

## CBE Major PEs & BDEs/UEs

Please click on individual links to view the syllabus

Course Code	Course Title	Course Type
<a href="#">CB4001</a>	Microfluidics and Its Applications	MPE
<a href="#">CH4106</a>	Formulation of Active Pharmaceutical Ingredients Dosage Form	MPE
<a href="#">CH4213</a>	Pharmacokinetics and Biopharmaceutics	MPE & BDE/UE*
<a href="#">CH4223</a>	Petroleum Refining	MPE
<a href="#">CH4244</a>	Numerical Methods and Data Analytics	MPE
<a href="#">CH4245</a>	Problem Solving and Industrial Case Studies for Engineers	MPE
<a href="#">CH4303</a>	Bioseparation	MPE & BDE/UE
<a href="#">CH4305</a>	Special Topics in Biotechnology	MPE
<a href="#">CH4306</a>	Bioanalytical Techniques	MPE & BDE/UE*
<a href="#">CH4341</a>	Fundamentals of Intellectual Property in Chemical Engineering	MPE
<a href="#">CH4702-4703</a>	Independent Research Project I/II	MPE & BDE/UE
<a href="#">CH5220</a>	Food Standard – Food Safety & Risk Assessment	MPE
<a href="#">CH5221</a>	Food Industry Seminar Series	MPE & BDE/UE
<a href="#">CH5222</a>	Future Foods – Introduction to Advanced Meat Alternatives	MPE & BDE/UE
MS4661	Application of Patents & Registered Design in Engineering Related Industries	MPE
MS4662	Appreciating IP in Research & Development	MPE

\*only for 2<sup>nd</sup> major students.

In Blue: Offered to both CBE and BIE students