

CHEMICAL ENGINEERING
PROPOSALS

10/24/2005

CURRICULUM PROPOSALS

Codes: (Note: these codes are in the last three (3) columns on right side of this form)
 1-Catalog Descript. 2-Certificate 3-Concentration (Cog+Cags) 4-Dept Name Chg. 5-Gen Ed. 6-Hegis Chg. 7-Minor Chg. 8-Minors 9-New Crs. 10-Prereq. 11-Programs. 12-Specialt.
 13-Title chg. 14-Deletion 15-Credit hr 16-WI-non gen ed 17-MGS-non gen ed * In Q (right)Column-see proposal

Chemical Engineering	TM 7/19/01	New Course	G			Advanced Engineering Process Analysis and Experimental Design	99-00-431	0906.577	5	15	1	Spr 2002	9
Chemical Engineering	TM 1/23/98	New Course	U			Advanced Design of Reactors	97-98-4	0906.465	12	1	97	Spr/2000	9
Chemical Engineering		New Course	U			Advanced Process Analysis	99-00-403	0906.481	2	04	00	Spr/01	9
Chemical Engineering	01/11/02	New Course	G			Advanced Process Analysis	99-00-428	0906.581	1	7	2	Spr/01	9
Chemical Engineering		New Course	G			Advanced Reactor Design	95-96-137	0906.515	5	20	96	Fall 96	9
Chemical Engineering		New Course	G			Advanced Separation Process Technology	97-98-2	0906.516	10	28	97	Spr/98	9
Chemical Engineering		New Course	U			Advanced Separation Process Technology	95-96-130	0906.464	3	24	97	Spr/2000	9
Chemical Engineering	Matteson 3/8/99	New Course	G			Advances in Particle Technology	98-99-451	0906.574			99		9
Chemical Engineering	TM 3/31/99	New Course	G			Air Pollution Control	98-99-442	0906.570			99		9
Chemical Engineering	TM 6/4/96	New Course				Biomedical Process Engineering	95-96-136	0906.510	5	20	96	Spring 97	9
Chemical Engineering		New Course	U			Biomedical Process Engineering	98-99-416	0906.572	05	26	99	Fall/99	9
Chemical Engineering		New Course	U			Bioprocess Engineering	95-96-125	0906.462	3	24	97	Spr/2000	9
Chemical Engineering	TM 3/31/99	New Course	G			Bioseparation Processes	98-99-448	0906.576			99		9
Chemical Engineering	TM 3/7/03 *Conditionally Apply	Minor Change				Changes to requirements for the degree of BS in Chemical Engineering See Proposals for details	01-02-402		03	11	3	Spr/03	
Chemical Engineering	TM 11/19/98	Specialization	G			Chemical Engineering Curriculum Specialization for Degree of MS in Engineering	97-98-163	906	11	13	98		12
Chemical Engineering		Minor Change	U			Chemical Engineering Curriculum --Chg in Semester of Fluid Mechanics I. Hegis #s for Principles of Chemical Processes II.	96-97-140	see proposal	04		97		*
Chemical Engineering		New Course	U			Chemical Engineering Thermodynamics	96-97-130	0906.310	7	7	97	Spr/99	
Chemical Engineering		New Course	U			Chemical Plant Design	95-96-121	0906.406	3	24	97	Spr/2000	9
Chemical Engineering	TM 4/24/98	Minor Change	U			Chemical Process Component Design	97-98-236	0906.401	04	14	98		6
Chemical Engineering	TM 1/23/98	New Course	U			Chemical Process Component Design	97-98-72	0906.314	12	1	97	Spr/99	6
Chemical Engineering		New Course	U			Chemical Reaction Engineering	95-96-119	0906.402	3	24	97	Fall/99	9
Chemical Engineering		Minor Change	U			Chemical Reaction Engineering -Chg Hegis # from 0906.402 to 0906.316	97-98-237	0906.316	5	18	98		6
Chemical Engineering	TM 3/31/99	Minor Change	U			Chemical Reaction Engineering Chg Credits from 3 to 4	98-99-405	0906.416			99		7

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Chemical Engineering	TM 11/22/02	New Course	G		Controlled Release Theory, Technology and Applications	01-02-410	0906.584	10	31	02	Spr/03	9
Chemical Engineering	TM 3/31/99	New Course	G		Electrochemical Engineering	98-99-444	0906.568			99		9
Chemical Engineering	TM 3/6/02	New Course	G		Engineering Exercise Dynamics	00-01-401	0906.583	02	22	02	Spr/03	9
Chemical Engineering		New Course	U		Engineering Materials	95-96-60	0906.212	12	8	95	Spr/98	9
Chemical Engineering		New Course	U		Engineering Materials I	96-97-89	0901.281	3	7	97	Spr/98	9
Chemical Engineering	TM 7/12/04	Minor Change	G		Engineering Process Analysis and Experimental Design	03-04-413	0906.577	06	16	04	Fall/04	10
Chemical Engineering	TM 8/13/01	Minor Change	U		Environmental Considerations in Process Design	00-01-402	0906.463	8	6	1	Spring 02	7
Chemical Engineering		New Course	U		Environmental Considerations in Process Design	95-96-129	0906.463	3	24	97	Spr/2000	9
Chemical Engineering	TM 8/13/01	Minor Change	G		Environmental Design in the Process Industries	00-01-403	0906.520	8	6	1	Spr 2002	7
Chemical Engineering		New Course	G		Environmental Design in the Process Industries	95-96-140	0906.520	3	24	97	Spr/97	9
Chemical Engineering	TM 7/19/01	Minor Change			Equilibrium Staged Operations (Transfer Process II/Mass)	00-01-405	0906.312	5	15	1	Spr 2002	9
Chemical Engineering	Matteson 3/8/99	New Course	G		Fluid Flow Applications in Processing and Manufacturing	98-99-452	0906.528			99		9
Chemical Engineering		New Course	U		Fluid Flow in Processing and Manufacturing	95-96-127	0906.442	1	31	97	Fall/99	9
Chemical Engineering	TM 8/13/01	New Course	G		Food Engineering Systems	99-00-430	0906.582	6	8	1	Spr 2002	9
Chemical Engineering	T.M. 8/4/98	Minor Change	U		Freshman Engineering Clinic I (from 3 s.h. to 2 s.h.) Also list under "Engineering Dept"	97-98-293	0901.101	7	30	98		15
Chemical Engineering	TM 8/4/98	Minor Change	U		Freshman Engineering Clinic II (from 3 s.h. to 2 s.h.) Also list under "Engineering Dept"	97-98-291	0901.102	7	30	98		15
Chemical Engineering	TM 7/23/02	New Course	U		Fundamentals of Controlled Released	01-02-409	0906.484	07	04	02	Fall/2002	9
Chemical Engineering	TM 12/18/01	New Course	U		Fundamentals of Engineering Process Analysis and Experimental Design	99-00-402	0906.477	11	30	01	Spr/99	9
Chemical Engineering	TM 3/31/99	New Course	U		Fundamentals of Particle Technology	98-99-453	0906.474			99	Spr 2002	9
Chemical Engineering	TM 7/12/04	Minor Change	U		Fundamentals of Engineering Process Analysis and Experimental remove approval of Grad. Advisor from prereq.	03-04-414	0906.477	06	16	04	spr/05	10
Chemical Engineering	TM 7/19/01	Minor Change	U		Heat Transfer Processes (Transfer Processes I: Heat)	00-01-406	0906.311	5	15	1	Spr 2002	7
Chemical Engineering	TM 8/13/01	New Course	G		Industrial Process Pathways	99-00-429	0906.579	06	05	01		9
Chemical Engineering	TM 3/3/00	New Course	U		Industrial process Pathways: Kinetics and Mechanisms	99-00-418	0906.479	2	04	00	Fall 00	9
Chemical Engineering	TM 10/1/03	New Course	U		Membrane Process Technology	02-03-402	0906.486	09	26	03	Fall/04	9

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Chemical Engineering	TM 6/4/96	New Course	G		Membrane Processes Technology	95-96-143	0906.508	5	20	96	Fall 96	9
Chemical Engineering	TM 3/31/99	Major change	U	Program Change	Minor change in curriculum for Chemical Engineering Program yr 2000,01,02,03, and beyond	98-99-450				99		7
Chemical Engineering	TM 7/19/01	New Course	G		Optimization of Engineering Projects	99-00-426	0906.580	5	15	1	Spr 2001	9
Chemical Engineering		New Course	G		Polymer Engineering	97-98-5	0906.518			98	Spr/98	9
Chemical Engineering	TM 1/23/98	New Course	U		Polymer Processing Two proposals w/same SCC# Psy	97-98-1	0906.466	12	1	97	Fall 1999	9
Chemical Engineering	TM 3/31/99	New Course	U		Principles of Air Pollution Control	98-99-446	0906.470			99		9
Chemical Engineering	TM 7/19/99	New Course	U		Principles of Biomedical Processes	98-99-415	0906.472	05	26	99	Fall/99	9
Chemical Engineering	Matteson 3/8/99	New Course	U		Principles of Bioseparation Processes	98-99-449	0906.476			99		9
Chemical Engineering		New Course	U		Principles of Chemical Processes	95-96-59	0906.206	1	26	96	Spr/98	9
Chemical Engineering		New Course	U		Principles of Chemical Processes I	95-96-178	0906.201	3	24	97	Spr/98	9
Chemical Engineering		New Course	U		Principles of Chemical Processes II	95-96-179	0906.302				Spr/98	9
Chemical Engineering	TM3/31/99	New Course	U		Principles of Electrochemical Engineering	98-99-443	0906.468			99		9
Chemical Engineering	TM 8/13/01	New Course	U		Principles of Engineering Exercise Physiology	00-01-400	0906.483	6	8	1	Spr 2002	9
Chemical Engineering		New Course	U		Principles of Food Engineering	99-00-400	0906.482	02	04	00	Fall 00	9
Chemical Engineering		New Course	U		Process Dynamics and Control	95-96-120	0906.405	3	24	97	Spr/2000	9
Chemical Engineering	TM 1/23/98	New Course	U		Process Fluid Transport	97-98-71	0906.309	12	1	97	Fall 98	9
Chemical Engineering		New Course	U		Process Safety	95-96-124	0906.441	3	24	97	Fall/99	9
Chemical Engineering	TM 3/3/00	New Course	U		Project Optimization in Engineering	99-00-421	0906.480	2		0	Fall 00	9
Chemical Engineering	TM 8/22/01	Minor Change	U	Major	Require Biology I (0401,100) for a Chem. Engineering Major	99-00-425		6	25	1	Spr '02	7
Chemical Engineering		New Course	G		Safety in the Process Industries	95-96-135	0906.512	3	24	97		9
Chemical Engineering		New Course	U		Separation Processes	95-96-118	0906.401	3	24	97	Fall/99	9
Chemical Engineering	TM 4/24/98	Minor Change	U	Hegis	Separation Processes (4 s.h., to Jr. yr) Spring	97-98-236	0906.314	04	14	98		6
Chemical Engineering		Minor Change	U	Catalog	Separation Processes Chg course topics and catalog description	98-99-440	0906.314			99		7
Chemical Engineering	TM 7/19/01	Minor Change	U	Prerequisite	Special Topics in Chemical Engineering: Topic	00-01-404	0906.490	5	15	1	Spr 2002	7

