

Nano Science and Technology

Year I, Semester I

Course Code	Course Title	Cr. Hrs
ChEg 7111	Advanced Research Methods and Experimental Design	3
ChEg 7173	Elective I	3
ChEg 7113	Graduate Seminar I	1
	Total	7

Year I, Semester II

Course Code	Course Title	Cr. Hrs
ChEg 7114	Graduate Seminar II	1
ChEg7122	Catalysis and Catalytic Reactor Engineering	3
ChEg 7174	Elective II	3
	Total	7

Elective Courses

Course Code	Course Title		Cr. Hrs
ChEg 7173	Advances in Nano Science and Technology	Elective I	3
ChEg 7173	Nanomaterials for Chemical Engineering Applications		3
ChEg 7173	Advances in Nano Materials and Nanostructures-		3
ChEg 7174	Synthesis and fabrication of Nano Materials	Elective II	3
ChEg 7174	Thermodynamics and Statistical Mechanics of Nano Scale Systems		3
ChEg 7174	Nano Electrochemical Systems		3
ChEg 7174	Carbon Nano Tubes		3

Year II, Semester I (for all Specializations)

Course Code	Course Title	Cr. Hrs
ChEg 8114	Doctoral Dissertation	12
	Total	12

Year II, Semester II (for all Specializations)

Course Code	Course Title	Cr. Hrs
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ChEg 8114	Doctoral Dissertation	12
Total		12

Year III, Semester I (for all Specializations)

Course Code	Course Title	Cr. Hrs
ChEg 8114	Doctoral Dissertation	12
Total		12

Year III, Semester II (for all Specializations)

Course Code	Course Title	Cr. Hrs
ChEg 8114	Doctoral Dissertation	12
Total		12

Year IV, Semester I (for all Specializations)

Course Code	Course Title	Cr. Hrs
ChEg 8114	Doctoral Dissertation	12
Total		12

Year IV, Semester II (for all Specializations)

Course Code	Course Title	Cr. Hrs
ChEg 8114	Doctoral Dissertation	12
	Total	12

