

Chemical Engineering Graduate Courses Fall 2020

Course #	Course title	Day	Start Time	End Time	Professor
CHAP E4120#	STAT MECH	T	7:00 PM	9:30 PM	O'Shaughnessy
CHEN E4001	ESSENTIALS OF CHEM ENG A	TR	1:10 PM	2:25 PM	Banta
CHEN E4001	ESSENTIALS OF CHEM ENG A R01	F	10:00 AM	11:15 AM	Banta
CHEN E4002	ESSENTIALS OF CHEM ENG B	TR	2:40 PM	3:55 PM	Banta
CHEN E4002	ESSENTIALS OF CHEM ENG B R01	F	11:30 AM	12:45 PM	Banta
CHEN E4010	MATH METHODS	MW	11:40 AM	12:55 PM	Bozic
CHEN E4020#	PROTECT INTEL PROP	M	7:00 PM	9:30 PM	Spall
CHEN E4110	TRANSPORT III	TR	11:40 AM	12:55 PM	Durning
CHEN E4130	ADV CHEM ENG THERMO	MW	2:40 PM	3:55 PM	Kumar
CHEN E4201#	ENG'G APPL of ELECTROCHEM	TR	8:40 A M	9:55 AM	West
CHEN E4231#	SOLAR FUELS	MW	10:10 AM	11:25am	Esposito
CHEN E4235	SURFACE REACTIONS AND KINETEICS	TR	10:10 AM	11:25 AM	Chen
CHEN E4400	CHEMICAL PROCESS DEVELOPMENT	R	7:00 PM	9:30 PM	Mattas
CHEN E4580	ARTIFICIAL INTELLIGENCE FOR CHEME	MW	1:10 PM	2:25 PM	Venkat
CHEN E4660#	BIOCHEMICAL ENGINEERING	MW	10:10 AM	11:25AM	Obermeyer
CHEN E4670#	CHEMICAL ENGINEERING DATA ANALYSIS	MW	8:40 AM	9:55 AM	Bishop
CHEN E4700#	PRINCIPLE OF GENOMIC TECHNOLOGIES	M	7:00 PM	9:30 PM	Ju
CHEN E4850	CONTAMINATED SITE CLEAN UP	R	4:10 PM	6:40 PM	Tsiamis
CHEN E4860#	NMR OF BIO, SOFT, & ENERGY MATERIALS	MW	5:50 PM	6:40 PM	Marbella
CHEN E4920#	PHARMA INDUSTRY FOR ENGINEERS	MW	1:10 PM	2:25 PM	Moment
CHEN E9001	MASTERS COLLOQUIUM	T	4:10 PM	5:00 PM	Bozic

These are Common Elective Courses Outside of the Department of Chemical Engineering (With advisor approval MS students may select up to 6 points of the required 30.)

Other Electives of Interest to Chemical Engineering Graduate Students

Mechanical Engineering

MECE E4211	ENERGY SOURCES AND CONVERSION	TBD	TBD	TBD	TBD
MECE E4320**	INTRO TO COMBUSTION	R	4:10 PM	6:40 PM	Burke

Earth/Environmental Engineering

EAAE E4003	INTRO TO AQUATIC CHEMISTRY	MW	10:10 AM	11:25 AM	Ngai
EAAE E4163	SUSTAINABLE WATER TREATMENT	TBD	TDB	TBD	TBD
EAAE E4550	CATALYSIS OF EMISSIONS CONTROL	MW	2:40 PM	3:55 PM	Farrauto
EAAE E6212#	CARBON SEQUESTRATION	TBD	TBD	TBD	TDB

Biomedical Engineering

BMEN E4001	QUANTITATIVE PHYSIOLOGY I	MW	8:40 AM	9:55 AM	Kam
BMEN E4510	TISSUE ENGINEERING I	MW	11:40 AM	12:55 PM	Hung

Applied Physics and Applied Mathematics

APAM E4260	Electrochemical Materials and Devices	TBD	TBD	TBD	TBD
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S2E Recitation periods are highlighted in yellow. S2E Students must attend recitation periods, but do not need to register for the CHEN E4001 and CHEN E4002 recitation periods. CHEN E4001 and CHEN E4002 are for S2E students only.

** MECE E4320 will count as in the department.

*Courses in red count toward the S2E Student design requirement. S2E students must fulfill the design requirement after successful completion of CHEN E4001 and CHEN E4002.

#S2E students are eligible to take this elective during the first semester and count the course as within the department of chemical engineering.