

## B. Pharmacy

### Program/Course credit structure

#### Course of Study for Semester-I

Course	Credits
Human Anatomy and Physiology I- Theory	4
Pharmaceutical Analysis I - Theory	4
Pharmaceutics I -Theory	4
Pharmaceutical Inorganic Chemistry - Theory	4
Communication skills - Theory *	2
Remedial Biology/ Remedial Mathematics - Theory*	2
Human Anatomy and Physiology - Practical	2
Pharmaceutical Analysis I - Practical	2
Pharmaceutics I - Practical	2
Pharmaceutical Inorganic Chemistry - Practical	2
Communication skills - Practical*	1
Remedial Biology - Practical*	1
Foundation Course -I	2
	<b>29/31\$/32#</b>

# Applicable ONLY for the students who have studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology (RB) course.

\$ Applicable ONLY for the students who have studied Physics / Chemistry / Botany / Zoology at HSC and

Appearing for Remedial Mathematics (RM)course.

\* Non University Examination (NUE)

#### Course of Study for Semester-II

Course	Credits
Human Anatomy and Physiology II - Theory	4
Pharmaceutical Organic Chemistry I - Theory	4
Biochemistry - Theory	4
Pathophysiology - Theory	4
Computer Applications in Pharmacy - Theory *	3
Environmental sciences & BWM - Theory*	4
Human Anatomy and Physiology II -Practical	2
Pharmaceutical Organic Chemistry I- Practical	2
Biochemistry - Practical	2
Computer Applications in Pharmacy - Practical*	1
	<b>30</b>

### Course of Study for Semester-III

Course	Credits
Pharmaceutical Organic Chemistry II - Theory	4
Physical Pharmaceutics I - Theory	4
Pharmaceutical Microbiology - Theory	4
Pharmaceutical Engineering - Theory	4
Pharmaceutical Organic Chemistry II - Practical	2
Physical Pharmaceutics I - Practical	2
Pharmaceutical Microbiology - Practical	2
Pharmaceutical Microbiology - Practical	2
	<b>24</b>

### Course of Study for Semester-IV

Course	Credits
Pharmaceutical Organic Chemistry III- Theory	4
Medicinal Chemistry I - Theory	4
Physical Pharmaceutics II - Theory	4
Pharmacology I - Theory	4
Pharmacognosy and Phytochemistry I- Theory	4
Medicinal Chemistry I - Practical	2
Physical Pharmaceutics II - Practical	2
Pharmacology I - Practical	2
Pharmacognosy and Phytochemistry I - Practical	2
	<b>28</b>

### Course of Study for Semester-V

Course	Credits
Medicinal Chemistry II - Theory	4
Industrial Pharmacy- Theory	4
Pharmacology II - Theory	4
Pharmacognosy and Phytochemistry II- Theory	4
Pharmaceutical Jurisprudence - Theory	4
Industrial Pharmacy - Practical	2
Pharmacology II - Practical	2
Pharmacognosy and Phytochemistry II -Practical	2
	<b>26</b>

### Course of Study for Semester-VI

Course	Credits
Medicinal Chemistry III - Theory	4
Pharmacology III - Theory	4
Herbal Drug Technology - Theory	4
Biopharmaceutics and Pharmacokinetics -Theory	4
Pharmaceutical Biotechnology - Theory	4
Quality Assurance -Theory	4
Medicinal chemistry III - Practical	2
Pharmacology III - Practical	2
Herbal Drug Technology - Practical	2
	<b>30</b>

### Course of Study for Semester-VII

Course	Credits
Instrumental Methods of Analysis - Theory	4
Industrial PharmacyII - Theory	4
Pharmacy Practice - Theory	4
Novel Drug Delivery System - Theory	4
Instrumental Methods of Analysis - Practical	2
Practice School*	6
	<b>24</b>

### Course of Study for Semester-VIII

Course	Credits
Biostatistics and Research Methodology	4
Social and Preventive Pharmacy	4
Pharma Marketing Management	4+4 = 8
Pharmaceutical Regulatory Science	
Pharmacovigilance	
Quality Control and Standardization of Herbals	
Computer Aided Drug	
Cell and Molecular	
Cosmetic Science	
Experimental Pharmacology	
Advanced Instrumentation Techniques	
Dietary Supplements and Nutraceuticals	
Project Work	6
	<b>22</b>