

**General Engineering Track Sheet** PRE-ENGINEERING CURRICULUM

## Core Curriculum Areas A-E for Science Majors

AREA A	Cr. Hours
ENGL 1101 English Composition I	3
ENGL 1102 English Composition II	3
MATH 1113 Precalculus Mathematics	3

AREA B	
HUMN 2001 World Humanities I	4
COMS 1010 Introduction to Communication	2

AREA C	
HUMN 2002 World Humanities II	4

AREA D	
CHEM 1211 Principles of Chemistry I	4
CHEM 1212 Principles of Chemistry II	4
MATH 2011 Calculus and Analytic Geometry I	4

AREA E	
HIST 2111	
or HIST 2112 United States to/since 1877	3
POLS 1101 American Government	3
ECON 1810 Introduction to Economics	3
or ECON 2105 or 2106 Macro/Micro Economics	
Social Science Elective	3

## Core Curriculum Area F for Physics Majors

AREA F	
PHYS 2211 Principles of Physics I	4
PHYS 2212 Principles of Physics II	4
MATH 2012 Calculus and Analytic Geometry II	4
MATH 2013 Calculus and Analytic Geometry III	4
CSCI 2060 Programming for Science and Engineering	4

## Non-Core Courses

MATH 3020 Differential Equations	3
MATH 3280 Linear Algebra	3

## Directed Electives--Some of these may be required or useful within your program

BIOL 1107 Principles of Biology I	4
ENGR 2020 Statics	3
ENGR 2040 Dynamics	3
MATH 4251 Probability and Statistics I	3

## Wellness Requirement

WELL 1000 Wellness	2
One Wellness Activity Class	1