

** See page 2 for the elective core courses.

A 'C' or better is required for admission to upper level CEAS courses

Student Number: _____

Name: _____

PAPER ENGINEERING PROCESS - ELECTIVE CORE COURSES

(Select 17 credits from the following)

Cr. Hrs	Elective	Cr. Hrs	Elective	Cr. Hrs	Elective	Cr. Hrs	Elective	Cr. Hrs	Elective	Cr. Hrs	Elective				
3	CHEG 3200 Chemical Engineering Thermo. (F)	3	CHEG 4100 Chemical Reaction Engineering (F)	4	PAPR 2420 Coating *REQUIRED (Sp)	4	ECE 2100 Circuit Analysis (L) (F, Sp, Sul)	3	IEE 3100 Engineering Economy (F, Sp, Sul)	4	STAT 5670 Statistical Design and Analysis of Experiments (F)	3	GPS 5100 Printability Analysis	1	CHP 3100 Work Experience/Co-op
	CHEM 1120 ≥ C		CHEG 3200 or CHEM 4300 ≥ C				Co-requisite PHYS 2070		MATH 1230 ≥ C		Intro stat course		GPS 3500 OR GPS 2580 OR GPS 3590 OR PAPR 2420 OR PAPR 3420		
	CHEG 2960 ≥ C						MATH 1230 or 1710 ≥ C		Junior Standing						
3	ME 2560 Statics														
	MATH 1230 ≥ C														
	PHYS 2050/60 ≥ C														

PAPER ENGINEERING - ENVIRONMENTAL ENGINEERING & SUSTAINABLE PROCESSES

ELECTIVE CORE COURSES (Minimum of 17 credits)

Cr. Hrs	Elective	Cr. Hrs	Elective	Cr. Hrs	Elective	Cr. Hrs	Elective	Cr. Hrs	Elective	Cr. Hrs	Elective				
3	CHEG 4440* Energy Management Engineering (F)	4	BIOS 2320 Microbiology & Infectious Diseases (F, Sp)	1	CHP 3100 Work Experience/Co-op (F, Sp, Sul)	3	CHEG 3200 Chemical Engineering Thermo. (F)	3	CHEG 4100 Chemical Reaction Engineering (F)	3+ 1	CHEM 2250/2260 Quantitative Analysis (Sp)	3+ 1	CHEM 3550/3560 Introductory Biochemistry (Sp, Sul)	3	ECON 3190 Environmental Economics
	CHEG 3120 & 3200 ≥ C				Junior Standing		CHEM 1120 ≥ C		CHEM 4300 ≥ C		CHEM 1120/1130 ≥ C		CHEM 3700/3710 or CHEM 3770/3780 ≥ C		ECON 2010 ≥ C
	or CHEG 3120 & CHEM 4300 ≥ C						CHEG 2960 ≥ C								
	or ME 4310 & 4320 ≥ C														
3	IEE 3100 Engineering Economy (F, Sp, Sul)	4	PAPR 2420 Coating (Sp)	3	CHEG 5200 Renewable Energy and Energy Storage (Sp)										
	Math 1230 or 1710 ≥ C		PAPR 2040 or PAPR 2550 or GPS 2150 ≥ C												
	Junior Standing														

*CHEG 4440 is a required course.

		PHYS 2070 ≥ C					
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