

CBE Major PEs & UEs

Please click on individual links to view the syllabus

Course Code	Course Title	Course Type
CB1105	Materials Science	MPE
CH3141	Unit Operations A	GER-UE
CH4106	Formulation of Active Pharmaceutical Ingredients Dosage Form	MPE
CH4213	Pharmacokinetics and Biopharmaceutics	MPE & GER-UE*
CH4223	Petroleum Refining	MPE
CH4244	Numerical Methods and Data Analytics	MPE
CH4245	Problem Solving and Industrial Case Studies for Engineers	MPE
CH4250	Special Topics: Polymers for Nanotechnology	MPE & GER-UE
CH4303	Bioseparation	MPE & GER-UE
CH4305	Special Topics in Biotechnology	MPE & GER-UE*
CH4306	Bioanalytical Techniques	MPE & GER-UE
CH4341	Fundamentals of Intellectual Property in Chemical Engineering	MPE
CH4451	Process Engineering for Gas/LNG and Pharmaceutical Industries	MPE
CH4702-4703	Independent Research Project I/II	MPE & GER-UE*
CH9220	Food Standards – in Food Production	MPE
CH9221	Food Industry Seminar Series	MPE & GER-UE
MS4661	Application of Patents & Registered Design in Engineering Related Industries	MPE
MS4662	Appreciating IP in Research & Development	MPE

*only for 2nd major students.

In Blue: Offered to both CBE and BIE students