



# **DOW UNIVERSITY OF HEALTH SCIENCES**

**SCHOOL OF POSTGRADUATE STUDIES**

## **PROGRAM SPECIFICATION - SESSION 2026-27**

<p><b>Introduction of Institute &amp; Program</b></p>	<p>The university offers full-time MPhil &amp; PhD programs in the key areas of Biomedical Sciences through Institute of Biomedical Sciences and has developed the modular format to allow a greater range of options within the program to meet the requirements of medically trained personnel who wish to enter teaching and research career in medical and allied health sciences. It provides a sound understanding of human health and disease and diagnostic approaches at the molecular level applying contemporary techniques of modern biomedicine. It provides opportunities to acquire and develop the skills of synthesis, analysis and decision making, required for careers in the field of medical research. Thus, the students are trained as the subject specialist, a researcher and a resource person, well equipped with the methodologies of modern trends of teaching and research in basic medical sciences. The program involves course work and original research thesis components.</p>
<p><b>Course Title (As approved by PM&amp;DC/HEC)</b></p>	<p><b>M.Phil in Pathology</b> (Histopathology &amp; Medical Microbiology)</p>
<p><b>Course Duration</b></p>	<p>2 – 4 Years</p>
<p><b>Type of Study</b></p>	<p>Full time</p>
<p><b>Study System</b></p>	<p>Semesters system</p>
<p><b>Total Credit Hours</b></p>	<p>30</p>
<p><b>Credit Hours Distribution –Semester Wise</b></p>	<p><u>Credit Hours Distribution</u> Semester I =12 Semester II = 12  Semester III &amp; IV = 06 (THESIS)</p>
<p><b>Study Hours Distribution</b></p>	<p>Course title = M.Phil Study per Semester = 16 weeks Examination = 2 weeks Semester Break = 2 weeks  Working Hours = 8:30am - 3:00pm (except Friday)</p>
<p><b>Teaching Hours Distribution</b></p>	



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<b>Modules Detail with Credit Hours</b>	Lecture hours/ Facilitation / Self Directed Studies/ Lab training/ Internship
<b>Assessment of Student</b>	See Appendix - I
<b>Teaching Institution</b>	<ul style="list-style-type: none"> <li>• Continuous Internal Assessment (<i>During Semester</i>)</li> <li>• Semester Examination</li> <li>• Thesis Defense Examination</li> </ul>
<b>Degree Awarding Institution</b>	Institute of Biomedical Sciences

APPENDIX-I

<b>Modules with Credit Hours</b>				
Year	Semester	Title of Course	Course Code	Credit Hrs.



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<b>1<sup>st</sup></b>	<b>I</b>	Medical Genetics	HBMS 701	2
		Fundamentals of Molecular Biology	HBMS 703	2
		Research Methodology	HBMS 705	2
		Biostatistics in Health and Medicine	HBMS 707	2
		Epidemiology	HBMS 709	2
		Instrumentation Techniques	HBMS 711	2
	<b>II</b>	General Pathology	PATH 701	3
		Microbiology & Hematology	PATH 703	3
		Systemic Pathology-I	PATH 702	3
		Systemic Pathology-II	PATH 704	3
		Internship	HBMS 712	NCH
<b>2<sup>nd</sup></b>	<b>III</b>	Internship	HBMS 713	NCH
		Research work	HBMS 799	6
	<b>IV</b>	Research work & Submission of Thesis		
		Internship		
<b>TOTAL CREDIT HOURS</b>				<b>30</b>