final evaluation, is proved to be copied/plagiarized at the time of viva-voce examination, it will be liable to be rejected on the report of Board of Examiners. The Controller of Examinations will declare the candidate fail in thesis examination. The admission of such a candidate shall be cancelled and he/she shall not be readmitted to MPhil under any circumstances.
11. If the thesis of a candidate is proved to be plagiarized after its evaluation and declaration of result, previous result of the candidate will be cancelled, and he will be declared to have failed in thesis examination. Such a candidate shall not be readmitted to M.Phil. under any circumstances.
12. The marks awarded by external examiner and members of supervisory committee, and a certificate from the supervisor on the award list that hard bound copies have been submitted by the student to him/her, Chairman/Director and University main Library (soft copy also to be provided) after making suggested corrections (if any), shall be sent to the Controller of Examinations for issuance of final notification for the award of degree.
13. Office of the Controller of Examinations shall keep scripts of student's examinations for one semester.
14. Extra fee of Rs.5,000/- per course may be charged in addition to normal dues for repeating the course after 4th semester.
15. For minor and major changes in the GS-01 form, the student will pay Rs.500/- and Rs.1000/- respectively as GS-01 correction/revision fee, on the recommendation of the DASR. However, it will be notified by the office of the DASR.

Examination Fees:

University examination fees shall be charged at the time of enrolment for each semester. However, the thesis examination fee will be charged at the time of thesis submission.

General:

A candidate who passes all the examination with the prescribed CGPA shall be awarded the MPhil degree.

Criteria for Position Holders:

1. Position shall be awarded (if applicable as per University rules and regulations). The award of position shall be based on CGPA. Semester position will be determined on the basis of semester grade point average (SGPA) of the respective semester. In order to qualify for the award of any of the position a student is required to:
 - 1.1.Pass all the courses (both credit and non-credit) in the first attempt.
 - 1.2.Complete all courses opted and never withdrawn any course or repeated/improved/opted any semester break due to any reason.
 - 1.3.Appear in all mid and final term examinations offered.
 - 1.4.If a student secured C grade in any semester but his /her cumulative percentage for that semester is equal to or above 70%, he/she will be eligible for medal.
2. In case of a tie in CGPA, a person with higher COPM (Cumulative Overall Percentage Marks) shall be awarded position. In case of tie among CGPA as well as COPM, the same position will be awarded to the number of students securing the same CGPA and COPM.

Note: COPM will be calculated as under;

$$\text{COPM} = \frac{\text{Total marks obtained in all credit courses}}{\text{Total marks in all credit courses}} \times 100$$

Silver Medal:

Silver medal will be awarded to students enrolled in each program, 1 (one) per department.

Note: In case of any difficulty or problem in interpretation, the matter will be referred to the "ASRB" whose decision will be final.

Semester Freezing Policy (ASRB-7 & Academic Council):

A student may apply for a semester break in the case of unavoidable circumstances such as prolonged illness, performing Hajj, or other valid reasons to be recorded. The following conditions apply:

1. Application and Fee

• The student must apply in advance and pay the prescribed semester freezing fee for each semester to be frozen.

2. Availability

- This option may be availed only once during a student's academic program and cannot be utilized in the first or final semester to avoid administrative complications.
- The application must be initiated by the student and forwarded by the Chairman to the Dean of the Faculty.
- Upon the Dean's recommendation, the case will be reviewed and endorsed by the Director of Advanced Studies.
- In the case of students enrolled in an Institute, the application will be forwarded by the Director of the Institute to the Director of Advanced Studies for further processing.
- Final approval shall be granted by the Vice Chancellor to be notified by DAS
- A maximum break of two semesters is permitted under this policy.

3. Extension in Hardship Cases

- In extreme hardship cases, the ASRB may allow an extension of up to one additional semester.
- This requires recommendations from the Director/Principal/Chairperson of the concerned Institute/Constituent College/Department and the Dean of the relevant faculty.
- Under no circumstances may the total break exceed three semesters, which is the maximum permitted break during the MPhil/MS programs.

4. Resumption of Studies

- The student must rejoin in the next available semester of the subsequent academic session within 10 days of its commencement.
- A formal application for resumption must be submitted to the Director of Advanced Studies, routed through the Chairman and the Dean/Director of the Institute. The Director of Advanced Studies will issue the official notification of resumption.
- Failure to resume studies within this period may result in the student being considered 'Withdrawn', and this status will be formally notified by the Director of Advanced Studies.

5. Other Provisions

- The maximum duration for program completion will remain unchanged.
- No fees or dues will be charged during the approved semester break.
- All cases of semester break and resumption must be submitted to the Directorate of Advanced Studies for official notification.



PH.D. RULES & REGULATIONS

1.2. The employees of the government/other agencies nominated for the degree of Doctor of Philosophy at this University shall have to take leave to pursue studies as a regular student, failing which he/she shall not be admitted. Moreover, if an employee of the Govt./other agencies gets NOC from his/her department/ competent authority, he/she will get admission as part time student and pursue his/her studies in PhD degree program.

Explanation: Students admitted will be considered as part-time students, however, they will enroll up to three courses per semester and pay full fee as admissible under regular programs.

1.3. The supervisors of PhD students shall submit a report about each PhD student showing general progress particularly in research. Such report shall be submitted on prescribed form (GS-03) after each Semester to the Advanced Studies and Research Board (ASRB) through the Chairman of the Department/Dean/Director concerned.

Explanation: In case their progress is not satisfactory, they will be called during next Semester to justify for the delay. In case their explanation, in the opinion of the ASRB is not found satisfactory, appropriate orders including cancellation of admission shall be passed by the Board.

1.4. The medium of instruction and Examination shall be English.

2. Semester breakup

2.1. There will be 2 semesters (Fall and Spring) of 19 weeks each in an academic year. The commencement of the semesters shall be regulated by the Academic Council.

Explanation: Out of 19 weeks, 16 weeks shall be actual teaching time, the rest may be utilized for admission, enrolment, conduct of Examinations, preparation, declaration of results, etc.

2.2. (i) Summer session (8 to 10 weeks each year) shall be optional. Students who desire to take deficiency courses, failed courses and the courses in which they are allowed to improve grades (grade "C") under the rules, may be enrolled during this session. It shall not count towards residential requirements. Moreover, the students improving Grade "C" in summer session will be required to take permission from the concerned Chairman and the Dean.

(ii) In Summer session, extensive classes will be arranged to compensate the normal study course of a regular semester and 75% attendance in theory and practical separately for each course, shall be observed.

3. The subjects/courses of study for PhD degree:

The subjects of study for the PhD may be amended from time to time through Board of studies, Faculty board of studies and Academic Council.

4.Course Codes:

- 4.1. The course codes for minor compulsory courses, Advanced Statistics and Advanced Biochemistry, will be STAT-751 and BIOC-751, respectively.
- 4.2. The course codes for seminar-I (1(1-0)) and seminar-II (1(1-0)) will be XXXX-798 and XXXX-799, respectively. The code for Research and Thesis will be XXXX-800.

5.Coursework and Residency Requirement:

The following requirements shall be fulfilled before the award of a PhD Degree:

a. The students shall complete the coursework of at least:

- i. 24 credit hours that comprised of 18 credit hours as Major (with Compulsory Statistics) and 6 credit hours as Minor (with compulsory Biochemistry) if they are from the same discipline. The credit hours for research and thesis are 24 (ASRB-7).
- ii. The courses shall be offered through regular classes (i.e., classes taught on
- campus by full-time faculty members of the university)
- iii. The courses shall preferably be of 800 level.
- iv. PhD degree should be based on research, not only on credit hours.

The breakup of course work is as follows:

Minimum course work breakup for PhD degreeprogram(s).

Category	Courses	Credit Hours
Major	Major department courses	12
Major Compulsory	Seminar I and Seminar II	$1 + 1 = 2$
	Advanced Biostatistics (3(1-2))	3
	Special Problem	1
Major Subtotal		18
Minor	Minor department courses	3
Minor Compulsory	Advanced Biochemistry (3(1-2))	3
Minor Subtotal		6
Total (Coursework)		24
Research	Research & Thesis	24
Grand Total		48

REGULATIONS

Admission to the program:

A candidate seeking admission to the Degree of Doctor of Philosophy in full and partial residence must fulfil the following requirements.

1. Admission Requirements:

Completion of MS/M.Phil. /Equivalent degree is required for admission in PhD with minimum 3.0 CGPA in semester system and 60% in annual System GRE/HAT Test Qualifying Score must be 60% Candidate must fulfil Departmental Eligibility Criteria Candidate must have valid Council Registration Certificate(s) where required Govt. Employee must have NOC and/or study leave (ASRB-7).

Intradisciplinary qualifications

Intradisciplinary admissions may only be allowed, if:

- **i) The applicant has passed GRE-Subject/Equivalent Test with minimum 50% marks in the discipline of admission and has taken 6-9 CH of deficiency courses of level 7.**
- **ii) The admission committee is satisfied that the applicant's knowledge of the primary area (level 7) has sufficiently prepared him or her to undertake the course of study of the doctoral program (or, in the opinion of the admissions committee, the preparation can be deemed satisfactory by taking a few additional courses after starting the program).**

CGPA

For admission in PhD programs, a minimum CGPA of 3.0 (out of 4.0 in the semester system) or 60% (in the annual system) in the MS/MPhil/equivalent degree being considered for admission, is required, whether such degree was obtained from Pakistani or foreign universities. If the CGPA/Percentage is not mentioned on the transcript, the candidate must produce equivalent weightage from the parent university. The students having strong demonstrated interest in obtaining PhD degree, but their CGPA is below 3.00 but not less than 2.75 (out of 4.0 in the semester system) or 60% marks (in the annual system) in the most recent degree obtained, may be admitted to a PhD program after fulfilling the following requirements:

- i) Shall study additional courses of 9-12 CH of level 7 taking a zero semester and score minimum 3.00 out of 4.00 GPA, and
- ii) The admission committee is satisfied that the applicant's knowledge of primary area (level 7) has sufficiently prepared him or her to undertake the course of studies of the doctoral program.

These requirements shall be in addition to any other requirements set in this policy for admission to a PhD program (ASRB-4).

1. Subject Test:

A subject test conducted by the National Testing Service (NTS) must be cleared prior to admission for the PhD program. If the Test is not available in NTS subject list, then a University Committee consisting of at least 3 PhD faculty members approved by Dean/Director in the subject area will conduct the test at par with NTS and qualifying score for this will be 70% as per HEC requirement. After qualification of subject test, the selection will be made through interview on following criteria. After interview, top score holders will be allowed to get admission as per required number of seats in particular discipline.

The university will:

- i)Conduct the subject test, with the passing score of 60%. University Committee consisting of at least 3 PhD faculty members approved by Dean/Director in the subject area will conduct the test OR
- ii)Accept a test equivalent to GRE/HAT General, conducted by testing bodies accredited by HEC, with a passing score of 60%.

Statement of Purpose

As part of the application for admission to PhD programs, applicants shall be required to submit a statement of purpose, which shall form an integral part of the application. The admissions committee shall use the information provided to ascertain the preparedness and interest of the candidate in pursuing doctoral studies, and whether the department has the requisite resources to train and supervise the doctoral candidate in the subspeciality in which the applicant is interested. A statement of purpose shall, at least, include the following:

- i)Title of the potential research proposal
- ii)Clear articulation of the current understanding of the intended field and ideas for potential research
- iii)Explanation of the intended impact of the proposed research
- The prospective candidates shall demonstrate passion and enthusiasm for the area of research (ASRB-4).

Interview Judgement Criteria for Admission to the PhD Degree Program

Sr. #	Criteria	Maximum Marks assigned	CGPA Detail	Accelerated weightage	Marks
1	M.Phil. or equivalent CGPA 3 and above	50	3.0 & 3.1 to 4.0	20 for 3.00 CGPA and 3 per point	20,23,26,29,32,35,38,40
2	Publications (5 marks per publication)	10			
3	Professional Experience (2 marks per year)	10			
4	Aptitude for research, personality & Conduct	30			
Total		100			

3. Selection Committees for admission:

The Selection Committees for admission to PhD shall consist of the following:

- (i) Dean/Director
- (ii) Chairman of the Department
- (iii) Directorate of Advanced Studies & Research (DASR) nominee
- (iv) Senior most teacher of the Department.

4. Candidates may be admitted at the beginning of the semester, if a candidate fails to enroll, then he/she will not be admitted.

5. (i) A teacher/researcher of this University (permanent, temporary, adhoc or on contract basis) will be considered for admission as part time student; will be allowed to enroll maximum of two courses and one seminar in a semester and with the payment of prescribed university dues (as approved by the Finance & Planning Committee). In case, he/she intends to take maximum credit hours allowed to a full time student then he/she will have to take leave from the University and pay full University dues.

(ii) The administrative staff of this University (permanent, temporary, adhoc or on contract basis) will be considered for admission as part time student only under Evening program; will be allowed to enroll maximum of two courses per semester with the payment of prescribed university dues (as approved by the Finance and Planning Committee). In case, he/she intends to take maximum credit hours allowed to a full time student, or intends to take courses under morning program then he/she will have to take leave from the University and will pay full university dues.

(iii) The admission to a degree program shall be approved by the DASR.

(iv) Lists of selected candidates would be displayed by the concerned department and if needed subsequent lists would be displayed till the last seat is filled up.

Explanation: The last list would be displayed keeping in view that 75% attendance in lectures would not suffer.

6. Admission approval:

6.1. The admission to the course may be made by the DASR on the recommendations of the Selection Committee to be approved by the Vice-Chancellor.

6.2. The Selection Committee shall consider the applications for admission to different courses and interview the candidates and formulate their recommendations for placing before the DASR.

6.3. The DASR may refuse admission of a student to the course without assigning any reason.

Explanation: All those students who were penalized with minor penalty in preceding institute would be on probation up to two semesters. If they commit any misconduct during probation period, their admission may stand cancelled. Whereas, all those students who were penalized with major penalty in the preceding institute/program, their admission will be cancelled. After the lapse of two years, those students cases may be considered for admission to PhD course on the recommendations of the DASR.

6.4. The admission to a degree program shall be notified by the DASR on the basis of merit list prepared and checked by the Chairman of the respective department. Lists of selected candidates would be displayed by the respective departments and if needed subsequent lists would be displayed till the last seat is filled up.

Explanation: The last list would be displayed keeping in view that 75% attendance in lectures would not suffer.

7. A candidate admitted to the course may discontinue his/her studies on account of circumstances beyond his /her control provided that he/she has not submitted his/her thesis, enroll himself/herself for each semester and before appearing in the final Examination, with the permission of the Vice-Chancellor obtained through the DASR on the recommendation of the Dean/Director. Provided further that a candidate shall not be allowed to discontinue studies during first two semesters.

Explanation: Candidates so permitted to discontinue will be allowed to resume their studies by the Dean/Director and will be notified by the DASR.

8. (i) The prescribed form (GS-01) complete in all respect and accompanied by proof of fee(as approved by the Finance and Planning Committee) paid (bank receipt) shall be presented to the office of the Chairman/Director concerned on the day(s) notified for enrollment.

Explanation: The concerned Department/Institute will hand over the GS-01 forms (four copies) to the office of the DASR through Dean of the Faculty on next day of enrollment. The Office of DASR after thorough scrutiny will send the GS-01 forms to the Controller of Examinations and Chairman concerned before commencement of mid examinations.

(ii) The DASR under special circumstances and on payment of late fee prescribed for this purpose, may permit a student to enrol within ten days after the commencement of the classes.

(iii) The Vice Chancellor may allow a student to enroll till the last day of the 4th week after the commencement of classes under special circumstances, in individual cases and reasons to be recorded, with double late fee prescribed for this purpose.

Explanation: After 4th week the Vice Chancellor may also decide the request (s) of the student (s) on case to case basis with fine (in addition to double late fee). However, such students would be themselves responsible for consequences (if any) of late enrollment.

(iv) Enrollment in absentia is not allowed. Student is required to be present in person with a proof of identification (University Identity Card or Computerized National Identity Card etc.) for enrollment.

(v) Enrollment will only be considered complete when GS-01 form is submitted to the office of DASR. Only depositing of fee will not serve the purpose.

9. If a student fails to enroll in any semester without permission of the competent authority, he/she shall cease to be on the rolls of the University and in case he/she desire readmission, he/she shall have to apply for the same. The DASR may readmit such a candidate subject to payment of Rs.2000/- as readmission fee and Rs.20,000/- as per semester(s) gap fee and the period of gap semester(s) will also be counted towards his/her residential period. The DASR may refuse admission if the reasons presented are not convincing.

10. When a candidate has been enrolled for his/her first semester, the DASR shall, on the recommendation of the Dean/Director made in consultation with the Chairman of the Department concerned, constitute for the candidate a Supervisory Committee which shall normally consist of two specialists from the major field of study and one from the minor field of study. Provided that if an outstanding specialist in a related field of study, is available outside the University, he/she may be appointed as a co-supervisor/additional member in Supervisory Committee. However, one of the teacher members from the major field of study will be designated as Chairman and will act as Major Supervisor.

Explanation: Allotment of supervisor should be done within 8 weeks after the commencement of the first semester. In case, a post-graduate student is allowed by the DASR duly recommended by the Chairman and Dean/Director concerned to conduct his/her complete thesis research in other institution/laboratory, the name of the helping scientist (PhD) would be placed at serial No. 2 on the Supervisory Committee and will be designated as co-supervisor. Moreover, Supervisory Committee may be revised in case of transfer/any special circumstances/retirements of any member of Supervisory Committee in consultation with the Chairman of the concerned Department through Dean and subsequent approval from DASR.

10.1. A supervisor can supervise maximum a total of 12 M.Phil. /PhD students at a time with no more than 5 of these being PhD students as per approved HEC criteria.

11. Following faculty members may act as supervisors:

- (i) The Professor emeritus may act as supervisor/member of supervisory committee of postgraduate students if he/she is stationed at CUVAS.
- (ii) Foreign Faculty members, HEC National Professors/HEC eminent scientists may act as supervisor/member of the supervisory committee provided that they are appointed for three years at CUVAS.
- (iii) Retired teachers of CUVAS may continue as supervisor/member of the supervisory committee to their previous postgraduate students if they had supervised the students upto the approval of the synopsis. However, on re-employment of three years they may be given supervision of a new student.
- (iv) Adhoc/contract teachers may act as supervisor/member of the supervisory committee only where there is shortage of regular faculty members. Faculty on Tenure Track System (TTS) at CUVAS.will be considered as regular faculty for the subject purpose.

12. A student who is enrolled for a course shall not be allowed, to add a new course or substitute a course for another after the expiry of twenty days from the commencement of the semester, but he/she may be permitted on the recommendation of his/her major Supervisor/Chairman of the Department and the teacher concerned, to drop a course within thirty days. In case a student gives up a course without such permission or intimation, he/she shall be deemed to have failed in that course.

- 12.1. A student may be permitted to revise his/her GS-01 form within 30 days from the commencement of classes. After this period he/she may be allowed to revise GS-01 form up to 38th day from the commencement of classes on the payment of prescribed GS-01 revision fee.
- 12.2. The students of first semester may be allowed to revise his/her GS-01 form within 40 days of the last date of enrollment.

13. When a course for which a student is enrolled, cannot be held according to the program announced, he/ she may take up an alternate course, but this must be done not later than 20 days after the date of enrolment.

Course of Study:

1. The Course code of all PhD courses will commence from 751 preceded by the first four alphabets of the name of the Department (e.g. XXXX-751). Laboratory courses, if any, will carry, separate numbers.
2. No student will take any advance course unless he/she has cleared the pre-requisite for it as determined by the Department.

3.The number of courses taken in a semester will be as follows:

- 3.1.Ordinarily a whole-time student shall not be enrolled for more than 12 and less than 9 credits in a semester except the last semester. The summer sessions shall only be offered for the deficiency/failed/repetition courses. However, in summer session a student can enrol upto maximum of nine (09) credits.

Explanation: Students who enroll undergraduate deficiency courses may take credit hours like undergraduate students.

- 3.2. A part-time student may take 2 courses or one seminar or both in each semester.
- 3.3.Each student will have to deliver 2 seminars in two different semesters. Out of two seminars, one should relate to the subject of his/her research (Synopsis defence) at University level.
- 3.4.The Board of Studies may count towards the requirements of the course, credits earned by a student at another recognized institution, subject to maximum of 75 percent of the minimum credits requirements laid down in these regulations provided that
 - (i) The courses for which credit is claimed were identical with or similar to the courses included in the program approved for him.
 - (ii) The courses for which credit is claimed have not been used for any other degree. The credit transfer of research work is permissible provided that the host university and parent university are agreed upon while considering the Intellectual Rights policies of both parent and host universities/DAI/HEI.

Explanation:

The consent of the Supervisor of the parent University is also mandatory for the transfer of the research. If the research is being carried out under a research project, then the consent of the PI/Group Leader/Project Leader is also mandatory (ASRB-7).

The similarity of such courses will be determined by the Board of Studies of the respective department for subsequent approval from the DASR.

EXAMINATIONS

1. Tests and Examinations:

- 1.1. There shall be two Examinations for each course during each semester. These Examinations shall be termed as mid-term and final term examination. In addition to these Examinations the teacher shall give home assignments and writing review article, etc. The determination of the form of these Examinations will be left to the teacher who will be solely responsible for the conduct of Examination as well as evaluation in his/her course. The grade given in the course by the teacher shall be final.
- 1.2. Only those students, who have attended not less than 75 percent of the lectures and practical separately in each course, shall be eligible for admission to such Examinations.
- 1.3. A teacher shall report to the Dean/Director concerned through the Chairman/HOD of the Department concerned, the names of students who are absent from the lectures/practical continuously for seven times to enable him strike off such students.

Explanation: The Dean/Director may re-admit such a candidate or refuse admission if the reasons advanced are not convincing.

2. The final Examination for Semester shall be held on a date and time and place to be notified by the teacher in advance.

3. To pass a deficiency course a student shall be required to obtain at least grade-B, whereas to pass compulsory minor course(s) a student is required to obtain at least "C" grade.

4. The scripts of each Examination shall be shown to the students concerned by the teacher, taken back immediately and then forwarded to the Controller of Examinations within five days, who shall preserve the scripts for two years. Any discrepancy observed may be reported to the ASRB through HOD.

5. The examination of each enrolled course will be conducted as follows:

- 5.1. The mid-Semester Examination shall be held during 9th week of the Semester which shall carry 30 percent of the total allocated marks for the course. This Examination shall be held by the teacher concerned who shall determine the form of the Examination.
- 5.2. In addition, special home assignments and/or review papers etc. shall carry 10 percent of the total marks allocated which shall be uniformly split over the whole semester. The final Examination to be held at the end of the Semester shall carry 60 percent of the total marks allocated.
- 5.3. For the purpose of evaluation, one credit will carry 20 marks e.g. a 4 credits course will carry 80 marks. These marks will be divided in accordance with the credits assigned to theory and practical for each course.

6. The following weightage shall be given to the examinations, home assignments and term papers, etc.

(i) Sessional Work/Examination

- Mid-Semester Examination	30%
- Home assignments/quizzes	10%

(ii) Final Examination of the Semester

Covering the entire course	60%
Total:	100%

Grade Point Average:

The maximum grade point average and minimum grade average for awarding PhD degree at CUVAS, are given below.

Maximum grade point average 4.00

Minimum grade point average for obtaining PhD Degree 3.00

(Equivalence between letter grading and numerical grading shall be as follows):

Grade	Value	Marks	Remarks
A	4	80-100%	Excellent
B	3	65-79%	Good
C	2	50-64 %	Satisfactory/Pass
W	-	-	Withdrawal grade
F	0	Below 50%	Fail

(Fractions will be rounded to the nearest whole number such as 64.50 to 65.00).

Note: If a student enrolled in a semester has discontinued or unable to sit in the Final Examination due to illness duly certified by a Registered Medical Officer or under the circumstances beyond his/her control, to be determined in each case, on a written application by the student, may be allowed to discontinue which would be duly notified by the Dean/Director. He /She will be awarded "W" (Withdrawal) grade provided that he/she has attended the lectures by 75% or more. He /She may, however, enroll in the same semester with the permission of the Dean/Director. A student who has shortage of lectures by 75% cannot avail this facility and will be marked as incomplete grade "I".

Explanation of above table:

The student should obtain Grade Point Average/Cumulative Grade Point Average (GPA/CGPA) of 3.00 for enrolment to the next semester. In case a student is able to obtain GPA/CGPA of 2.50, or more but less than 3.00, he will be promoted to the next semester, but only once, and he/she will be given a warning to improve his/her GPA/CGPA and if he/she fails to obtain 3.00 in the next semester, his/her admission shall stand cancelled.

1. A student will be required to repeat the courses of the previous semesters in which he/she had failed, when such courses are offered, provided that his/her maximum workload, including the courses being repeated by him/her, will not exceed the normal workload.
2. A student, who obtains CGPA of 2.50 or more but less than 3.00, upon the completion of entire approved course work, may be allowed to repeat once the courses of the previous semesters in which he/she had obtained the lowest grades, in order to improve the CGPA so as to obtain the minimum of 3.00, failing which he/she shall cease to be on the rolls.

COMPREHENSIVE EXAMINATION

Comprehensive Examination-Written Part:

1. A PhD scholar will qualify comprehensive examination, within first two years as a regular student and within three years as a part-time student. Failure to qualify comprehensive examination within prescribed duration will render the admission cancelled.

The required coursework, comprehensive exam, and defense of synopsis/research proposals should be completed within the 1st six semesters of the registration into a PhD program. The responsibility in this regard rests collectively with the PhD student and the university. In case of noncompliance, the registration shall be cancelled and transcripts for completion of coursework may be issued to the student.

In an event of force majeure i.e., noncompliance on account of circumstances beyond the control of student, the university will consider as mention in clause for Award of Post Graduate Diploma/Certificate (ASRB-4).

Explanation: The comprehensive examination may be arranged 3 times in a year. A student will have to apply for comprehensive examination to the office of the DASR on the prescribed form (GS-04) after the completion of course work. If a student does not apply within the specified period or does not appear in the examination, he/she will be deemed to have availed one chance and failed to qualify in the first attempt. The Controller of Examinations shall, with the approval of the Vice Chancellor, notify the date, time and venue of the Examination at least two weeks before the commencement of the Examination.

2. The Board of Examiners for written comprehensive Examination shall be appointed by the Vice Chancellor from amongst the teachers. The Vice Chancellor shall designate one of the members to act as Chairman of the Board.
3. The Vice Chancellor shall assign, to each member of the Board (hereinafter called member), a particular field or fields in which he/she has to set questions. The number of papers shall not exceed three (two in major and one in minor fields).
The comprehensive exam shall cover the courses studied, preferably at the graduate level, conducted as Comprehensive Written and Oral part. **The comprehensive written examination will be comprised of three papers (Two Papers from a major field of study and one from a minor field of study) followed by an oral part if the written examination is successful (ASRB-7).**
4. A student shall answer questions set by each member on a separate answer book which shall be sent by the Controller of Examinations to the member concerned for evaluation.
5. Each member shall, within seven days after the receipt of the answer books, return them duly marked to the Controller of Examinations along with the award list.
6. To pass the written Examination a student must secure not less than 65% in the set of questions asked by each member separately.
 - 6.1. If a student fails in two or more papers, he/she will be re-examined in all the papers but only once in next examination. In case a student fails in one paper, he/she can reappear only in the failed paper but only once in next examination. A student who failed in one paper and applying to re-appear in written comprehensive examination will pay 50% of approved fee (ASRB-3).
 - 6.2. A student who has passed the comprehensive examination shall be deemed to have become a candidate for admission to PhD degree.
7. At most, a candidate may be allowed twice to sit in written comprehensive exam.

Comprehensive Examination-Oral Part:

1. The Controller of Examinations shall in consultation with the Chairman, Board of Examiners, notify the date, time and venue for the oral comprehensive Examination within three months of the date of the declaration of the result of the written comprehensive Examination. If a candidate fails to appear in oral comprehensive Examination within the prescribed time limit, the result of the written comprehensive Examination shall stand cancelled and he/she shall have to appear again in the written comprehensive Examination. However, if a candidate, in first attempt, fails in oral examination, he/she shall be allowed to reappear once again in the oral exam only. In such case, the student will pay 50% of the fee approved for comprehensive examination (ASRB-3). In case he/she fails the oral examination in the second attempt the result of the written comprehensive examination shall stand cancelled and he/she shall have to appear in the written comprehensive examination by availing the second and last attempt.
 - 1.1. The Board for oral Examination shall consist of the examiners appointed vide clause 2 of Comprehensive Examination-written part, and in addition the Dean of the Faculty and two senior teachers to be nominated by the Vice Chancellor.
 - 1.2. The oral comprehensive Examination shall be of three hours duration.
2. The Chairman of the Board of Examiners shall be responsible for the conduct of the oral Examination and shall determine the order in which each member of the Board shall put questions to the student. The members shall be free to ask any number of questions.
3. At the conclusion of the oral Examination, each member shall separately grade the student and the Chairman of the Board of Examiners shall decide the result of the candidate through majority vote of the examiners. In case of equal votes the Chairman shall use his/her casting vote to arrive at the final decision.
4. To pass the oral examination, a student must secure not less than B grade in the question asked by each member, separately.

Thesis Examination

1. A candidate who has passed both the written and oral parts of comprehensive examination shall be allowed to submit thesis. But before submission, PhD thesis will be placed in the office of the Director/Chairman of the concerned Institute/Department for one week prior to its submission for foreign evaluation. The Faculty and students will be invited through campus news to peruse the thesis for any suggestions/corrections. The suggestions received, if in order, will be incorporated through the supervisory committee.

Explanation: A student shall be entitled to submit thesis for examination after he/she has qualified the approved course work, qualified the comprehensive examination (written and oral) and has also fulfilled the residential requirements. He/she is required to submit GS-04 form. The thesis must be an original and scholarly contribution to the knowledge of the candidate's chosen field of study.

2. The thesis must be an original and scholarly contribution to the knowledge of the candidate's chosen field of study.
3. In the case of students admitted to the Course in partial residence, the research work shall be undertaken in a laboratory or institute approved by DASR. The thesis shall be prepared and presented in the manner laid down in the instructions issued by the ASRB. The Plagiarism Test must be conducted on the Dissertation before its submission to the two foreign experts as per approved HEC criteria.
4. The semi-final 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 submissions. The Controller of Examination shall get the thesis evaluated within three months after the date of submission/resubmission of thesis to his office. Any delay beyond three months must be brought to the notice of the Vice Chancellor.

Explanation: The name of the foreign scientists under whom the student completed his/her foreign training program will not be included in the panel of examiners for PhD thesis evaluation.

5. The number of external examiners shall be two, whereas 3rd examiner will be only in special circumstances as elaborated in clause 10th of Thesis Examination.

6. Two external examiners from technologically advanced countries shall be appointed by the Vice Chancellor for evaluation of PhD thesis. The panel of examiners shall be recommended by concerned Board of Studies of respective Department and be submitted directly to the office of Controller of Examinations under the sealed cover as "Confidential" information. The Controller of Examinations shall get the final approval of the Vice Chancellor for such appointment before processing the thesis with these examiners.

The PhD dissertation must be evaluated by:

a) At least two external experts who shall be:

- i) PhD faculty member from the world top 500 universities ranked by the Times Higher Education or QS World Ranking in the year corresponding to dissertation evaluation year OR
- ii) Pakistan-based Distinguished National Professors, Meritorious Professors from any national university; or professors from top universities ranked by HEC; or professors from any Pakistani University having a minimum H-Index 30 for sciences, as determined by Web of science.

OR

a) At least one external expert qualifying any one of the conditions mentioned above if the PhD candidate publishes dissertation research in a peer-reviewed journal that is classified by the HEC in category W for Sciences

External examiner(s) shall be appointed by the Vice Chancellor for evaluation of PhD thesis. The examiner(s) will/shall be recommended by concerned Board of Studies of respective Department and be submitted directly to the office of Controller of Examinations under the sealed cover as "Confidential" information. The Controller of Examinations shall get the final approval of the Vice Chancellor for such appointment before processing the thesis with these examiner(s) (ASRB-4).

7. Each External Examiner shall explicitly state in his report:

7.1. Whether or not the thesis is of sufficient merit to justify the award of PhD Degree to the candidate.

7.2. Whether the candidate should be allowed to revise and re-submit his thesis. In the latter case the guidelines on which the thesis should be revised must be clearly stated.

8. If the examiners approve the thesis, the candidate shall be recommended for the award of the degree.

9. If both the examiners reject thesis, the candidate shall be declared to have failed. However, the ASRB may allow a student to re-conduct his research and/or re-submit his thesis as recommended by his Supervisory Committee. This facility would be available only once.

10. If one of the Examiners approves the thesis and other rejects it, a third examiner shall be appointed for the evaluation. If the third examiner approves the thesis, the candidate shall be recommended for the award of the degree, otherwise he shall be declared to have failed.

11. If one of the examiners approves the thesis and the other is of the view that it is not acceptable in the form in which it has been presented but requires revision, the following procedure shall be followed.

- 11.1. The Supervisory Committee of the candidate may either:
- 11.1.1. Write to the examiners concerned explaining why it is not possible to revise the thesis and taking that it should be examined in its original form, or
- 11.1.2. If the views of the examiner were acceptable to the Committee, require the candidate to revise and re-submit the thesis within a period not exceeding one semester, for re-evaluation.
- 11.2. If the examiner approves the original thesis or the revised thesis, as the case may be the candidate shall be recommended for the award of the degree.
- 11.3. In case of disagreement between the Supervisory Committee and the examiner, the matter shall be referred to the ASRB which may suggest such action as it may consider expedient.

12. If both the examiners express the opinion that the thesis as presented, is not acceptable, but required revision the following procedure shall be adopted.

- 12.1. In case the lines, on which the examiners have suggested revision of the thesis are substantially the same and are acceptable to the Supervisory Committee, they shall call upon the candidate to revise the thesis on these lines and re-submit it within a period not exceeding one semester, for re-evaluation. The revised thesis shall then be sent to the examiners and the procedure laid down in regulation 9, 10 and 11 of thesis examination shall be followed.
- 12.2. In case the lines on which the examiners have suggested revision are not acceptable to the Supervisory Committee, the matter shall be referred to the ASRB which may suggest such action as it may consider expedient.
- 12.3. In case a candidate, who is required to revise and re-submit his thesis, does not do so within the period allowed, he shall be declared to have failed.

13. If both the examiners approve the thesis, the candidate shall be allowed to defend his thesis at University level. This presentation shall be evaluated in the presence of Examination Committee comprising of Supervisory Committee and two External Examiners to be appointed by the Vice Chancellor out of a panel of six experts in the relevant field from within the country belonging to other research & development organizations/institutes or be retired University Professors. If the Examination Committee approves the thesis, the final submission would be allowed. A certificate to this effect be issued by the Examination Committee.

Explanation: The declarations to be submitted by a PhD scholar at the time of submission of thesis are as under:

- (i) Authors declaration
- (ii) Plagiarism undertaking by the PhD scholar
- (iii) Certificate of approval of PhD thesis by Examination Committee. The specimen of undertaking to be submitted by the scholar are GS-06, G-07 and G-08 forms.

Note: The thesis defense will be conducted within four months from the date of dispatch of second report of thesis evaluation from the office of the Controller of Examinations. Under unavoidable circumstances the thesis defense may be conducted through video conference arrangement if a supervisor/member is abroad. However, the Vice Chancellor may allow extension for thesis defense up to six months within permissible residential period, in hardship cases.

14. Before a PhD student is awarded a degree, he shall be required to publish an article based on his original research, through his Supervisor in HEC approved W category journal. The name(s) of only active member(s) of supervisory committee will be added in the publication. The name of co-supervisor/helping scientist from aboard may be included in the research papers.

Before a PhD student is awarded a degree, he/she shall be required to publish one research article in W category journal or two research articles in X category journals. The name(s) of only active member(s) of supervisory committee will be added in the publication. The name of co-supervisor/helping scientist from aboard may be included in the research papers (ASRB-6).

Explanation: The expenditure (if any) to be incurred on research articles accepted for publication in W category journals will be borne by the university.

For award of PhD degree, a PhD researcher shall be required to publish research articles meeting the following criteria:

- i) At least one research article in W category journal or two research articles in X category journals category journals
- ii) The PhD researcher shall be the first author of these publications.
- iii) The research article shall be relevant to the PhD research work of the PhD researcher.
- The article shall be published after approval of the research synopsis. The article shall be published in a relevant research journal (ASRB-4).

15. A copy of PhD Dissertation (both hard and soft) must be submitted by scholar through DASR to HEC for placing/including in PhD Country Directory and for attestation of the PhD degree by the HEC in future.

Explanation: Final approved three copies of hardbound PhD Thesis along with two CDs, one each for HEC and University Library, will be submitted by the student.

16. If the thesis, submitted by a candidate for final evaluation, is proved to be copied/plagiarized, it will be liable to be rejected. The admission of such a candidate shall be cancelled and he will not be readmitted to PhD under any circumstances.

Note: Before foreign evaluation, the thesis will be checked for plagiarism by QEC and report shall be submitted to the Controller of Examinations. The Similarity Index/plagiarism should be according to the guidelines of HEC.

17. If the thesis of a candidate is proved to be plagiarized after its evaluation and declaration of result, previous result of the candidate will be cancelled, and he will be declared to have failed in thesis examination. Such a candidate shall not be readmitted to PhD under any circumstances.

Under no circumstances shall a dissertation based on plagiarized research be acceptable. It is the primary responsibility of both PhD researchers and their supervisors to prevent plagiarism. To avoid plagiarism, it is important to follow the provisions outlined in this document i.e., Governing Research Supervision and Research Ethics. For Plagiarism COPE guidelines must be followed. If a PhD dissertation is found to be plagiarized, it will be handled in accordance with the Anti-Plagiarism Policy issued by the Higher Education Commission, Pakistan, as updated from time to time. A similarity test, in accordance with the HEC's Anti-Plagiarism Policy, must be conducted on the dissertation before its submission to the external experts by the student (**ASRB-4**).

Examination Fee:

University Examination fees shall be charged at the time of enrolment for each semester. However, thesis evaluation fee will be charged at the time of submission of thesis.

General:

1. A faculty member can supervise a maximum 5 of PhD scholars and 7 MS/MPhil/MSc (Hons) students.

Explanation: In case there is no PhD scholar, a faculty member can supervise 12 MS/M Phil/MSc (Hons) students. Maximum number of PhD scholar will be 5 even if there is no MS/MPhil/MSc (Hons) students.

2. There should be at least three relevant full time Ph.D. Faculty members to launch the PhD program.

3. A candidate who has fulfilled all the requirements prescribed for the course shall be awarded the Degree of Doctor of Philosophy.

4. While defending synopsis/thesis by a PhD student in the absence of co-supervisor/member, the Chairman of the Department/ Director of the Institute in which student is enrolled will sign on the behalf of supervisor or member.

Note:

- (i) In case the Chairman of Supervisory Committee is also a Chairman of Teaching Department or Director of Institute and is on leave (within country) he must attend the Ph.D. synopsis/thesis defence and a date in this regard shall be fixed with his consultation.
- (ii) For minor change(s) in the title of synopsis/thesis a letter from the supervisory committee of the student will serve the purpose. However, the change(s) in the synopsis/thesis etc. will be notified by the office of the DASR.
- (iii) In case of major change(s), the student will have to defend it again at University level, evaluated by the Supervisory Committee.

5. Teaching assistantship (without any remuneration) for at least one semester shall be mandatory requirement for Ph.D. students to earn Ph.D. degree, which is extendable for another semester. Teacher concerned from the respective department/institute shall submit the completion report through the DASR to the Vice Chancellor. Afterwards, the student will defend his/ her thesis. However, faculty member of CUVAS who got admission in Ph.D. as part time student shall be exempted from teaching assistantship.

6. For minor and major changes in the GS-01 form the student will pay Rs.500/- and Rs. 1000/- respectively as GS-01 correction/revision fee, on the recommendation of the DASR. However, it will be notified by the office of the DASR.

GOVERNING THE RESEARCH SUPERVISION

General Conditions to Supervise Doctoral Research

The following general guidelines shall, at least, be observed while allocating a PhD supervisor. At the time of supervisor allocation, the supervisors:

- i) Shall be a PhD degree holder complying with the criteria and standards set in HEC latest policy
- ii) Must be relevant to the field of research in which the student intends to conduct research.
- iii) Should have NO CONFLICT OF INTEREST in personal, financial, or professional stakes.
- iv) Should have the time and availability to supervise PhD dissertation and give clear and constructive feedback.
- v) Should be capable of conducting themselves in a professional and respectful manner throughout the supervision process.
- vi) Should be capable of maintaining confidentiality and protecting the intellectual property of the dissertation.
- vii) Should, primarily, be a regular/adjunct faculty member of the supervisee's University

In addition to the aforementioned guidelines:

- viii) The research supervisor shall be allocated to a doctoral student from the date of enrolment.
- ix) It is mandated that the maximum supervisory load shall not exceed five PhD students, simultaneously. Further, fresh PhDs can supervise MS/MPhil and co-supervise PhD students, while a PhD faculty member, after two years of obtaining a PhD degree, can supervise one PhD student in 3rd year, two PhD students in 4th year and maximum up to 5 PhD students from 5th year onward, subject to fulfilment of other conditions provided in HEC latest policy.
- x) The university shall allocate supervision/research space to the doctoral students.
- xi) PhD research work completed under supervision is a shared property of supervisor and supervisee. All publications resulting from such research shall reflect the authorship of both parties and shall be subject to mutual consent.

Criteria to Be a PhD Supervisor

To be a PhD research supervisor, an individual shall meet the following requirements:

i) General Requirements:

- a) A PhD degree from an HEC recognized national/international university/degree awarding institute (DAI).
- b) The research supervisor shall be given opportunities to attend and qualify course(s) on MS/MPhil/PhD Supervision which should also have contents on research ethics, publications, patents, etc. Such courses may include certified self-paced MOOCs, or a course designed/offered by National Academy of Higher Education (NAHE) or by a university in the following manner:

- i. Basic level course: to supervise students of MS/MPhil/equivalent degrees.
- ii. Advance level course: to supervise PhD researchers.

c) A regular/adjunct faculty member or researcher at a public or private university or DAI, or position of researcher or scientist at any R&D or public/private sector organization. However, in the case of a non-faculty PhD supervisor, who otherwise meets the criteria of being a PhD supervisor, shall be taken as an adjunct faculty member, for a period not less than the minimum time required to complete the student's PhD research, prior to assigning a PhD supervision. Such a person shall also provide an NOC from the parent organization.

ii. Publication Requirements:

In addition to fulfilling the General Requirements, a PhD supervisor must publish research articles in the HEC's recognized research journals and the category specified in the HJRS for the publication year. Specific Requirements for Science and Technology are:

For indigenous and foreign PhDs:

- i. Within the last 3 years after PhD: at least one research publications in W category journal. OR
- ii. Within last 5 years after PhD: at least five research publications in X category journal (ASRB-4).

Award of Post Graduate Diploma/Certificate

A student who successfully completes coursework and passes the comprehensive examination but is unable to defend a PhD synopsis/research proposal or does not complete the required research for obtaining a PhD degree within the specified timeframe will be granted a Graduate Level Diploma/Certificate/transcripts in accordance with the university rules and regulations. In case of force majeure, the Vice Chancellor shall constitute a committee to investigate the circumstances and submit its recommendation, which shall be considered final. Office of the Controller of Examinations will be responsible to develop the template of such Certificate to be approved from University Statutory Bodies (ASRB-7).

Semester Freezing Policy (ASRB-7 & Academic Council):

A student may apply for a semester break [DC1] after completion of coursework.[DC2] The following rules apply:

1. Application and Fee

- The student must apply in advance and pay the prescribed semester freezing fee for each semester to be frozen.

2. Availability

This option may be availed only once during a student's academic program and cannot be utilized final semester to avoid administrative complications.

- The application must be initiated by the student and forwarded by the Chairman to the Dean of the Faculty.
- Upon the Dean's recommendation, the case will be reviewed and endorsed by the Director of Advanced Studies.
- In the case of students enrolled in an Institute, the application will be forwarded by the Director of the Institute to the Director of Advanced Studies for further processing.
- Final approval shall be granted by the Vice Chancellor.
- A maximum break of two semesters is permitted under this policy.

3. Extension in Exceptional Cases

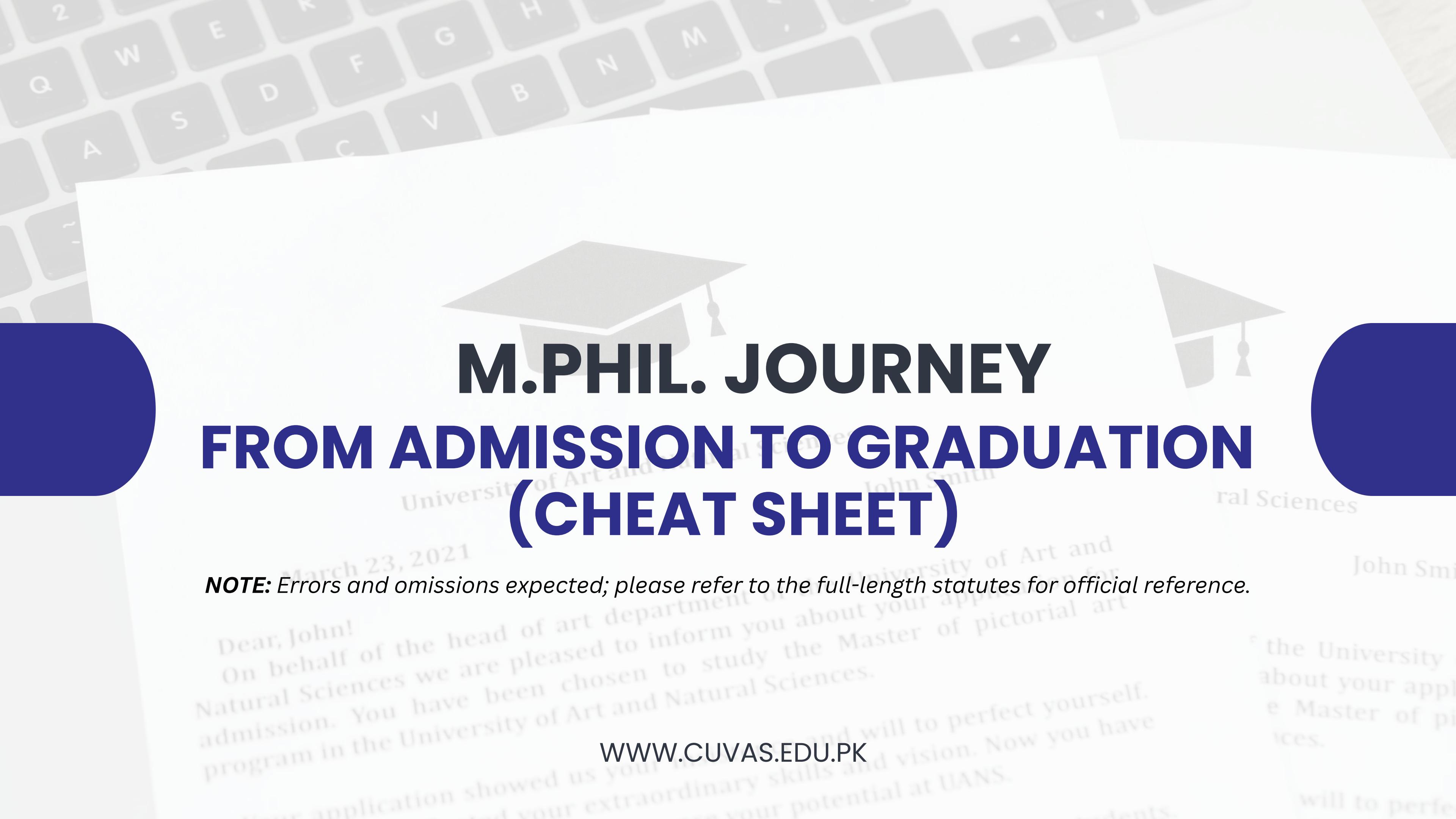
- In extreme hardship cases, the ASRB may allow an extension of up to one additional semester.
- This requires formal recommendations from the Director/Principal/Chairperson of the concerned Institute/Constituent College/Department and the Dean of the relevant faculty.
- The total duration of the break must not exceed three semesters, which corresponds with the maximum permitted break during the PhD program.

4. Resumption of Studies

- The student must rejoin in the next available semester of the subsequent academic session within 10 days of its commencement.
- A formal application for resumption must be submitted to the Director of Advanced Studies, routed through the Chairman and the Dean/Director of the Institute. The Director of Advanced Studies will issue the official notification of resumption.
- Failure to resume studies within this period may result in the student being considered 'Withdrawn', and this status will be formally notified by the Director of Advanced Studies.

5. Additional Guidelines

- The maximum duration allowed for program completion will remain unchanged.
- The student will be exempted from paying any fees or dues during the approved break period.
- All cases of semester break and resumption must be submitted to the Director Advanced Studies for official notification.



M.PHIL. JOURNEY FROM ADMISSION TO GRADUATION (CHEAT SHEET)

NOTE: Errors and omissions expected; please refer to the full-length statutes for official reference.

Phase 1: Entry & Foundation (Sem 1 - 2)

Action / Milestone	Timeframe / Limit	Key Requirements	Forms / Codes
Eligibility & Admission	Pre-Semester	CGPA \geq 2.50 (or 50%)GAT / GRE / University Test \geq 50%	—
Initial Enrollment	Start of Semester 1	Enroll 9–12 Credit Hours (Full-time) \leq 2 Courses (Part-time)	GS-01 (Enrollment)
Supervisor Setup	Within \leq 8 weeks (from S1 start)	Department allot Supervisor Committee formed by early S2	—
Coursework Plan	Start of Semester 2	Supervisory Committee (Supervisor + 2 Members) constituted Submit Plan to DASR	—

Promotion Gates (Sem 1 & 2)

Semester End	Gatekeeper (Must Achieve)	Consequence
End of Sem 1	GPA \geq 2.00	GPA 1.75 – 1.99 \rightarrow Promoted on Probation
End of Sem 2	CGPA \geq 2.00 AND Pass \geq 50% of attempted courses	Failure to meet both \rightarrow Removed from Rolls

Phase 2: Credit Map & Research Approval (Sem 2 - 3)

The focus shifts from coursework survival to research planning.

Component	Credit Hours (CH)	Requirement
Major Courses	12 CH	Core subject courses (codes \geq 701).
Minor Courses	6 CH	Supporting departmental courses.
Compulsory Minors	5 CH	STAT-701 <i>Experimental Statistics</i> [3(3-0)] + BIOC-701 <i>Biochemistry</i> [2(0-2)].
Seminar	1 CH	Must qualify (XXXX-749) based on synopsis.
Thesis	6 CH	Research Dissertation (XXXX-750).
TOTAL	30 CH	<i>(24 Coursework + 6 Thesis)</i>

Sem 3: Critical Milestones

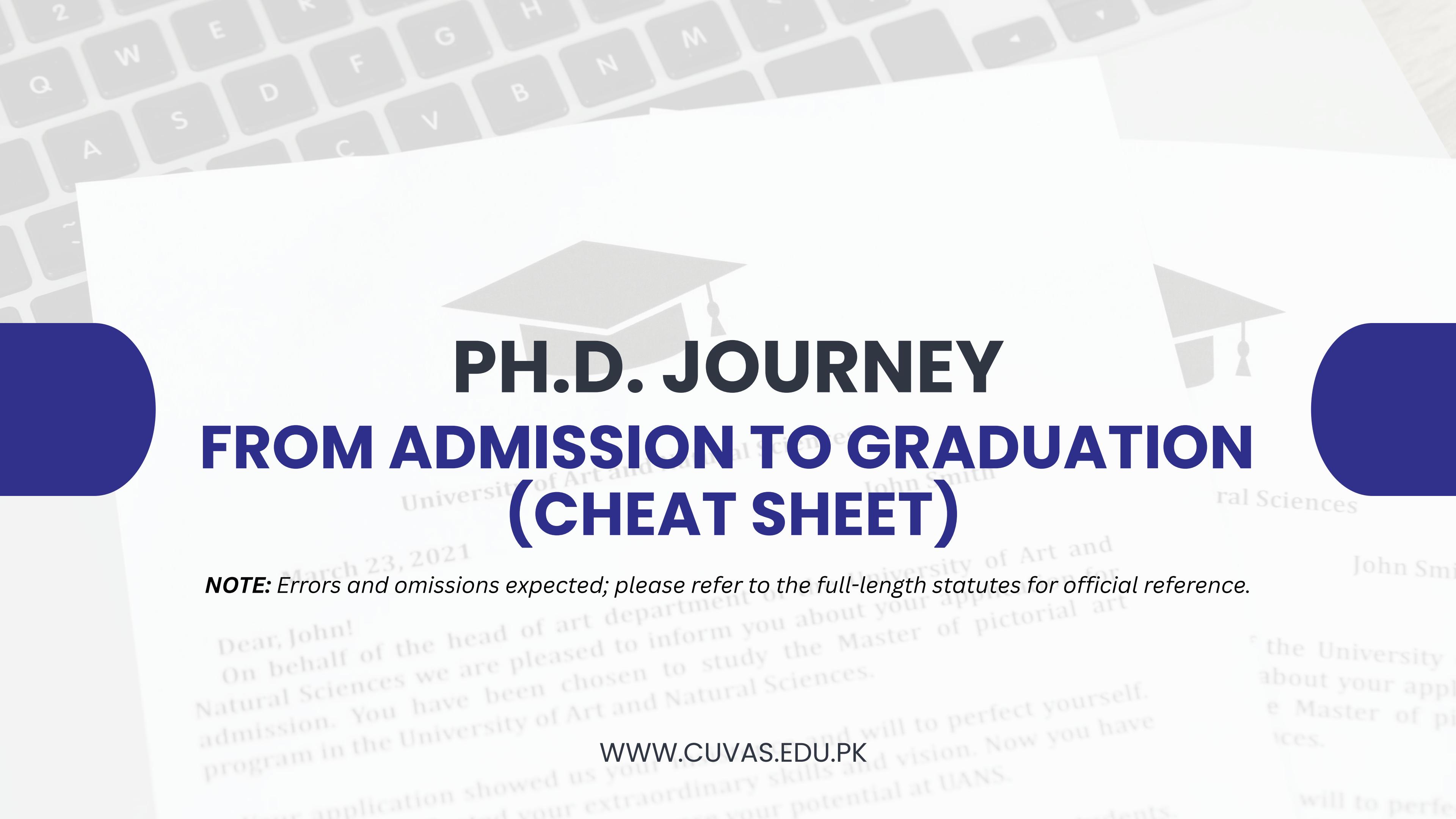
Milestone	Deadline	Administrative Step
Research Title	During Sem 3	Approval via Departmental BoS (Board of Studies) \rightarrow DASR.
Synopsis Submission	End of Sem 3	Submit to DASR. Serves as basis for the Seminar (1 CH).
Progress Check	End of Sem 3	Supervisor submits formal Progress Report.

Phase 3: Thesis Submission & Defense (Sem 4-8)

Action	Timing	Compliance Check
Pre-Thesis Clearance	Before Semi-Final Submission	Clear ALL coursework (24 CH). Submit GS-04 (Thesis Exam Form + Fee) .
Semi-Final Thesis	On/After Day-60 of last semester	Must be signed by Supervisory Committee, HoD/Director, and Dean .
Plagiarism Check	Between Semi & Final	Similarity Report must comply with HEC plagiarism policy .
Final Thesis Submission	On/Before Day-30 after semester ends	Incorporate all corrections and submit to DASR .
Viva-Voce (Defense)	≥ 7 days after External receives thesis	Examination Board = Supervisory Committee + 1 External Examiner.
Degree Award	After SC/External approval	Final CGPA ≥ 2.50 required for degree award.

Critical Compliance Checklist (The Non-Negotiables)

Rule	Requirement	Consequence / Note
Final CGPA	≥ 2.50	Required to earn the degree.
CGPA 2.00– <2.50 (after coursework)	—	One chance to repeat low-grade courses.
Attendance	$\geq 75\%$ (in Theory & Practical separately)	Required to sit in exams.
Duration Limit	Full-time: 4–8 Semesters Part-time (University Employees): 6–8 Semesters	Must complete within limit.
Semester Freeze	Max 2 (Absolute max 3 via ASRB)	Allowed ONCE ONLY; not in 1st or Final semester.
Plagiarism	Checked before final submission	If detected at Viva → Fail + Admission Cancelled (No Readmission) .
Residence	Continuous enrollment required until thesis submission	Summer enrollment optional; not counted toward residence.



PH.D. JOURNEY FROM ADMISSION TO GRADUATION (CHEAT SHEET)

NOTE: Errors and omissions expected; please refer to the full-length statutes for official reference.

Phase 1: Foundation & Coursework (Sem 1 - 3)

Action / Milestone	Timeframe / Deadline	Key Requirement	Forms Required
Admission & Enrollment	Start of 1st Semester	Eligibility: MS/MPhil \geq 3.0 CGPA / 60%; GRE/HAT \geq 60%	GS-01 (Enrollment)
Supervisor Allotment	Within 8 weeks of 1st Semester	Approval by Supervisory Committee (DASR \rightarrow VC)	—
Coursework Completion	Semesters 1-3	24 CH (12 Major, 6 Minor, 2 Seminars, 1 Special Problem)	GS-02 (Course Plan)
Synopsis Submission	End of Sem 3	Research Title \rightarrow BoS; Synopsis Defense (Seminar II)	GS-05 (Synopsis Form)

Phase 2: Achieving Candidacy (Sem 3 - 4)

Milestone	Deadline	Passing Criteria	Forms Required
Apply for Exam	After Coursework Completion	Must qualify within 2 Years (Full-time) / 3 Years (Part-time)	GS-04 (Exam Application)
Comprehensive Exam (Written)	As Scheduled	3 Papers (2 Major, 1 Minor) – 65% each (Max 2 Attempts)	—
Comprehensive Exam (Oral)	Within 3 months of Written Result	Grade \geq B from each member (Max 2 Attempts)	—
Status Conferred	Upon Passing Both Exams	“PhD Candidate” status officially granted	—

Phase 3: Research & Publication (Sem 4 - 6)

The core period for data collection, analysis, and teaching responsibility.

Task	Description	Compliance Check
Progress Reporting	Conduct research as per approved synopsis.	Submit GS-03 Progress Report each semester to DASR.
Teaching Obligation	Mandatory Teaching Assistantship duty.	Minimum 1 Semester (extendable to 2); must be completed before Defense .
Publication Requirement	Publish research in HEC-recognized journals.	1x W Category or 2x X Category (Scholar must be 1st Author).
Plagiarism Check	Mandatory before external evaluation.	Conducted by QEC ; must comply with HEC plagiarism policy.

Phase 4: Thesis & Degree Award (Completion)

Milestone	Process Detail	Timeframe
Pre-Submission Display	Thesis draft displayed in Department for feedback.	1 Week (comments invited from faculty/students).
Foreign Evaluation	Sent to 2 External Reviewers (THE/QS Top-500 or H-index ≥ 30).	—
Re-Submission	If major revisions required by examiner.	Within 1 Semester after receiving reports.
Local Defense (Viva)	Final defense before Evaluation Committee.	Within 4 months after receiving examiner reports.
Final Submission	Hard/Soft copies to Library & HEC (3 Hard + 2 CDs).	Attach Forms GS-06, 07, 08 .
Degree Award	VC approval and official notification.	Minimum 3 Years – Maximum 8 Years (Total Limit).

Critical Compliance Checklist (Non-Negotiables)

Rule	Requirement	Consequence for Non-Compliance
CGPA	Minimum 3.0 required to continue research.	2.50–2.99 → Warning (One chance to improve).
Attendance	75% in all registered courses.	May affect eligibility to sit in final exams.
Time Limit	Max 8 Years (with freeze max 2; 3 for Force Majeure).	Beyond limit → Discontinuation.
Plagiarism	Work must pass QEC check before foreign evaluation.	Immediate Admission Cancellation (No re-admission).
Readmission	After unauthorized gap/stoppage.	Fee Rs. 2,000 + Rs. 20,000 per missed semester.



M.PHIL. PROGRAMS & COURSES OFFERED

WWW.CUVAS.EDU.PK



Faculty of **Bio-Sciences**

1. Department of Anatomy & Histology

Course Code	Course Title	Credit Hours
ANAT-701	Surgical Anatomy	3(1-2)
ANAT-702	Comparative Anatomy of Reproductive System	3(2-1)
ANAT-703	Basic Histology and Morphometric Techniques	1(0-1)
ANAT-704	Advanced Histology-I	3(2-1)
ANAT-705	Avian Anatomy and Histology	4(2-2)
ANAT-706	Anatomy of Laboratory Animals	1(0-1)
ANAT-707	Comparative Anatomy and Histology of Endocrine Glands	3(2-1)
ANAT-708	Systemic Anatomy and Histology of Camel	3(2-1)
ANAT-709	Neuro Anatomy	3(2-1)
ANAT-710	Histological and Histochemical Techniques	3(0-3)
ANAT-711	Mammalian Embryology	3(2-1)
ANAT-712	Biological Ultrastructure	3(2-1)
ANAT-713	Experimental Embryology	3(0-3)
ANAT-714	Techniques in Electron Microscopy	3(1-2)
ANAT-715	Advanced Histology-II	3(2-1)

2. Department of Physiology and Bio-Chemistry

Course Code	Course Title	Credit Hours
BIOC-701	Experimental Biochemistry (Minor Compulsory)	2(0-2)
BIOC-702	Advances in Biochemistry	3(3-0)
BIOC-703	Redox Biology and Photo-medicine	3(3-0)
BIOC-704	Enzyme-Kinetics and Mechanism	3(2-1)
BIOC-705	Advances in Cell Biology (Deficiency)	3(3-0)
BIOC-706	Advances in Medical Biochemistry	3(2-1)
BIOC-707	Biochemistry of Metabolic Disorders	3(2-1)
BIOC-708	Biochemistry of Natural Products	3(3-0)
BIOC-709	Industrial Biochemistry	3(2-1)
BIOC-710	Biochemistry of Drugs and their Resistance	3(3-0)

Course Code	Course Title	Credit Hours
BIOC-711	Food Biochemistry	3(3-0)
BIOC-712	Plant Biochemistry	3(2-1)
BIOC-713	Research Methodology in Biochemistry	3(3-0)
BIOC-714	Advances in Biotechnology	3(3-0)
BIOC-715	Advanced Biostatistics	3(3-0)
BIOC-716	Advanced Bioinformatics	3(3-0)
BIOC-717	Advances in Endocrinology	3(3-0)
BIOC-718	Application of Nanomaterial in Biochemical Sciences	3(3-0)
BIOC-719	Advances in Molecular Biology	3(3-0)
BIOC-720	Lab Techniques in Biochemistry	3(0-3)

3. Department of Pharmacology and Toxicology

Course Code	Course Title	Credit Hours
PHRM-701	General Pharmacology	3(2-1)
PHRM-702	Advanced Pharmacology-I	3(2-1)
PHRM-703	Pharmaceutics	3(2-1)
PHRM-704	Pharmacology of Central Nervous System	3(2-1)
PHRM-705	Pharmacotherapy	3(2-1)
PHRM-706	General Toxicology	3(2-1)
PHRM-707	Chemotherapy	3(2-1)
PHRM-708	Pharmacology of Autacoids	2(1-1)
PHRM-709	Recent Advances in Pharmacology and Toxicology	1(1-0)
PHRM-710	Pharmacology of Indigenous Medicinal Plants	3(2-1)
PHRM-711	Environmental Toxicology	3(2-1)
PHRM-712	Special Problem	1(0-1)

4. Department of Food Sciences

Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit Hours
FSAT-701	Food Quality Assurance Management	3(3-0)	FSAT-711	Food Toxicology	3(3-0)
FSAT-702	Food Safety and Laws	3(3-0)	FSAT-712	Poultry Processing	3(2-1)
FSAT-703	Food Additives	3(2-1)	FSAT-713	Research Methods & Scientific Writing in Food Science	3(3-0)
FSAT-704	Dairy Processing	3(2-1)	FSAT-714	Techniques in Food Microbiology	3(2-1)
FSAT-705	Post Harvest Management	3(3-0)	FSAT-715	Fish and Seafood Processing	3(2-1)
FSAT-706	Baking Science and Technology	3(2-1)	FSAT-716	Technology of Processed Meat	3(2-1)
FSAT-707	Food Enzymology	3(2-1)	FSAT-720	Seminar	1(0-1)
FSAT-708	Industrial Processing Technology of Edible Oils and Fats	3(2-1)	FSAT-749	Seminar	1(0-1)
FSAT-709	Physical Properties of Food	3(2-1)	FSAT-750	Research and Thesis	6(0-6)
FSAT-710	Milling of Cereals	3(2-1)			



Faculty of Veterinary Sciences

1. Department of Pathology

Course Code	Course Title	Credit Hours
PATH-701	Advanced General Pathology	3(2-1)
PATH-702	Advanced Clinical Pathology	3(1-2)
PATH-703	Necropsy Practice	2(0-2)
PATH-704	Canine and Feline Pathology	3(2-1)
PATH-705	Pathology of Infectious Diseases of Poultry	3(2-1)
PATH-706	Food Animal Pathology	3(2-1)
PATH-707	Immunopathology	3(2-1)
PATH-708	Molecular Pathobiology	3(2-1)
PATH-709	Toxicopathology	3(2-1)
PATH-710	Veterolegal Pathology	2(2-0)

Course Code	Course Title	Credit Hours
PATH-711	Pathology of Nutritional and Metabolic Disturbances	3(2-1)
PATH-712	Molecular Pathology of Cell Injury	3(2-1)
PATH-713	Experimental Pathology	2(1-1)
PATH-714	Pathology of Zoonotic Diseases	3(2-1)
PATH-715	Veterinary Anatomic and Surgical Pathology	2(0-2)
PATH-716	Laboratory Animal Pathology	3(2-1)
PATH-717	Special Problem	1(0-1)

2. Department of Parasitology

Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit Hours
PARA-701	Advanced General Parasitology	3(2-1)	PARA-711	Medical Protozoology and Helminthology	3(2-1)
PARA-702	Advanced Protozoology	3(2-1)	PARA-712	Applied Helminthology	3(2-1)
PARA-703	Food and Waterborne Parasitic Diseases	3(2-1)	PARA-713	In-Vitro Cultivation of Parasites	3(2-1)
PARA-704	Diagnostic Techniques in Parasitology	3(2-1)	PARA-714	Biotechnology for Parasitic Control	1(0-1)
PARA-705	Techniques in Molecular Parasitology	3(2-1)	PARA-715	Veterinary Clinical Parasitology	2(1-1)
PARA-706	Chemotherapy of Parasitic Diseases	3(2-1)	PARA-716	Research Methodologies and Ethics in Parasitology	1(1-0)
PARA-707	Advanced Parasitic Zoonoses	3(2-1)	PARA-718	Medical Entomology	3(2-1)
PARA-708	Epidemiology of Parasitic Diseases	2(1-1)	PARA-719	Wildlife Parasitology	3(2-1)
PARA-709	Bioinformatics Tools in Parasitology	3(2-1)	PARA-720	Physiology of Endoparasites	3(2-1)
PARA-710	Avian Parasitology	3(2-1)			

3. Department of Microbiology

Course Code	Course Title	Credit Hours
MICR-701	Microbiological Techniques	3(1-2)
MICR-702	Advanced General Bacteriology	3(2-1)
MICR-703	Immunology	3(2-1)
MICR-704	Advanced Virology	3(2-1)
MICR-705	Mycology	3(1-2)
MICR-706	Vaccinology	3(2-1)
MICR-707	Cell Culture	3(2-1)
MICR-708	Immunological Techniques	3(1-2)
MICR-709	Techniques in Molecular Biology	3(1-2)
MICR-710	Microbial Physiology	3(2-1)

Course Code	Course Title	Credit Hours
MICR-711	Advanced Environmental Microbiology	3(2-1)
MICR-712	Public Health Microbiology	3(2-1)
MICR-713	Current Topics in Microbiology	1(1-0)
MICR-714	Microbial Genome Engineering	3(3-0)
MICR-715	Food and Nutritional Microbiology	3(2-1)
MICR-716	Biorisk Management	3(2-1)
MICR-717	Antimicrobial Resistance	3(2-1)
MICR-718	Bioenergy and Biorefinery	3(2-1)

4. Department of Medicine

Course Code	Course Title	Credit Hours
MEDI-701	Camel Health and Diseases	3(3-1)
MEDI-702	Diagnostic Tools in Clinical Medicine	3(2-1)
MEDI-703	Laboratory Animal Medicine	3(2-1)
MEDI-704	Zoo and Wild Animal Health	3(2-1)
MEDI-705	Diseases of Fish	3(2-1)
MEDI-706	Veterinary Neonatology	3(3-0)
MEDI-707	Veterinary Medicine and Public Health	3(2-1)
MEDI-708	Udder Health of Dairy Animals	3(2-1)
MEDI-709	Advanced Dairy Herd Health	3(2-1)
MEDI-710	Scientific Readings in Veterinary Medicine	1(1-0)
MEDI-711	Diseases of Dogs and Cats	3(2-1)
MEDI-712	Equine Health Management	3(2-1)
MEDI-713	Biotechnology in Animal Health	3(3-1)

5. Department of Surgery

Course Code	Course Title	Credit Hours
SURG-701	Radiology and Ultrasonography	3(2-1)
SURG-702	Anaesthesia and Critical Care	3(2-1)
SURG-703	Surgical Techniques for Small Animals	3(2-1)
SURG-704	Surgical Techniques for Large Animals	3(2-1)
SURG-705	Pet Emergency & Critical Care	3(2-1)
SURG-706	Avian Surgery	3(2-1)
SURG-707	Equine Lameness	3(2-1)
SURG-708	Ruminant Surgery	3(2-1)
SURG-709	Equine Surgery	3(2-1)
SURG-710	Orthopaedic Surgery	3(2-1)
SURG-711	Advanced Studies in Veterinary Surgical Techniques	1(1-0)
SURG-712	PG Clinic-I	1(0-1)
SURG-713	PG Clinic-II	1(0-1)

6. Department of Epidemiology & Public Health

Course Code	Course Title	Credit Hours
EPPH-701	Design and Analysis of Clinical Trials	3(2-1)
EPPH-702	Advanced Veterinary Preventive Medicine	3(2-1)
EPPH-703	Epidemiological Approaches to Disease Investigation and Control	3(3-0)
EPPH-704	Communicable Disease Control	3(2-1)
EPPH-705	Epidemiological Surveillance	3(2-1)
EPPH-706	Case Control Studies and Cohort Studies	3(2-1)
EPPH-707	Advanced Reading in Preventive Medicine and Public Health	1(1-0)
EPPH-708	Zoonoses and Their Control Strategies	3(3-0)
EPPH-709	Advanced Herd Health and Husbandry Practices	2(2-0)
EPPH-710	Problems in Disease Control and Eradication	3(3-0)

Course Code	Course Title	Credit Hours
EPPH-711	Active Surveillance and Passive Surveillance	3(3-0)
EPPH-712	Control of Mastitis, Neonatal Mortality and Infertility	3(3-0)
EPPH-713	Epidemiology and Control of Reproductive Disorders	2(2-0)
EPPH-714	Epidemiology and Control of Sheep and Goat Diseases	3(2-0)
EPPH-715	Epidemiology and Control of Buffalo, Cattle and Camel Diseases	3(3-0)
EPPH-716	Advanced Strategies for Livestock Vaccination	2(2-0)
EPPH-717	Surveillance and Control of Avian Diseases	3(2-2)
EPPH-718	Advanced Strategies for Poultry Vaccination	2(2-0)
EPPH-720	Seminar	1(1-0)



Faculty of Animal Production & Technology



1. Department of Animal Nutrition

Course Code	Course Title	Credit Hours
NUTR-701	Physiology and Biochemistry of Nutrition	3(3-0)
NUTR-702	Feed Resources and Their Nutritive Value	3(2-1)
NUTR-703	Protein Metabolism	2(2-0)
NUTR-704	Minerals in Nutrition	3(2-1)
NUTR-705	Analytical Techniques in Nutrition	3(0-3)
NUTR-706	Research Methods in Animal Nutrition	3(2-1)
NUTR-707	Nutrition of Calves	2(2-0)
NUTR-708	Nutrition of Dairy Animals	3(2-1)
NUTR-709	Nutrition of Small Ruminants	3(2-1)
NUTR-710	Nutrition of Broilers	3(2-1)
NUTR-711	Metabolic Disorders	2(2-0)
NUTR-712	Feed Ingredient Storage and Processing	2(2-0)

2. Department of Livestock management

Course Code	Course Title	Credit Hours
LSMG-701	Commercial Dairy Production	4(3-1)
LSMG-702	Milk Synthesis and Secretion	4(3-1)
LSMG-703	Behaviour and Welfare of Domestic Animals	3(2-1)
LSMG-704	Livestock Management in Cholistan Region	3(2-1)
LSMG-705	Draught Animal's Management	3(2-1)
LSMG-706	Fodder Production, Pasture and Rangeland Management	2(1-1)
LSMG-707	Sheep and Goat Production	3(2-1)
LSMG-708	Goat Housing Structures and Equipment	3(2-1)
LSMG-709	Camel Production and Management	3(2-1)
LSMG-710	Innovations in Livestock Management	2(2-0)
LSMG-711	Dairy Housing Structures and Equipment	3(2-1)
LSMG-712	Beef Production	3(2-1)
LSMG-713	Application of Statistical Techniques in Animal Production Research	2(0-2)

3. Department of Poultry Science

Course Code	Course Title	Credit Hours
PSCI-701	Poultry Breeding and Production	4(3-1)
PSCI-702	Hatchery Operation and Management	4(3-1)
PSCI-703	Poultry Housing and Environment	4(3-1)
PSCI-704	Poultry Feeding Practices	4(3-1)
PSCI-705	Commercial Layer Farming	4(3-1)
PSCI-706	Production of Table Poultry	4(3-1)
PSCI-707	Poultry Health and Hygiene	4(3-1)
PSCI-708	Poultry Products	4(3-1)
PSCI-709	Avian Physiology	3(2-1)
PSCI-710	Avian Embryology	3(2-1)
PSCI-711	Poultry Business Management	3(2-1)
PSCI-712	Recent Advances in Poultry Science	3(2-1)
PSCI-713	Poultry Industry in Pakistan	3(2-1)
PSCI-714	Rural Poultry Production	3(2-1)

4. Department of Breeding & Genetics

Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit Hours
ANBG-701	General Genetics	3(2-1)	ANBG-712	Animal Cytogenetics	3(2-1)
ANBG-702	Population Genetics	3(2-1)	ANBG-713	Poultry Genetics and Breeding	3(2-1)
ANBG-703	Animal Breeding Plans	3(2-1)	ANBG-714	Fish Genetics and Breeding	3(2-1)
ANBG-704	Breeding of Farm Animals	4(3-1)	ANBG-715	Computational Breeding of Farm Animals	3(0-3)
ANBG-705	Molecular Genetics of Farm Animals	3(2-1)	ANBG-716	Dairy Animal Breeding	3(2-1)
ANBG-706	Statistical Methods in Animal Production Research	3(2-1)	ANBG-717	Beef Animal Genetics and Breeding	3(2-1)
ANBG-707	Efficiency of Reproduction in Farm Animals	3(2-1)	ANBG-718	Laboratory Animal Breeding	1(1-0)
ANBG-708	Biometrical Genetics	3(2-1)	ANBG-719	Preparation of Research Projects and Scientific Writing	3(1-2)
ANBG-709	Theory of Genetic Selection	3(3-0)	ANBG-749	Seminar	1(0-1)
ANBG-710	Theory of Inbreeding	3(3-0)	ANBG-750	Research and Thesis	6(0-6)
ANBG-711	Experimental Techniques in Population Genetics	3(1-2)			

5. Department of Meat Technology

Course Code	Course Title	Credit Hours
MSTC-703	Meat Biochemistry	3(2-1)
MSTC-704	Meat Production	3(2-1)
MSTC-705	Food Animals Welfare	2(1-1)
MSTC-706	Industrial Meat Processing and Product Development	3(1-2)
MSTC-707	Advanced Poultry Processing	3(2-1)
MSTC-708	Meat Refrigeration	2(1-1)

6. Department of Genomics & Bioinformatics

Course Code	Course Title	Credit Hours
BINF-701	Advances in Molecular Biology	3(3-0)
BINF-702	Advanced Bioinformatics	3(2-1)
BINF-703	Techniques in Artificial Intelligence	3(2-1)
BINF-704	Information Retrieval and Processing	3(2-1)
BINF-705	Statistical Methods in Bioinformatics	3(3-0)
BINF-706	Computational Algorithms	3(2-1)
BINF-707	Software Engineering	3(1-2)
BINF-708	Immunoinformatics	3(2-1)
BINF-709	Advances in Genomics and Proteomics	3(3-0)
BINF-710	Modern Techniques in Molecular Biology	3(2-1)
BINF-711	Metabolomics	3(3-0)
BINF-712	DNA Microarrays and Integrative Genetics	3(3-0)
BINF-713	Nanoinformatics	3(3-0)
BINF-714	Big Data Analytics	3(1-2)

1. Department of Zoology

Course Code	Course Title	Credit Hours
ZOOL-701	Advanced Techniques in Zoological Sciences	3(3-0)
ZOOL-702	Advanced Mammalogy	3(2-1)
ZOOL-703	Applied Entomology	3(2-1)
ZOOL-704	Applied Microbiology	3(2-1)
ZOOL-705	Fish and Aquatic Toxicology	3(2-1)
ZOOL-706	Elements of Stratigraphy and Structural Geology	3(2-1)
ZOOL-707	Molecular Evolution	3(3-0)
ZOOL-708	Advances in Aquaculture	3(2-1)
ZOOL-709	Advanced Ornithology	3(2-1)
ZOOL-710	Advanced Cell and Molecular Biology	3(2-1)
ZOOL-711	Advances in Wildlife	3(2-1)
ZOOL-712	Applied Genetics	3(2-1)
ZOOL-713	Applied Helminthology	3(2-1)
ZOOL-714	Biological Toxicology	3(3-0)

Course Code	Course Title	Credit Hours
ZOOL-715	Biology of Birds and Mammals in Pakistan	3(2-1)
ZOOL-716	Wildlife Conservation Biology	3(2-1)
ZOOL-717	Diagnostic Parasitology	3(2-1)
ZOOL-718	Environmental Toxicology	3(2-1)
ZOOL-719	Fish Requirements	3(2-1)
ZOOL-720	General Toxicology	3(2-1)
ZOOL-721	Lab and Biosafety	3(3-0)
ZOOL-722	Medical Microbiology	3(2-1)
ZOOL-723	Medical Parasitology	3(2-1)
ZOOL-724	Principles of Insect Taxonomy	3(2-1)
ZOOL-725	Principles of Wildlife Management	3(3-0)
ZOOL-726	Research Methodology and Scientific Writing	3(3-0)
ZOOL-749	Seminar	1(0-1)
ZOOL-750	Research and Thesis	6(0-6)

2. Department of Fisheries & Aquaculture

Course Code	Course Title	Credit Hours
FISH-701	Advanced Planktology	3(3-0)
FISH-702	Fish Breeding and Conservation	3(2-1)
FISH-703	Aquaculture and Fisheries	3(2-1)
FISH-704	Fish and Aquatic Toxicology	3(2-1)
FISH-705	Fish Requirements	3(3-0)
FISH-706	Diseases of Fish	3(2-1)
FISH-707	Fish Processing and Quality Assurance	3(2-1)
FISH-708	Fish Biotechnology	3(3-0)
FISH-709	Fish Immunology	3(3-0)
FISH-710	Global Climate Change and Impact on Aquatic Life	3(3-0)
FISH-711	Fisheries and Aquaculture Economics	3(3-0)
FISH-712	Application of GIS in Fisheries	3(2-1)
FISH-713	Recreational and Ornamental Fishes	3(3-0)
FISH-714	Biology of Ornamental Fish and Aquaria Management	3(2-1)

Course Code	Course Title	Credit Hours
FISH-715	Aquaculture Biotechnology	3(3-0)
FISH-716	Fish Breeding and Hatchery Management	3(2-1)
FISH-717	Fish Nutrition and Health	3(2-1)
FISH-718	Fish Parasitology	3(2-1)
FISH-719	Fish Processing and Value Addition	3(3-0)
FISH-720	Shrimp Farming	3(2-1)
FISH-721	Fisheries Extension Education	3(3-0)
FISH-722	Biofloc Fish Farming	3(3-0)
FISH-749	Seminar	1(0-1)
FISH-750	Research and Thesis	6(0-6)



PH.D.
PROGRAMS & COURSES
OFFERED

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Faculty of **Bio-Sciences**

1. Department of Pharmacology & Toxicology

Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit Hours
PHRM-751	Advanced Pharmacology-II	3(2-1)	PHRM-760	Ethnopharmacology	3(2-1)
PHRM-752	Pharmacokinetics	3(2-1)	PHRM-761	Toxicology of Poisonous Plants	3(2-1)
PHRM-753	Pharmacology of Autonomic Nervous System	3(2-1)	PHRM-762	Mycotoxins and Zootoxins	3(2-1)
PHRM-754	Renal and Reproductive Pharmacology	3(2-1)	PHRM-763	Aquatic Toxicology	3(2-1)
PHRM-755	Systemic Toxicology	3(2-1)	PHRM-764	Preparation of Research Projects and Scientific Writing	3(1-2)
PHRM-756	Biochemical Pharmacology	2(1-1)	PHRM-797	Special Problem	1(0-1)
PHRM-757	Clinical Drug Trials	3(2-1)	PHRM-798	Seminar-I	1(1-0)
PHRM-758	Advanced Readings in Pharmacology and Toxicology	2(2-0)	PHRM-799	Seminar-II	1(1-0)
PHRM-759	Problems in Clinical Pharmacology	2(0-2)	PHRM-800	Research and Thesis	24(0-24)

2. Department of Food Science

Course Code	Course Title	Credit Hours
FSAT-751	Recent Advances in Food Science and Technology	3(3-0)
FSAT-754	Functional Foods: Bioactive Components in Foods and Nutraceuticals	3(2-1)
FSAT-759	Cheese Technology	3(2-1)
FSAT-760	Advanced Food Chemistry	3(2-1)
FSAT-797	Special Problem	1(0-1)



Faculty of Veterinary Sciences



1. Department of Pathology

Course Code	Course Title	Credit Hours
PATH-751	Diagnostic Pathology	3(0-3)
PATH-752	Oncology	3(2-1)
PATH-753	Pathology of Intoxications	3(2-1)
PATH-754	Ruminants Pathology	3(2-1)
PATH-755	Equine Pathology	3(2-1)
PATH-756	Camel Pathology	3(2-1)
PATH-757	Fish Pathology	3(2-1)
PATH-758	Wildlife Pathology	3(2-1)
PATH-759	Pathology of Non-infectious Diseases of Poultry	3(2-1)
PATH-760	Special Problem	1(0-1)
PATH-761	Hematopathology	3(2-1)
PATH-798	Seminar-I	1(0-1)
PATH-799	Seminar-II	1(1-0)
FISH-714	Biology of Ornamental Fish and Aquaria Management	3(2-1)

2. Department of Microbiology

Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit Hours
MICR-751	Clinical Microbiology	3(1-2)	MICR-761	Avian Immunology	3(1-2)
MICR-752	Advanced Systematic Bacteriology	3(1-2)	MICR-762	Animal Food Microbiology	3(2-1)
MICR-753	Cellular and Molecular Immunology	3(2-1)	MICR-763	Viral Zoonosis	3(2-1)
MICR-754	Mycotoxicosis	3(1-2)	MICR-764	Current Topics in Immunology	1(1-0)
MICR-755	Oncogenic Viruses	3(2-1)	MICR-765	Current Topics in Mycology	1(1-0)
MICR-756	Molecular Biology of Viruses	3(2-1)	MICR-797	Special Problem	1(1-0)
MICR-757	Advanced Anaerobiology	3(1-2)	MICR-798	Seminar	1(1-0)
MICR-758	Advanced Spirochaetology	3(1-2)	MICR-799	Seminar	1(1-0)
MICR-759	Advanced Epidemiology	3(2-1)	MICR-800	PhD Thesis	24(0-24)
MICR-760	Microbial Genetics	3(2-1)			



Faculty of Animal Production & Technology



1. Department of Breeding & Genetics

Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit Hours
ANBG-751	Advance Research Projects, Proposals and Scientific Report Writing	3(1-2)	ANBG-760	Advances in Selection Methodology	3(2-1)
ANBG-752	Computer Assisted Animal Genetics	3(2-1)	ANBG-761	Recent Trends in Animal Breeding	2(2-0)
ANBG-753	Animal Genomics	3(2-1)	NUTR-763	Nutrition of Pet and Zoo Animals	3(2-1)
ANBG-754	Advanced Poultry Breeding	3(3-0)	ANBG-762	Advances in Biometrical Genetics	3(2-1)
ANBG-755	Utilization of Non-Additive Genetic Variance in Farm Animals	3(2-1)	ANBG-763	Special Problem	1(1-0)
ANBG-756	Equine Genetics and Breeding	3(2-1)	ANBG-798	Seminar I	1(1-0)
ANBG-757	Camel Genetics and Breeding	3(2-1)	ANBG-799	Seminar II	1(1-0)
ANBG-758	Canine and Feline Genetics and Breeding	3(2-1)	ANBG-800	Research and Thesis	24(0-24)
ANBG-759	Fancy Birds Genetics and Breeding	3(3-0)			



Cholistan Institute of Biological Sciences (CIBS)

1. Department of Zoology

Course Code	Course Title	Credit Hours
ZOOL-751	Research Methodology / Writing Skills	3(3-0)
ZOOL-752	Limnology	3(3-0)
ZOOL-753	Advanced Conservation Biology	3(3-0)
ZOOL-754	Advances in Bioinformatics	3(2-1)
ZOOL-755	Advanced Insect Pest Management	3(2-1)
ZOOL-756	Captive Wildlife Management	3(2-1)
ZOOL-757	Environmental Microbiology	3(3-0)
ZOOL-758	Advanced Immunology	3(3-0)
ZOOL-759	Quantitative Population Ecology	3(3-0)
ZOOL-760	Pollution Ecology of Water Bodies	3(3-0)
ZOOL-761	Vertebrate Paleontology	3(3-0)
ZOOL-762	Invertebrate Paleontology	3(3-0)
ZOOL-763	Environmental Toxicology	3(3-0)

Course Code	Course Title	Credit Hours
ZOOL-764	Advances in Forensic Biology	3(1-2)
ZOOL-765	Aquatic Toxicology	3(3-0)
ZOOL-767	Behavioral Ecology	3(2-1)
ZOOL-768	Medical Entomology	3(2-1)
ZOOL-769	Biosafety and Biosecurity: Principles & Practices	3(2-1)
ZOOL-770	Fish Diseases and Health Management	3(2-1)
ZOOL-797	Special Problem	1(0-1)
ZOOL-798	Seminar-I	1(0-1)
ZOOL-799	Seminar-II	1(0-1)
ZOOL-800	Research & Thesis	24(0-24)

POSTGRADUATE IMPORTANT FORMS

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IMPORTANT FORMS

AFFIDAVIT

1. I solemnly declare that all the particulars mentioned in the admission application form are true and correct and I fully understand that if any of the statements made in the application is found to be incorrect, I would be liable to refusal for admission to CUWAS. If otherwise eligible for admission and admitted, I would be liable to be expelled from the University / College at any time during the course of my studies in which case all fee and other dues paid by me to the University / College shall be forfeited and any further departmental or legal action which the University / College authority may deem fit to take.
2. I also solemnly declare that, if admitted, I will abide by the discipline, rules, regulations and instructions of the University / College as enforced at present and made from time to time by the University / College authorities in future. I will concern myself only with the academic activities and such extracurricular activities, which are allowed by the University / College for the healthy growth of body and mind. I undertake that I will not take part in any political activity or agitation and I will not become a member of any student wing of political, sectarian or caste-based parties of Pakistan. In matters of discipline, the decision of the Deans/Principal/Principal Officer will be final and binding on me and I will not challenge that decision in any court of law in the country. I will be regular in paying University / College dues and will be punctual in attending my classes. I will not absent myself from teaching programs without prior permission of the authority.
3. I undertake that so long as I am a student of the University / College, I will do nothing either inside or outside the campus, hostels and hospital premises that may interfere with its orderly administration and discipline or may bring the University / college of its administration into disrepute.
4. I fully understand that if I fail to clear any semester during the degree program in the chances available or un-awarded after becoming eligible for each examination, I shall cease to be on role of the University / College.
5. If I violate the above affidavit I shall be liable to appropriate punishment(s) as per rules and regulation of the University.

Counter signature of student's Father

Father's Name _____
NIC No. _____

Signature of the Student

ATTESTATION BY OATH COMMISSIONER

IMPORTANT FORMS

CUVAS Cholistan University of Veterinary & Animal Sciences, Bahawalpur



GS/02

PROFORMA FOR COURSE WORK

(Course Work for M.Sc. / M. Phil. / Ph. D)

- (i) Department _____
- (ii) Name of Student _____
- (iii) Registered No. _____
- (iv) Date of Admission _____
- (v) Name of Supervisor _____

SUPERVISORY COMMITTEE

(Chairperson) _____
(Co-Supervisor, if any) _____
(Member) _____
(Member) _____

COURSE WORK

Title of the Course _____

(a) Major Courses

(b) Minor Courses

Total (a) (_____)

(c) Compulsory Minor

Total (b) (_____)

Total (c) (_____)

Grand Total (a+b+c) (_____)

Dean

Faculty of _____

Chairperson _____

Department of _____

Director.....

Advance Studies and Research,

CUVAS, Bahawalpur.

IMPORTANT FORMS

CUVAS Cholistan University of Veterinary & Animal Scienc GS/03 Morning/Self/Evening

PERFORMA FOR PROGRESS REPORT OF M PHIL/PHD STUDENTS (GS/03)

PART A (to be filled by the student)

Department _____	2. Date of admission _____
1. Name of the student _____	3. Course work approved _____ (Yes/No)
4. Faculty _____	5. Regd. # _____
6. No. of semesters completed _____	7. Synopsis approved _____ (Yes/No).
8. Employment status University/Govt/Private/Others _____	9. Supervisory Committee:
(a) _____ (Chairperson) (b) _____ (Member)	(c) _____ (Member) (d) _____ (Member)
10. Progress in course work programme (enrolled courses)	11. Progress in research (give details)
(a) No. of credit enrolled. _____ (b) No. of credit qualified _____	(c) GPA/CGPA _____
12. (i) The student has completed the course within the prescribed limit and he/she did not fail.	
(ii) Prescribed time (Date/Month) for completion of the course / program and that it is expected to complete the course / program till that time.	

PART B (TO BE FILLED IN BY THE SUPERVISOR)

12. Comments and recommendations of the Supervisor:
 - (a) The performance in course work program.
 - (b) Performance in research
 - (c) (Time spent & result achieved)

(Supervisor) _____
(Chairperson of the Department)

(Dean of the Faculty) _____

Subject of thesis as approved by the ASRB Title of Research Report Project: _____

Date of Approval: _____

Names of the members of Supervisory Committee:

1. _____

2. _____

3. _____

4. _____

For Rs. _____ paid vide Habib Bank Challan No. _____ dated: _____
(copy enclosed) I solemnly declare that the information given in this form is correct to best of my knowledge and belief.

Dated: _____
Certified that Mr/Ms/Mrs. _____
has worked under my guidance on the above project and
research done is his bonafide work.

Dated: _____
Signature of the Supervisor

Certified that:

- a) The candidate bears a good moral character.
- b) He attended at least 75% lectures and practical in the courses mentioned on page 1.
- c) Is a fit person to be admitted to the examination.

Dated: _____
Signature of the Chairman of Deptt.

Dated: _____
Signature of the Dean of Faculty

Certified that the candidate was admitted by the ASRB to the M. Phil/PhD courses during the Semester _____ and the course work, the members of Supervisory Committee and the subject of three synopsis, were duly approved. He has fulfilled the residential requirements.

Director,
Advance Studies and Research,
CUVAS, Rahawalpur

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CERTIFICATE FOR APPROVAL (GS-06)

This is to certify that the research work presented in this thesis, entitled _____

was conducted by _____ under the supervision of _____

No part of this thesis has been submitted anywhere else for any other degree. This thesis is submitted to the _____

in partial fulfillment of the requirements for the degree of Doctor of Philosophy in field of _____

Department of _____
University of _____

Student Name: _____ Signature _____
Examination Committee

a) External Examiner1: Name
(Designation & Office Address)

b) External Examiner1: Name
(Designation & Office Address)

c) External Examiner1: Name
(Designation & Office Address)

Supervisor Name: _____ Signature _____
Name of Dean/HOD: _____ Signature _____

IMPORTANT FORMS

PLAGIARISM UNDERTAKING (GS-07)

I solemnly declare that research work presented in the thesis titled _____

Is solely my research work with no significant contribution from any other person. Small contribution/help wherever taken has been duly acknowledged and that complete thesis has been written by me.

I understand the zero tolerance policy of the HEC and University

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towards plagiarism. Therefore i as an Author of the above titled thesis declare that no portion of my thesis has been plagiarism and any material used as reference is properly referred/cited.

I undertake that if i am found guilty of any formal plagiarism in the above titled thesis even after award of PhD degree, the university reserves the rights to withdraw/revoke my PhD degree and that HEC and the University has the right to publish my name of the HEC/University Website on which names of students are placed who submitted plagiarized thesis.

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Name: .

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Observation on MSc/MPhil/MBA/PhD Thesis

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Reg. No. _____
Department of _____
Faculty of _____
Title _____

Whether processed through Supervisor/Head of the Department Yes/No
Title according to the approved Synopsis Yes/No
Whether submitted on prescribed form 75 pages Yes/No
Thesis is written under limit of 75 pages Yes/No
Thesis is written under prescribed section Yes/No
Total number of references quoted in thesis _____
References in Introduction _____
References in Review of Literature _____
References in Materials and Methods/Methodology _____
References digested in Discussion _____
References given in Chronological sequence Yes/No
Bibliography _____
Table of Contents _____
Acknowledgments brief and relevant Yes/No
Tables and their headings are given in Proper format as prescribed Yes/No
References given in prescribed form Yes/No

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- Instruction complied with final typing may be permitted

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Department of

No. _____
Date: _____

Checklist for submission of Thesis

Degree	
Registration #	
Name	
Supervisor	

Sr. No.	Descriptions	Yes	No	Date
1	One corrected copy of thesis accompanied with cover letter processed through Chairman/Dean/DASR/Controller			
2	Signature of the supervisor			
3	Signature of the supervisory Committee			
4	Signature of the respective Chairman			
5	Signature of the respective Dean			
6	Format of the thesis according to the guidelines provided by DASR			
7	Course work approved <i>if yes mention the date of approval</i>			
8	Title of Research approved by Departmental Board of Studies <i>if yes mention the date of approval</i>			
9	Synopsis approved <i>if yes mention the date of approval</i>			
10	GS-04 approved <i>if yes mention the date of approval</i>			
11	Date of first enrolment			
12	Total number of semesters enrolled			
13	Thesis submitted to DASR within due time <i>if yes mention the date of submission</i>			
14	Similarity index report issued by Quality Enhancement Cell <i>if yes mention the date of issuance</i>			

1. Make sure that the copies of all the above documents must be attached with the application

2. Reference number of this checklist must also be mentioned in the cover letter

Student _____

Supervisor _____

DASR _____

CHOLISTAN UNIVERSITY OF VETERINARY AND ANIMAL SCIENCES, BAHAWALPUR

M.Phil. Rules



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Ph.D. Rules



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Important Forms



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M.Phil. & Ph.D. Thesis
Guidelines and Template



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THANK YOU FOR ATTENTION

- 📞 Directorate of Advanced Studies Tel: 062-9255708
- 📍 Near DHA, Bahawalpur, Punjab-Pakistan
- 🌐 www.cuvas.edu.pk



Medical Health
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