

## Dual Degree Program Course Requirements

Engineering Requirements for all majors/departments		
Course Code	Course Title	Semester Credit Hours
CHEM 105	<b>CHEM 111</b> Principles of Chemistry I	3
CHEM 106	<b>CHEM 331</b> Principles of Chemistry II	3
CHEM 113	Principles of Chemistry Lab	2
ENGR 131	Elementary Computer Programming (JAVA) <b>CS128+JAVA</b>	3
MATH 121	<b>MATH 180</b> Calculus for Science and Engineering I	4
MATH 122	<b>MATH 280</b> Calculus for Science and Engineering II	4
MATH 223	<b>MATH 350</b> Calculus for Science and Engineering III	3
MATH 224	<b>MATH 320</b> Elementary Differential Equations	3
PHYS 121	<b>PHYS 125</b> General Physics I	4
PHYS 122	<b>PHYS 235</b> General Physics II	4
	Humanities and Social Science (including college level writing proficiency)	22
	Physical Education (2 semesters)	0
		<b>55</b>