Chemical Engineering Semester-wise courses

Year	First Semester	Second Semester
1 cai	BIO F110 Biology Laboratory	MATH F112 Mathematics II
	BIO F111 General Biology	ME F110 Workshop Practice
	CHEM F110 Chemistry Laboratory	CS F111 Computer Programming
	CHEM F111 General Chemistry	EEE F111 Electrical Sciences
I	MATH F111 Mathematics I	BITS F112 Technical Report Writing
	PHY F110 Physics Laboratory	MATH F113 Probability and Statistics
	PHY F111 Mechanics, Oscillations and Waves	BITS F111 Thermodynamics
	BITS F110 Engineering Graphics	·
	MATH F211 Mathematics III	ECON F211 Principles of Economics
	Humanities Electives	OR
	CHE F211 Chemical Process Calculations	MGTS F211 Principles of Management
	CHE F214 Engineering Chemistry	Humanities Elective
II	CHE F213 Chemical Engineering Thermodynamics	
	CHE F212 Fluid Mechanics	CHE F241 Heat Transfer
	BITS F225 Environmental Studies	CHE F242 Numerical Methods for Chemical Engineers
		CHE F243 Material Science & Engineering
		CHE F244 Separation Processes I
Summer	BITS F221 Practic	ce School – 1 (for PS option only)
	Open/Humanities Electives	Open/Humanities Electives
	CHE F312 Chemical Engineering Laboratory I	Open/Humamites Licetives
	CHE F313 Separation Processes II	CHE F341 Chemical Engineering Laboratory II
III	CHE F311 Kinetics & Reactor Design	CHE F342 Process Dynamics & control
111	CHE F314 Process Design Principles I	CHE F343 Process Design Principles II
	CHE 1314 Hocess Design Timespies 1	CHE 1343 Hocess Design Timespies II
	Discipline Electives	Discipline Electives
	Open Electives	BITS F412 Practice School-II
	Discipline Electives	or
IV		BITS F421T Thesis
		or
		Thesis and Electives
_	Discipline Elective Courses:	
	Environmental Pollution Control	BITS- PILANI DUBAI
	Process Equipment Design	BITS- PILANI PROSPECTUS 22-23
	Process Plant Safety	BULLETIN
	Transport Phenomena Madaling and Simulation in Chamical	
	♦ Modeling and Simulation in Chemical	
	Engg.	
	Chemical Process Technology	
	Bio-chemical Engineering Patrology Pofining technology	
	Petroleum Refining technology Mombrone Science and Engineering	
	Membrane Science and EngineeringCorrosion Engineering	SCAN ME SCAN ME
	Corrosion EngineeringColloids and Interface Engineering	
	Colloids and interface Engineering Polymer Technology	
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