

UNIVERSITY OF HEALTH SCIENCES LAHORE



MD : DOCTOR OF MEDICINE

MS : MASTER OF SURGERY

MDS : MASTER OF DENTAL SURGERY

AMENDED REGULATIONS (2021)

1. Short title, Commencement and Application:

- i. These regulations may be called the UHS MD/MS/MDS amended Regulations 2021.
- ii. They shall come into force at once and shall apply to students/ candidates seeking registration for MD / MS / MDS programs with UHS w.e.f. next admissions.

2. Definition:

In these regulations, unless the context otherwise requires, the following expression shall have the meaning hereby respectively assigned to that is to say:

- i. **Ordinance** means University of Health Sciences Ordinance, 2002.
- ii. **Applicant** means a person who applies for admission into MD or MS or MDS program.
- iii. **Assessment** means a formally defined process in which the candidates' progress in the training program is assessed and measured using a range of defined and validated and reliable assessment tools.
- iv. **Availed Attempt** means the candidate appeared in person in whole or part of the examination during the permissible attempts.
- v. **Candidate** means a person who will be selected for training in MD or MS or MDS program.
- vi. **Candidates' Training Portfolio** means a professional development portfolio to track progress in the training program. It shall consist of a record of acquisition of knowledge, skills and attitudes.
- vii. **Continuous Internal Assessments (CIA)** mean candidate's training portfolio assessment and supervisor's annual review report based on these assessments.
- viii. **Supervisor** means a person who supervises MD or MS or MDS candidate during training.
- ix. **Curriculum** means the courses of study and its components approved by Board of Governors.
- x. **Examiner** means examiner of written, thesis and clinical examinations of MD/MS/MDS programs.
- xi. **Government** means the Government of Punjab.



- xii. **Institute** means the constituent and affiliated medical and dental colleges and hospitals in which MD/MS/MDS training is being done.
- xiii. **MD** means Doctor of Medicine.
- xiv. **MS** means Master of Surgery
- xv. **MDS** means Master of Dental Surgery
- xvi. **Program** means each and every component of training for University of Health Sciences University's degrees of MD/MS/MDS.
- xvii. **Program Format** means the whole plan of training and assessment for MD/MS/MDS Degrees.
- xviii. **Thesis** means MD or MS or MDS thesis written as long essay or dissertation based on university approved research project.
- xix. **Trainee** means the candidate who has been selected in a program of study and registered with the relevant department.
- xx. **Un-availed Attempt** means an attempt in which the candidate did not appear in person for any reason subsequent to becoming eligible for the same. The said attempt shall be counted towards the number of permissible attempts.
- xxi. **University** means the University of Health Sciences, Lahore.
- xxii. **Workplace Based Assessments** mean assessment of generic and specialty specific competencies at the workplace.

3. Names & Duration of Programs

Title of Program	Four Year Duration	Five Year Duration
MD (Doctor of Medicine)	Internal Medicine	Cardiology
	Pediatrics	Dermatology
	Psychiatry	Developmental Pediatrics
	Radiology	Endocrinology
	Family Medicine	Gastroenterology
		Nephrology

		Neurology
		Oncology
		Pulmonology
		Rheumatology
MS (Master of Surgery)	Anesthesia	Cardiac Surgery
	General Surgery	Neurosurgery
	Obstetrics & Gynecology	Orthopedics
	Ophthalmology	Pediatric Surgery
	Otorhinolaryngology(ENT)	Plastic Surgery
		Thoracic Surgery
		Urology
MDS (Master of Dental Surgery)	Operative Dentistry	
	Oral & Maxillofacial Surgery	
	Orthodontics	
	Prosthodontics	
Any other Specialty in the MD, MS and MDS as approved by the Board of Governors of the University.		

4. Admission Criteria

- i. Admissions shall be advertised in the print and electronic media in accordance with governing policies.
- ii. **Eligibility:** The applicant on the last date of submission of applications for admission must possess the:
 - a. Basic Medical Qualification of MBBS/BDS or an equivalent medical qualification recognized by Pakistan Medical Commission/HEC.
 - b. Certificate of one year's House Job experience is essential. In case of incomplete house job, the applicant is required to submit Hope Certificate from the concerned

Medical Superintendent that the House Job shall be completed before the closing date for submission of application.

- c. Valid certificate of permanent or provisional registration with Pakistan Medical Commission.

5. Entry Examination

- i. The candidate securing admission into MS/MD/MDS programs shall be required to pass the entry test conduct under any name.
- ii. The regulations notified from time to time shall govern the conduct of entrance examination.

6. Admission Process

- i. The admission process in public sector institutions shall be central and in accordance with the policies of the Government.
- ii. University shall regulate the admission of private sector institutions in accordance with the regulations of PMC.
- iii. The intake into any program shall not be inconsistent with the regulations of PMC and policies of the Government as the case may be.

7. Program Format

- i. In terms of section 3 of the regulations, the program shall consist of 4 and 5 years duration.
- ii. During the course of study, each candidate shall be required to undertake an intermediate examination and final examination. The intermediate examination shall be held after 12 months in the case of 4 years programs and 18 months in the case of 5 years programs.
- iii. The final examination shall be held only after completion of the prescribed training period of 4/5 years, as the case may be.
- iv. MS/MD/MDS degrees shall be research-oriented degrees and a candidate shall be required to write a research thesis apart from undergoing a clinical training program.



8. Intermediate Examination

Intermediate examination would be conducted for the candidates getting training in all MD/MS/MDS programs during the program.

- i. To appear in Intermediate Examination, a candidate shall be required to submit following through his/her head of institution:
 - a. Certificate of achieving 80% attendance in the training program.
 - a. Candidate remained on institution roll during the period approved for appearing in examination.
 - b. Certificate of completion of mandatory workshops.
 - c. Certificate of completion of 12 months training for four year programs and 18 months training for five years programs signed by Supervisor, Head of Department of parent department and that of the Head of Department where rotations are done (if prescribed in the curriculum).
 - d. Certificate of submission of synopsis to the university if required as per rules of synopsis submission.
 - e. Evidence of payment of examination fee as prescribed by the University from time to time.
 - f. Certificates submitted through Principal/Dean/Head of academic institution shall be accepted as valid towards the candidature of an applicant.
- ii. The examination fee once deposited cannot be refunded / carried over to the next examination under any circumstances.
- iii. Intermediate Examination will be held twice a year i.e. atleast six months apart.
- iv. There will be a minimum period of 30 days between last date for submission of application for the examination and the conduct of examination.
- v. The Intermediate Examination will comprise of a Written Examination and Clinical Examination.
 - a. Written Examination 200 Marks
 - b. Clinical Examination 100 Marks



vi. Written examination (200 Marks)

Written examination shall be based on prescribed curriculum

- a. The written examination will consist of 100 “single best answer” type Multiple Choice Questions, each carrying 02 marks.
- b. The candidates scoring 60% marks shall be declared pass and shall be eligible to appear in the clinical examination.

vii. Clinical Examination (100 Marks)

- a. After passing theory examination, the students shall become eligible for taking clinical examination.
 - b. Clinical Examination shall be conducted by a panel of six examiners to be appointed by the Vice Chancellor from a panel approved by Advanced Studies & Research Board. The examination will be based on “Task Oriented and Clinical Assessments” (TOACS). There will be 10 observed stations (a maximum of 3 static stations) of 10 marks each making a total of 100 marks. The candidates scoring 60% marks will be declared pass in the clinical examination.
 - c. A maximum of four consecutive attempts after becoming eligible whether availed or unavailed to pass Clinical/Oral examination will be permitted. However in case of failure to pass Clinical/Oral examination within stipulated attempts the credit of passing the written examination shall stand withdrawn and candidate shall have to take written examination, afresh.
- viii. A candidate shall be declared pass in intermediate examination after passing written and clinical examination, independent of each other.

9. Final Examination

Final examination would be conducted for the candidates completing training in all MD/MS/MDS programs.

- i. To appear in Final Examination, a candidate shall be required to submit following through his/her head of institution:
 - a. Result card showing that the candidate has passed intermediate Examination.



- b. Certificate of completion of 4/5 Years training duly signed by Supevisor, Head of parent Department and that of the Head of Department where rotations were done (if prescribed in the curriculum).
 - c. Evidence of thesis submission to Department of Examination of the University.
 - d. Evidence of payment of examination fee as prescribed by the university from time to time.
 - e. The examination fee once deposited cannot be refunded / carried over to the next examination under any circumstances.
 - f. Certificate of achieving 80% attendance in the training program duly signed by Head of Institute.
 - g. Candidate remained on institution roll during the period required for appearing in examination.
 - h. Only those certificates, submitted through Principal/Dean/Head of academic institution shall be accepted.
 - i. Final examination will be held twice a year i.e. atleast six months apart.
- ii. The Final Examination will comprise of a Written, Clinical Examination and Thesis evaluations.
- a. Total Marks of Final Examination shall be 1,000. This shall include following components in which a candidate must score at least 60% marks in each to be declared pass;
 - (i). Continuous Internal Assessments(CIA) 100 Marks
 - (ii). Written Examination 300 Marks
 - (iii). Clinical Examination 300 Marks
 - (iv). Thesis Examination 300 Marks
 - b. **Continuous Internal Assessment (100 Marks)**
 - (i). The award of continuous internal assesment shall be submitted confidentially in a sealed envelop.



- (ii). The supervisor shall submit cumulative score of internal assessment of all training years to be added together to provide a final cumulative score of Continuous Internal Assessments of all the trainees to the Head of the Department.
- (iii). The Head of Department shall submit the continuous internal assessment score through the Principal to the Examination Department of the University. Score of continuous internal assessment once submitted shall be final and can not be changed subsequently under any circumstances.
- (iv). The weightage of internal assessment in the final examination will be 10%.
- (v). Continuous Internal Workplace Based Assessments will be done by the supervisors, that may be based on but not limited to:
 - a. Generic and Specialty Specific Competency Assessments
 - b. Multisource Feedback Evaluations
 - c. Assessment of Candidates' Training Portfolio

c. Written Examination (300 Marks)

- (i). Written examination of all specialties will be based on their curriculum and as specified in the assessment blueprint/table of specifications as prescribed in the curricula. The written examination will consist of two papers;
 - a. Paper 1 shall comprise of hundred (100) "single best answer" type Multiple Choice Questions. Each Question shall carry 02 marks.
 - b. Paper 2 shall comprise of ten (10) Short Essay Questions, each carrying 10 marks.
- (ii). The candidates scoring 60% marks in aggregate of Paper 1 and Paper 2 of the written examination will be declared pass and will become eligible to appear in the Clinical Examination.
- (iii). Candidate who pass written examination, shall be allowed a maximum of four consecutive attempts whether availed or unavailed to pass Clinical/Oral examination. However in case of failure to pass Clinical/Oral examination within stipulated attempts the credit of passing the written examination shall stand withdrawn and candidate shall have to take entire examination including written examination, afresh.



d. Clinical Examination (300 Marks)

- (i). Clinical Examination will evaluate patient care competencies in detail. A panel of six examiners will be appointed by the Vice Chancellor. The examination will be based on
 - a. One Long Case of hundred marks (Maximum marks 100)
 - b. Four Short Cases of 25 marks each (Maximum marks 100)
 - c. TOACS consisting of 10 observed stations of 10 marks each. The two (02) stations will comprise of case discussion based on the student's portfolio(s).
- (ii). The candidates scoring 60% marks in aggregate of all the components of clinical examination shall be declared pass.

e. Thesis Examination (300 Marks)

- (i). The Thesis shall be submitted to the Controller of Examination through Head of Institute, duly signed by the Supervisor, Co-Supervisor(s) and Head of the Department.
- (ii). Submission of Thesis is a prerequisite for taking Final Theory Examination.
- (iii). Examiners shall be appointed by the Vice chancellor on recommendation of Controller of Examination from a panel approved by Advance Studies & Research Board for evaluation of thesis.
- (iv). All MD/MS/MDS thesis shall be evaluated by two local examiners and a foreign examiner.
- (v). Thesis defense shall be held after approval of evaluation reports by Advanced Studies & Research Board.
- (vi). Thesis defense shall be conducted by two local examiners who evaluated Thesis of the candidate.
- (vii). The candidate scoring 60% marks in Thesis defense examination will be declared as pass in the examination.



10. Declaration of Result & Award of Degree

- i. A candidate having declared successful in all the components of examination i.e. Theory, Clinical and Thesis shall be declared pass and shall be conferred degree in the prescribed manner.
- ii. Acceptance of a research publication based on thesis shall be the pre-requisite for award of degree. The acceptance should be in a HEC/concerned regulatory body's approved journal.

11. Supervisor/Examiner

- i. Only those faculty members shall be eligible to supervise or examine a candidate who hold Level-III Qualification in following order of priority:
 - a. MS/MD/MDS
 - b. Foreign Qualified
 - c. FCPS
- ii. Have successfully attended the prescribed workshops as notified from time to time by the University
- iii. Three years of post-qualification teaching experience in that specialty.

12. Freezing of Program

- i. Freezing of the program shall be allowed once for maximum period of 1 year in whole program.
- ii. In case of female Postgraduate Residents, Maternity Leave of 90 days with pay will be given only once during the entire course of training.
- iii. All Postgraduate Residents who will avail freezing, or leave for more than allocated period (four (04) weeks per year) must work to complete the prescribed duration of training without pay.

13. i. The regulations shall come into force w.e.f. forthcoming new admissions.
- ii. The regulations notified/adopted vide orders dated 29th February, 2016 and 18th May, 2020 shall hold force for one more academic year after the notification of instant regulations. Subsequent to which the regulations notified in 2016&2020 shall stand repealed and the students registered under the said schemes shall be dealt under these regulations.

