

# Sample Plan

Freshman Year			
I		II	
Course ID	Course Name	Course ID	Course Name
ENGR 1201	Intro. to Engr. I	ENGR 1202	Intro. to Engr. II
MATH 1241	Calculus I	PHYS 2101	Physics I
UWRT 1103/4	Writing	PHYS 2101L	Physics I Lab
LBST 110X	Liberal Studies Elective	MATH 1242	Calculus II
	Science Elective	MATH 2164	Matrices & Linear Algebra

Sophomore Year			
I		II	
Course ID	Course Name	Course ID	Course Name
PHYS 2102	Physics II	SEGR 2110	Systems Engr. Concepts
PHYS 2102L	Physics II Lab	STAT 3128	Prob. & Stat. for Engr.
SEGR 2105	Comp. Meth. for Sys. Engr.	CHEM 1251	Principles of Chemistry I
MATH 2241	Calculus III	CHEM 1251L	Principles of Chemistry Lab. I
ECON 210x	Macro/Micro Economics	LBST 2301	Critical Thinking and Comm.
SEGR 2106	Engr. Economic Analysis		Technical Elective

Junior Year			
I		II	
Course ID	Course Name	Course ID	Course Name
LBST Elec 1	Liberal Studies Elective	SEGR 3102	Sys. Simul. Modeling & Anal.
SEGR 3105	Comp. Meth. for Sys. Engr. II	SEGR 3111	Project Management
SEGR 3107	Decision and Risk Analysis	MATH 2171	Differential Equations
SEGR 3201	Operations Res.- Deterministic	SEGR 3202	Operations Res.-Probabilistic
	Concentration Course	SEGR 3110	System Design and Deployment
			Concentration Course

Senior Year			
I		II	
Course ID	Course Name	Course ID	Course Name
SEGR 3290	Sys. Design Project I	SEGR 3291	Design Project II
ENGR 3295	Prof. Development	SEGR 4170	Total Quality Systems
SEGR 4114	Production Control Systems	LBST Elec 2	Liberal Studies Elective
SEGR 4141	Engr. Experimental Design		Concentration Course
	Concentration Course		Technical Elective
	Technical Elective		