

BACHELOR OF SCIENCE IN PROCESS ENGINEERING CURRICULUM SHEET

FRESHMAN (34)

FALL			SPRING		
ENCP A101	Introduction to Engineering I	3	ENCP A102	Introduction to Engineering II	3
- CHEM A111	General Chemistry I & Lab	4	CHEM A112	General Chemistry II & Lab	4
ENGL A101	Critical Reading & Comp.	3	ENGL A102	Rhetoric & Composition	3
MATH A141	Calculus I	4	MATH A142	Calculus II	4
GEN ED	Humanities	<u>3</u>	ECON A221/222	Micro/Macro Economics	<u>3</u>
		17			17

SOPHOMORE (34)

FALL			SPRING		
ENCP A200	Statics	3	ENCP A290	Thermodynamics Fund.	3
ELCT A221	Circuits	3	ENCP A260	Intro. to Mechanics of Solids	3
MATH A241	Vector Calculus	4	MATH A242	Elem. Differential Equations	4
PHYS A211	Essentials of Physics I & lab	4	PHYS A212	Essentials of Physics II & lab	4
COMM A201/241	Public Speaking	<u>3</u>	STAT A509	Statistics for Engineers	<u>3</u>
		17			17

JUNIOR (31)

FALL			SPRING		
ENCP A361	Instrumentation, Meas, Stats	3	ENCP A334	Quality Control & Planning	3
ENCP A361L	Instrumentation, Meas, Stats Lab	1	ENCP A327	Design of Mech. Elements	3
ENCP A371	Engineering Materials	3	ENCP A310	Dynamics	3
ENCP A360	Fluids	3	GEN ED	Global Cultures	3
BADM A371	Principles of Management	3	GEN ED	API	<u>3</u>
GEN ED	Humanities	<u>3</u>			15
		16			

SENIOR (30)

FALL			SPRING		
ENCP A380	Systems Engineering	3	ENCP A421	Engineering Economics	3
ENCP A498	Senior Capstone I	3	ENCP A499	Senior Capstone II	3
ENCP A316	Control Systems	3	PHIL A325	Engineering Ethics	3
TECH ELEC	Technical Elective	3	TECH ELEC	Technical Elective	3
GEN ED	Soc/Behav	<u>3</u>	BADM A494	Project Management	<u>3</u>
		15			15

ADDITIONAL REQUIREMENTS

One 3-Credit Non-Western World Studies Course

TECHNICAL ELECTIVES

Any ENCP course (A300 or higher not required by major), any CSCI course (A145 to A562), any MATH course (A518 to A554), any MGMT course (A300 or higher not required by major), any BADM course (A300 or higher not required by major), any CHEM course A300 or higher or departmental approved course