



FACULTY OF
SCIENCE AND
HEALTH SCIENCE



2024 - 25

M.Pharm Pharmaceutical Chemistry

Programme Structure

Division	Faculty of Science & Health Science
School Name	School of Health Science & Technology
Department Name	Department of Pharmaceutical Science
Programme Name	M.Pharm Pharmaceutical Chemistry

Credit Distribution

Course Type	Description
Programme Core	Courses dealing with foundations, depth and breadth of the major in which a student is admitted at MIT-WPU
Programme Electives	Open electives under the Programme allow students to specialise in a particular area connected to their major.
University Core	Courses that reflect the core MITWPU values and the mission of Life Transformation of students.
University Electives	Multidisciplinary courses across the faculties at MIT-WPU and outside the Programme core.

Semester	Course Type	Course Name / Course Title	Total Credits
I	Core	Modern Pharmaceutical Analytical Techniques	4
I	Core	Advanced Organic Chemistry -I	4
I	Core	Advanced Medicinal Chemistry	4
I	Core	Chemistry of Natural Products	4
I	Core	Pharmaceutical Chemistry Practical- I	6
I	Core	Seminar/Assignment	4
I		Scientific Studies of Mind, Matter, Spirit, and Consciousness	2
I		Yoga for Excellence in Life - I	1
		Total	29

Semester	Course Type	Course Name / Course Title	Total Credits
II	Core	Advanced Spectral Analysis	4
II	Core	Advanced Organic Chemistry -II	4
II	Core	Computer Aided Drug Design	4
II	Core	Pharmaceutical Process Chemistry	4
II	Core	Pharmaceutical Chemistry Practical II	6
II	Core	Seminar/Assignment	4
II		Peacebuilding: Global Initiatives	2
		Total	28

Semester	Course Type	Course Name / Course Title	Total Credits
III	Core	Research Methodology and Biostatistics	4
III	Core	Journal club	1
III	Core	Discussion / Presentation (Proposal Presentation)	2
III	Core	Research Work	14
		Total	21

Semester	Course Type	Course Name / Course Title	Total Credits
IV	Core	Journal club	1
IV	Core	Discussion / Final Presentation	3
IV	Core	Research Work	16
		Total	20

*Modifications to the programmes and courses are contingent upon adherence to university guidelines and procedures. Any proposed changes must undergo a thorough review process, including consultation with relevant academic departments, approval from the appropriate administrative bodies, and compliance with accreditation standards.

Additionally, consideration will be given to feedback from students, faculty, and other stakeholders to ensure that modifications align with the overall educational objectives and mission of the university. The implementation of any approved changes will be communicated transparently to the university community, and appropriate measures will be taken to facilitate a smooth transition for all affected parties.