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	Calculus I (P5, or MATH167 or M	4		CHEM132	General Chemistry II (C- or better in CHEM131)	4
CHEM131	General Chemistry I (P3, MATH165, MATH166, MATH168, or MATH191, MATH195)	4		RELT100	God & Human Life	3
ENGL115	College Writing I	<u>3</u>		ENGR185	Engineering Statics (MATH191)	3
		16				<u>18</u>
 Sophomore						
ENGR225	Circuit Analysis (MATH191)	3		ENGR285	Engineering Dynamics (ENGR185, PHYS241, and MATH192)	3
PHYS241	Physics for Scientists I (MATH192, Co: PHYS271)	4		MATH286	Differential equations (MATH192)	3
MATH240	Calculus III (MATH192)	4		HLED135	Wellness	3
CHEM231	Organic Chemistry I (CHEM132)	4		COMM104	Communication Skills	3
PHYS271	Lab	1		REL	Religion	3
		<u>16</u>		ENGR275	Electronics I (ENGR225)	<u>3</u>
						18
 Junior						
CPTR151	Computer Science I	3		ENGR310	Linear Systems Analysis (MATH215, MATH286, CPTR151)	3
CHEM330	Quantitative Chemical Analysis (CHEM132)	3		ENGR355	ChemE Lab (CHEM200)	4
CHEM431	Physical Chem I (Choose one: S	3		ENGR382	Separation Processes (ENGR 32X, ENGR 330 or CHEM 430)	3
ENGR323	Chemical Reaction Engineering (Chem 132 and MATH 286)	3		ENGR360	Fluid Dynamics (ENGR285, ENGR330, MATH286)	3
* HIST110	Worldviews, Cultures, and Gi	3		ENGL215	College Writing II (ENGL 115 or ENGL 117)	3
		<u>15</u>				<u>16</u>
 Senior						
ENGR491	Review of Engineering Design	1		Elective	ENGR Elective	3
ENGR450	Engineering Economy (MATH145 or MATH191)	2		ENGR492	Senior Design Project (ENGR385 or ENGR390)	3

ENGR410	Feedback Control Systems (ENGR275 ENGR285 ENGR310)	4	ENGR440	Heat & Mass Transfer (ENGR360, MATH286)	3
* ENGR480*	Process Design (ENGR464)	3	GEN ED	Arts/Humanities	3
REL	Religion (RELB,RELG,RELT)	3	GEN ED	Social Sciences	3
GEN ED	Arts/humanities	3	REL	Religion	3
		<u>16</u>			<u>18</u>

* Offered every other year*

Total Credits for Graduation 133