

Semester	Course I				Course II				Course III				Course IV				Course V				Course VI				L	T	P	C	Contact Hours	Course Code	Course Title				
	L	T	P	C	L	T	P	C	L	T	P	C	L	T	P	C	L	T	P	C	L	T	P	C											
I	PCH101				PCH102				PCH103				PCH104				PCH111				PCH112				16	0	8	20	24	PCH101	Physical Chemistry I				
	L	T	P	C	L	T	P	C	L	T	P	C	L	T	P	C	L	T	P	C	L	T	P	C						L	T	P	C	PCH102	Inorganic chemistry I
	4	0	0	4	4	0	0	4	4	0	0	4	4	0	0	4	0	0	4	2	0	0	4	2						PCH103	Organic chemistry I				
	PC				PC				PC				PC				PC				PCH104	Analytical chemistry I													
																					PCH111	Physical and Inorganic chemistry laboratory													
																					PCH112	Organic and Analytical chemistry laboratory													
II	PCH201				PCH202				PCH203				PCH204				PCH211				PCH212				16	0	8	20	24	PCH201	Physical Chemistry II				
	L	T	P	C	L	T	P	C	L	T	P	C	L	T	P	C	L	T	P	C	L	T	P	C						L	T	P	C	PCH202	Inorganic chemistry II
	4	0	0	4	4	0	0	4	4	0	0	4	4	0	0	4	0	0	4	2	0	0	4	2						PCH203	Organic chemistry II				
	PC				PC				PC				PC				PC				PCH204	Analytical chemistry II													
																					PCH211	Physical and Inorganic chemistry laboratory													
																					PCH212	Organic and Analytical chemistry laboratory													
III	PCH301				PCH302				PCH303				PCH304				PCH311				PCH312				16	0	8	20	0	PCH301	Spectroscopic Methods in Structure Determination				
	L	T	P	C	L	T	P	C	L	T	P	C	L	T	P	C	L	T	P	C	L	T	P	C						L	T	P	C	PCH302	Organic Reaction Mechanism, Stereochemistry and Natural Products
	4	0	0	4	4	0	0	4	4	0	0	4	4	0	0	4	0	0	4	2	0	0	2	2						PCH303	Pericyclic Reactions, Photochemistry and Heterocyclic Chemistry				
	PC				PC				PC				PC				UC				PCH304	Designing Organic Synthesis and Asymmetric Synthesis													
																					PCH311	Spectroscopic Methods and Organic Reaction Mechanism Laboratory													
																					PCH312	Pericyclic Reactions and Designing Organic Synthesis Laboratory													
III	PCA301				PCA302				PCA303				PCA304				PCA311				PCA312				16	0	8	20	0	PCA301	Analytical toxicology				
	L	T	P	C	L	T	P	C	L	T	P	C	L	T	P	C	L	T	P	C	L	T	P	C						L	T	P	C	PCA302	Pharmaceutical Analysis
	4	0	0	4	4	0	0	4	4	0	0	4	4	0	0	4	0	0	4	2	0	0	2	2						PCA303	Analytical spectroscopy				
	PC				PC				PC				PC				UC				PCA304	Carbon Nanostructures and Applications of Nanotechnology													
																					PCA311	Analytical toxicology and Pharmaceutical Analysis Laboratory													
																					PCA312	Analytical spectroscopy and Carbon Nanostructures Laboratory													
IV	PCH411																				0	0	40	20	0										
	L	T	P	C																						PCH411	Research Project								
	0	0	40	20																															
	UC																																		
IV	PCA411																				0	0	40	20	0										
	L	T	P	C																						PCA411	Research Project								
	0	0	40	20																															
	UC																																		
Project Stage II & Viva Voce																																			