

Centurion University of Technology and Management

School of Pharmacy and Life Sciences



Centurion^{rm}
UNIVERSITY

CENTURION UNIVERSITY OF TECHNOLOGY & MANAGEMENT :: ODISHA

B. Pharmacy

1st Semester

Course No.	Subject	L	T	P	Credits
	<i>Theory Courses</i>				
BPHA1101	Communicative English	2	0	-	2
BPHA1102	Human Anatomy and Physiology-I	3	0	-	3
BPHA1103	Pharmaceutics-I (Dispensing Pharmacy)	3	0	-	3
BPHA1104	Pharmaceutical Chemistry-I (Inorganic)	3	0	-	3
BPHA1105	Pharmacognosy-I	3	0	-	3
BPHA1106	Remedial Biology	2	0	-	2
BPHA1107	Remedial Mathematics	3	1	-	3
	<i>Total Theory Credits</i>				19
	<i>Practice Courses</i>				
BPHA1108	Human Anatomy and Physiology-I	-	-	3	2
BPHA1109	Pharmaceutics-I (Dispensing Pharmacy)	-	-	3	2
BPHA1110	Pharmaceutical Chemistry-I (Inorganic)	-	-	3	2
BPHA1111	Pharmacognosy-I	-	-	3	2
BPHA1112	Remedial Biology	-	-	2	1
BPHA1113	Communicative English	0	0	2	1
	<i>Total Practice Credits</i>				10
	<i>Total Credits</i>				29

2nd Semester

Course No.	Subject	L	T	P	Credits
	<i>Theory Courses</i>				
BPHA1201	Business Communication in English	2	0	-	2
BPHA1202	Human Anatomy and Physiology-II	3	0	-	3
BPHA1203	Pharmaceutical Analysis – I	3	0	-	3
BPHA1204	Pharmacognosy-II	3	0	-	3
BPHA1205	Hospital Pharmac	3	0	-	3
BPHA1206	Pharmaceutical Chemistry-II (Organic Chemistry-I)	3	0	-	3
	<i>Total Theory Credits</i>				
	<i>Practice Courses</i>				
BPHA1207	Business Communication in English	0	0	2	1
BPHA1208	Human Anatomy and Physiology-II	-	-	3	2
BPHA1209	Pharmaceutical Analysis – I	-	-	3	072
BPHA1210	Pharmacognosy-II	-	-	3	2
BPHA1211	Pharmaceutical Chemistry-II (Organic Chemistry-I)	-	-	3	2
	<i>Total Practice Credits</i>				

3rd Semester

Course No.	Subject	L	T	P	Credits
<i>Theory Courses</i>					
BPHA2101	Pharmaceutics-II (Physical Pharmacy-I)	3	0	0	3
BPHA2102	Basic Engineering-I (Unit Operations - I)	3	0	0	3
BPHA2103	Pharmaceutical Chemistry-III (Organic Chemistry-II)	3	0	0	3
BPHA2104	Pharmacognosy-III	3	0	0	3
BPHA2105	Pathophysiology of Common Diseases	3	0	0	3
BPHA2106	Environmental Science	3	0	0	3
<i>Total Theory Credits</i>					
<i>Practice Courses</i>					
BPHA2107	Pharmaceutics-II (Physical Pharmacy-I)	0	0	3	2
BPHA2108	Basic Engineering-I (Unit Operations - I)	0	0	3	2
BPHA2109	Pharmaceutical Chemistry-III (Organic Chemistry-II)	0	0	3	2
BPHA2110	Pharmacognosy-III	0	0	3	2
<i>Total Practice Credits</i>					

4th Semester

Course No.	Subject	L	T	P	Credits
<i>Theory Courses</i>					
BPHA2201	Pharmaceutics-III (Physical Pharmacy-II)	3	0	0	3
BPHA2202	Basic Engineering-II (Unit Operations - II)	3	0	0	3
BPHA2203	Biochemistry	3	0	0	3
BPHA2204	Computer Applications	3	0	0	3
BPHA2205	Mathematics & Statistics	3	0	0	3
BPHA2206	Pharmaceutical Chemistry-IV (Organic Chemistry-III)	3	0	0	3
<i>Total Theory Credits</i>					
<i>Practice Courses</i>					
BPHA2207	Pharmaceutics-III (Physical Pharmacy-II)	0	0	3	2
BPHA2208	Basic Engineering-II (Unit Operations - II)	0	0	3	2
BPHA2209	Biochemistry	0	0	3	2
BPHA2210	Computer Applications	0	0	3	2
<i>Total Practice Credits</i>					

5th Semester

Course No.	Subject	L	T	P	Credits
<i>Theory Courses</i>					
BPHA3101	Pharmaceutics-IV (Pharmaceutical Technology-I)	3	0	0	3
BPHA3102	Applied Microbiology	3	0	0	3
BPHA3103	Pharmaceutical Chemistry-V (Medicinal Chemistry-I)	3	0	0	3
BPHA3104	Pharmacology-I	3	0	0	3
BPHA3105	Pharmaceutical Analysis-II	3	0	0	3
BPHA3106	Community Pharmacy and Health Education	3	0	0	3
<i>Total Theory Credits</i>					
<i>Practice Courses</i>					
BPHA3107	Pharmaceutics-IV (Pharmaceutical Technology-I)	0	0	3	2
BPHA3108	Applied Microbiology	0	0	3	2
BPHA3109	Pharmaceutical Chemistry-V (Medicinal Chemistry-I)	0	0	3	2
BPHA3110	Pharmacology-I	0	0	3	2
BPHA3111	Pharmaceutical Analysis-II	0	0	3	2
<i>Total Practice Credits</i>					

6th Semester

Course No.	Subject	L	T	P	Credits
<i>Theory Courses</i>					
BPHA3201	Pharmaceutics-V (Pharmaceutical Technology-II)	3	0	0	3
BPHA3202	Pharmaceutical Chemistry-VI (Medicinal Chemistry-II)	3	0	0	3
BPHA3203	Phytochemistry	3	0	0	3
BPHA3204	Pharmacognosy-IV	3	0	0	3
BPHA3205	Pharmacology-II	3	0	0	3
BPHA3206	Pharmaceutical Jurisprudence & Ethics	3	0	0	3
<i>Total Theory Credits</i>					
<i>Practice Courses</i>					
BPHA3207	Pharmaceutics-V (Pharmaceutical Technology-II)	0	0	3	2
BPHA3208	Pharmaceutical Chemistry-VI (Medicinal Chemistry-II)	0	0	3	2
BPHA3209	Phytochemistry	0	0	3	2
BPHA3210	Pharmacognosy-IV	0	0	3	2
BPHA3211	Pharmacology-II	0	0	3	2
<i>Total Practice Credits</i>					

7th Semester

Course No.	Subject	L	T	P	Credits
	<i>Theory Courses</i>				
BPHA4101	Pharmaceutics-VI (Bio-Pharmaceutics & Pharmacokinetics)	3	0	0	3
BPHA4102	Pharmacology-III	3	0	0	3
BPHA4103	Pharmaceutical Chemistry-VII (Medicinal Chemistry-III)	3	0	0	3
BPHA4104	Pharmaceutical Analysis-III	3	0	0	3
BPHA4105	Pharmaceutical Biotechnology	3	0	0	3
	Elective-I	3	0	0	3
BPHA4106	Comprehensive Viva-voce	0	0	0	3
	<i>Total Theory Credits</i>				
	<i>Practice Courses</i>				
BPHA4107	Pharmaceutical Analysis-III	0	0	3	2
	Elective-I	0	0	3	2
BPHA4108	Project Work (Seminar Based on Literature Survey & Plan of Work)	0	0	6	4
	<i>Total Practice Credits</i>				

8th Semester

Course No.	Subject	L	T	P	Credits
	<i>Theory Courses</i>				
BPHA4201	Pharmaceutics - VII (Pharmaceutical Technology III) (Theory)	3	0	0	3
BPHA4202	Clinical Pharmacy & Therapeutics	3	0	0	3
BPHA4203	Quality Assurance & GMP	3	0	0	3
BPHA4204	Pharmaceutical Management	3	0	0	3
	Elective-II	3	0	0	3
	<i>Total Theory Credits</i>				
	<i>Practice Courses</i>				
BPHA4205	Pharmaceutics - VII (Pharmaceutical Technology III)	0	0	3	2
	Elective-II	0	0	3	2
BPHA4206	Comprehensive Viva-voce	0	0	0	3
BPHA4207	Project Work & Viva-voce	0	0	9	6
	<i>Total Practice Credits</i>				

ELECTIVES

<i>Course Code</i>	<i>Subject</i>
	<i>Theory Courses</i>
<i>BPHA5107</i>	<i>Cosmetic Technology</i>
<i>BPHA5107</i>	<i>Herbal Drug Technology</i>
<i>BPHA5107</i>	<i>Bioassays</i>
<i>BPHA5107</i>	<i>Hospital Pharmacy Administration</i>
<i>BPHA5107</i>	<i>Advanced Pharmaceutical Analysis</i>
<i>BPHA5107</i>	<i>Pharmacy Practice</i>
<i>BPHA5107</i>	<i>Computer Aided Drug Design</i>
<i>BPHA5107</i>	<i>Biomedical and Drug Design</i>
	<i>Practice Courses</i>
<i>BPHA5207</i>	<i>Herbal Drug Technology</i>
<i>BPHA5207</i>	<i>Bioassays</i>
<i>BPHA5207</i>	<i>Hospital Pharmacy Administration</i>
<i>BPHA5207</i>	<i>Advanced Pharmaceutical Analysis</i>
<i>BPHA5207</i>	<i>Pharmacy Practice</i>
<i>BPHA5207</i>	<i>Computer Aided Drug Design</i>
<i>BPHA5207</i>	<i>Cosmetic Technology</i>