

# Engineering

## Major

A major in engineering consists of 80 credit hours with a grade of 'C-' or better in the required majors courses. This may be achieved by taking the core engineering requirements along with a selected concentration. Moreover, students whose level of language participation necessitates their enrollment in a world language course at the 101 level will have successfully completed the world language requirement upon completion of this course.

## Core Engineering Courses

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
CH 110	General Chemistry	4.0
MA 213	Calculus I	4.0
MA 223	Calculus II	4.0
MA 233	Calculus III	4.0
MA 332	Introduction to Differential Equations	4.0
PY 201	College Physics I	4.0
PY 202	College Physics II	4.0

## Math/Chemistry Electives

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MA 123	Elementary Statistics	4.0
MA 323	Introduction to Linear Algebra	4.0
CH 203	Organic Chemistry I	4.0
CH 211	Quantitative Analysis	4.0
CH 231	Inorganic Chemistry	4.0

## Engineering Concentration

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
EG 301	Circuits	4.0
EG 304	Materials Science	4.0
EG 321	Analytical Mechanics: Statics	4.0
EG 4xx	Senior Seminar I	2.0
EG 4xx	Senior Seminar II	2.0
	<b>Total Credits</b>	<b>60-80</b>