

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur
M. Pharm. (PCI Recommended) Syllabus
Scheme of Matchable Subjects

Pharmaceutics

OLD SYLLABUS		NEW SYLLABUS		
Subject Code	Name of Subject	Subject Code	Name of Subject	Percentage Matching
M. Pharm Semester I				
MC-S1	Advanced Analytical Techniques	MPH101T	Modern Pharmaceutical Analytical Techniques	100%
MC-S2	Research Methodology & Biostatistics	MRM301T	Research Methodology and Biostatistics*	30%
MC-S3	Drug Regulatory Affairs	MPH104T	Regulatory Affairs	70%
MPH-S4	Advanced Pharmaceutics (PH)	MPH103T	Modern Pharmaceutics	50%
MC-P1	Advanced Analytical Technique	MQA105P	Quality Assurance Practical I	10%
MPH-P4	Advanced Pharmaceutics	MPH105P	Pharmaceutics Practical-I	30%
M. Pharm Semester II				
MC-S7	Validation & cGMP		No Matching	
MC-S8	Biological Evaluation		No Matching	
MPH-S9	Product Development and Formulation		No Matching	
MPH-S10	Novel Drug Delivery Systems	MPH102T	Drug Delivery System	90%
MPH-P9	Product Development and Formulation	MPH105P	Pharmaceutics Practical –I	30%
MPH-P10	Novel Drug Delivery System	MPH205P	Pharmaceutics Practical –II	30%
M. Pharm Semester III				
MPH-S13	Biopharmaceutics and Pharmacokinetics	MPH202T	Advanced Biopharmaceutics and Pharmacokinetics	90%
Electives				
MPHE4	Nanotechnology and Biotechnology			
MPHE6	Sterile Product Formulation and Technology			
MPCE4	Green Chemistry			
MPCE6	Rational Drug Design			
MPLE2	Clinical Research and Development			
MPGE2	Herbal Cosmetics			
MQAE4	Packaging Technology			
MOAE5	Pharmaceutical Marketing and Market Research			

*: Non-university Exam

For elective subjects, matchable subjects can not be given as scheme of marking and examination is different. (40 Marks / 75 Marks)

Pharmaceutical Chemistry

OLD SYLLABUS		NEW SYLLABUS		
Subject Code	Name of Subject	Subject Code	Name of Subject	Percentage Matching
M. Pharm Semester I				
MC-S1	Advanced Analytical Techniques	MPC101T	Modern Pharmaceutical Analytical Techniques	100%
MC-S2	Research Methodology & Biostatistics	MRM301T	Research Methodology and Biostatistics*	30%
MC-S3	Drug Regulatory Affairs	MPH104T	Regulatory Affairs	70%
MPC-S4	Advanced Pharmaceutical Chemistry –I (PC)	MPC102T	Advanced Organic Chemistry – I	35%
MC-P1	Advanced Analytical Technique	MQA105P	Quality Assurance Practical I	10%
MPC-P4	Advanced Pharmaceutical Chemistry I		No Matching	
M. Pharm Semester II				
MC-S7	Validation & cGMP		No Matching	
MC-S8	Biological Evaluation		No Matching	
MPC-S9	Advanced Pharmaceutical Chemistry II	MPC202T	Advanced Organic Chemistry – II	35%
MPC-S10	Advanced Pharmaceutical Chemistry III	MPC203T	Computer Aided Drug Design	30%
MPC-P9	Advanced Pharmaceutical Chemistry II	MPC 105P	Pharmaceutical Chemistry Practicals I	20%
MPC-P10	Advanced Pharmaceutical Chemistry III	MPC205P	Pharmaceutical Chemistry Practicals II	30%
M. Pharm Semester III				
MPC-S13	Advanced Pharmaceutical Chemistry IV		No Matching	

Pharmacology

OLD SYLLABUS		NEW SYLLABUS		
Subject Code	Name of Subject	Subject Code	Name of Subject	Percentage Matching
M. Pharm Semester I				
MC-S1	Advanced Analytical Techniques	MPL101T	Modern Pharmaceutical Analytical Techniques	100%
MC-S2	Research Methodology & Biostatistics	MRM301T	Research Methodology and Biostatistics*	30%
MC-S3	Drug Regulatory Affairs	MPH104T	Regulatory Affairs	70%
MPL-S4	Advanced Physiology & Pathophysiology (PL)		No Matching	
MC-P1	Advanced Analytical Technique	MQA105P	Quality Assurance Practical I	10%
MPL-P4	Advanced Physiology & Pathophysiology (PL)		No Matching	
M. Pharm Semester II				
MC-S7	Validation & cGMP		No Matching	
MC-S8	Biological Evaluation		No Matching	
MPL-S9	Advanced Systemic Pharmacology	MPL102T	Advanced Pharmacology I	70%
MPL-S10	Advanced Pharmacology & Pharmacotherapeutics	MPL201T	Advanced Pharmacology II	60%
MPL-P9	Advanced Systemic Pharmacology	MPL205P	Pharmacology Practical II	50%
MPL-P10	Advanced Pharmacology & Pharmacotherapeutics	MPL105P	Pharmacology Practical I	50%
M. Pharm Semester III				
MPL-S13	Molecular Pharmacology & Toxicology		No Matching	

Pharmacognosy

OLD SYLLABUS		NEW SYLLABUS		
Subject Code	Name of Subject	Subject Code	Name of Subject	Percentage Matching
M. Pharm Semester I				
MC-S1	Advanced Analytical Techniques	MPG101T	Modern Pharmaceutical Analytical Techniques	100%
MC-S2	Research Methodology & Biostatistics	MRM301T	Research Methodology and Biostatistics*	30%
MC-S3	Drug Regulatory Affairs	MPH104T	Regulatory Affairs	70%
MPG-S4	Advanced Pharmacognosy and Phytochemistry (PG)	MPG102T	Advanced Pharmacognosy I	40%
MC-P1	Advanced Analytical Technique	MQA105P	Quality Assurance Practical I	10%
MPG-P4	Advanced Pharmacognosy and Phytochemistry (PG)	MPG105P	Pharmacognosy Practical I	30%
M. Pharm Semester II				
MC-S7	Validation & cGMP		No Matching	
MC-S8	Biological Evaluation		No Matching	
MPG-S9	Standardization of Natural Products	MPG103T	Phytochemistry	35%
MPG-S10	Herbal Drug Formulation and Development	MPG104T	Industrial Pharmacognostical Technology	30%
MPG-P9	Standardization of Natural Products	MPG105P	Pharmacognosy Practical I	40%
MPG-P10	Herbal Drug Formulation and Development	MPG105P	Pharmacognosy Practical I	20%
M. Pharm Semester III				
MPG-S13	Selected Topics in Pharmacognosy	MPG202T	Advanced Pharmacognosy II	45%

Quality Assurance

OLD SYLLABUS		NEW SYLLABUS		
Subject Code	Name of Subject	Subject Code	Name of Subject	Percentage Matching
M. Pharm Semester I				
MC-S1	Advanced Analytical Techniques	MQA101T	Modern Pharmaceutical Analytical Techniques	100%
MC-S2	Research Methodology & Biostatistics	MRM301T	Research Methodology and Biostatistics*	30%
MC-S3	Drug Regulatory Affairs	MPH104T	Regulatory Affairs	70%
MQA-S4	Pharmaceutical Validation (QA)	MQA202T	Pharmaceutical Validation	35%
MC-P1	Advanced Analytical Technique	MQA105P	Quality Assurance Practical I	10%
MPH-P4	Pharmaceutical Validation (QA)	MQA205P	Quality Assurance Practical II	25%
M. Pharm Semester II				
MC-S7	Validation & cGMP		No Matching	
MC-S8	Biological Evaluation		No Matching	
MQA-S9	Quality Assurance of Cosmeceuticals	MPH204T	Cosmetics & Cosmeceuticals	10%
MQA-S10	Novel Drug Delivery System	MPH102T	Drug Delivery System	90%
MQA-P9	Quality Assurance of Cosmeceuticals	MQA205P	Quality Assurance Practical II	10%
MQA-P10	Novel Drug Delivery System	MPH205P	Pharmaceutics Practical –II	30%
M. Pharm Semester III				
MQA-S13	Quality Management	MQA103T	Quality Control and Quality Assurance	50%