

CH E CHECK SHEETS (ALL OPTIONS)

NAME: \_\_\_\_\_

STUDENT ID: \_\_\_\_\_

PSU E-MAIL \_\_\_\_\_

Chemical Engineering (34 credits)	CR	Grade
CH E 210 (C) - Material Balances	3	
CH E 220 (C) - Thermodynamics I	3	
CH E 300 - Professional Seminar	1	
CH E 320 (C) - Thermodynamics II	3	
CH E 330 (C) - Fluids	3	
CH E 340 - Bioprocessing	3	
CH E 350 (C) - Heat Transfer	3	
CH E 360 (C) - Math Modeling	3	
CH E 410 (C) - Mass Transfer	3	
CH E 430 (C) - Reactor Design	3	
CH E 470 - Capstone Design	3	
CH E 480W - ChE Lab	3	

Physics (8 credits)	CR	Grade
PHYS 211 - Mechanics	4	
PHYS 212 - Electricity	4	

GEN Option (18 credits)	CR	Grade
CH E 4 _____ - CH E Elective I	3	
CH E 4 _____ - CH E Elective 2	3	
ENG Elective 1	3	
ENG Elective 2	3	
PROF Elective 1	3	
PROF Elective 2	3	

BPBME Option (18 credits)	CR	Grade
B M B 401	3	
CH E 438	3	
CH E 449	3	
Select 3 cr from list		
B M B 442 or BIOTC 479	3	
Select 6 cr from list		
BIOE 419	3	
BIOL 472	3	
B M B 252	3	
B M B 474	3	
CH E 501	3	
MICRB 201	3	
MATSE 403	3	

Chemical Sciences (24 credits)	CR	Grade
CHEM 110 - General Chemistry I	3	
CHEM 111 - Lab I	1	
CHEM 112 - General Chemistry II	3	
CHEM 113 - Lab II	1	
CHEM 210 - Organic I	3	
CHEM 212 - Organic II	3	
CHEM 213 - Organic Lab	2	
CHEM 466 - P-Chem	3	
CHEM 457 - P-Chem Lab	2	
BMB/MICRB 251- Mol. Biology	3	

MATH (16 credits)	CR	Grade
MATH 140 - Calculus I	4	
MATH 141 - Calculus II	4	
MATH 230 - Multivariate Calculus	4	
MATH 251 - Differential Equations	4	

E&FE Option (18 credits)	CR	Grade
EGEE 411	3	
Select 3 cr from list		
F SC 401	3	
I H S 400	3	
Select 9 cr from list		
EGEE 430	3	
F SC 431	3	
F SC 432	3	
F SC/CH E 435	3	
EGEE 420	3	
P N G 410	3	
P N G 480	3	
ENVSE 420 (I H S 420)	3	
ENVSE 457 (I H S 447)	3	
ENVSE 450 (I H S 450)	3	
ENVSE 470 (I H S 470)	3	
GEOEE 427	3	

GENED (18 credits)	GA/GH GS	US/ IL	CR	Grade
ECON	GS	--	3	

Other Reuirements (16 credits)	CR	Grade
First Year Seminar	1	
ENGL 15/30 - Rhetoric	3	
CAS 100 A/B - Speech Comm	3	
ENGL 202C - Technical Writing	3	
EDSGN 100 -Intro Design	3	
GAH	1	
GAH	1	
GAH	1	

PLMRE Option (18 credits)	CR	Grade
MATSE 441	3	
MATSE 443	3	
MATSE 446	3	
MATSE 447	3	
MATSE 448	3	
Select 3 cr		
MATSE 444	3	
MATSE 445	3	

Research Intensive Option (18 credits)	CR	Grade
CH E 494	6	
Select 3 cr from list		
CH E 466	3	
CH E 544	3	
Select 3 cr from CH E 5XX		
CH E 5 _____	3	
Select 6 cr of appropriate electives		
Tech/Prof Elective 1 -		
Tech/Prof Elective 2 -		

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