

Professional MS Program in Chemical Engineering

Spring 2025

Classes start Monday, January 13, 2025

Course Subject & Number	Course Title	Sec #	CRN	Cr. Hours	Days	Meeting Time	Dates	Instructor(s)
CHE 20500	Chem Engr Calculations	001	11743	4	MW	09:30 AM-11:20 AM	01/13/25-05/03/25	Masuku, Cornelius M.
CHE 30600*	Des Staged Separ Proc	001	13432	3	MWF	09:30 AM-10:20 AM	01/13/25-05/03/25	Harris, Michael T.
<i>*POS sections - see Schedule of Classes for various sections from which to choose</i>								
CHE 34800**	Chem Reaction Engr	001	10058	4	MWF	10:30 AM-11:20 AM	01/13/25-05/03/25	Gounder, Rajamani P.
<i>**Rec and Lab sections - see Schedule of Classes for various sections from which to choose</i>								
CHE 52500	Biochemical Engr	001	31058	3	TR	10:30 AM-11:45 AM	01/13/25-05/03/25	Morgan, John A.
CHE 54000	Transport Phenomena	001	11818	3	MWF	2:30 PM-3:20PM	01/13/25-05/03/25	Won, You-Yeon
CHE 59700CO	Computer Optimization	073	31964	3	TR	04:30 PM-05:45 PM	01/13/25-05/03/25	Li, Can
CHE 59700CP	Prof MS Capstone Project	045	24985	6		Arr Hrs	01/13/25-05/03/25	Clark, William R.
CHE 59700CS	Crystallization Sys Eng	068	31060	3	TR	01:30 PM-02:45 PM	01/13/25-05/03/25	Zoltan, Nagy
CHE 59700DS	Data Science In ChE	071	31086	3	TR	10:30 AM-11:45 AM	01/13/25-05/03/25	Bernal Neira, David E.
CHE 59700EE	Electrochemical Engineering	074	31965	3	TR	09:00 AM-10:15 AM	01/13/25-05/03/25	Tackett, Brian M.
CHE 59700G	Industrial Chemical Technology	028	16520	3	TR	01:30 PM-02:45 PM	01/13/25-05/03/25	Siirola, Jeffrey J.
CHE 59700MD	Medical Devices	044	27773	3	TR	03:00 PM-04:15 PM	01/13/25-05/03/25	Clark, William R.
CHE 59700OG	Intro To Upstream Oil & Gas	069	31061	3	MWF	08:30 AM-09:20 AM	01/13/25-05/03/25	Robert, Leon L., Schulteiss, Nathan C.
CHE 59700SC	Sustainable Chem Engineering	070	31084	3	TR	01:30 PM-02:45 PM	01/13/25-05/03/25	Martinez Sainz, Enrico
CHE 59700SCE	Stem Cell Engineering	075	31966	3	MWF	10:30 AM-11:20 AM	01/13/25-05/03/25	Bao, Xiaoping
CHE 59700SS	Financial Anlys Mgmt Of Proj	030	19142	3	MWF	11:30 AM-01:20 PM	01/13/25-03/09/25	Chutka, M., Clark, W.
CHE 62100	Trans Phenomena II	001	31080	3	MWF	04:30 PM-05:20 PM	01/13/25-05/03/25	Basaran, Osman A.
CHE 69700	Adv Modeling For Catalysis	088	31085	3	TR	01:30 PM-02:45 PM	01/13/25-05/03/25	Greeley, Jeffrey P.
CHE 69700B	Finite Element Analysis In CHE	087	31082	3	MWF	03:30 PM-04:20 PM	01/13/25-05/03/25	Basaran, Osman A.
ENGR 50200	Engineering Leadership*		32445	3	R	2:30 PM - 5:20PM	01/13/25-05/03/25	Hutcheson, Scott

*Engr 50200 will count toward the MGMT/Business course requirement/ may be entered directly in Scheduling Assistant

Management Courses - Cannot be added through Scheduling Assistant - send email requests to J. Moser (moser@purdue.edu) by Friday, Dec. 6, 2024.

Number	Course Title	Sec #	CRN	Cr Hr	Days	Mtg Time	Dates	Instructor(s)
MGMT 64700	Financial Engineering	001	18755	2	MW	04:30 PM-06:00 PM	03/10/25-05/03/25	Atmaz, Adem
MGMT 65000	Strategic Management I	001	65412	3	MWF	09:50 AM-11:20 AM	01/13/25-03/02/25	Ozmel Yavuz, Umit
		002	22702	3	MWF	11:30 AM-01:00 PM	01/13/25-03/02/25	Ozmel Yavuz, Umit
		003	26349	3	TR	08:00 AM-11:05 AM	01/13/25-03/02/25	Reuer, Jeffrey J.
MGMT 66000	Intro To Operations Management	001	22721	3	MWF	11:30 AM-01:00 PM	01/13/25-03/02/25	Shi, Pengyi
MGMT 66400	Supply Chain Management	002	17352	2	TR	02:50 PM-04:20 PM	03/10/25-05/03/25	Madan, Manohar S.

Spring 2025 CHE Electives by Concentration		Biochem	Data Sc	Energy	Gas/Petrol	Kinetics	Pharma
CHE 52500	Biochemical Engr	X					
CHE 59700CS	Crystallization Sys Eng						X
CHE 59700CO	Computer Optimization		X				
CHE 59700DS	Data Science In ChE	X	X	X	X	X	X
CHE 59700 EEE	Electrochemical Engineering					X	
CHE 59700G	Industrial Chemical Technology	X	X	X	X	X	X
CHE 59700MD	Medical Devices	X					X
CHE 59700OG	Intro To Upstream Oil & Gas			X	X		
CHE 59700SC	Sustainable Chem Engineering	X		X	X		X
CHE 59700SCE	Stem Cell Engineering	X					
CHE 62100	Trans Phenomena II						
CHE 69700	Adv Modeling For Catalysis		X		X	X	
CHE 69700B	Finite Element Analysis In CHE						
Totals		6	4	4	5	4	5