

SEEM APS

Name:

ID:

Students are responsible for checking and fulfilling prerequisites.

Freshman Year					
I			II		
Course ID	Course Name	Grade	Course ID	Course Name	Grade
ENGR 1201	Intro. to Engr. I		ENGR 1202	Intro. to Engr. II	
MATH 1241	Calculus I		PHYS 2101	Physics I	
WRDS 1103/4	Writing		PHYS 2101L	Physics I Lab	
LBST 110X	Liberal Studies Elective		MATH 1242	Calculus II	
	Science Elective		ECON 1101	Economics for Non-Majors	

Energy Systems Concentration
3 from {SEGR 4961, 4962, 4963, 4964}
1 from {above courses} or {SEGR 4201, 4202, 4203}

Sophomore Year					
I			II		
Course ID	Course Name	Grade	Course ID	Course Name	Grade
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	
MATH 2164	Matrices & Linear Algebra		LBST 2301	Critical Thinking and Comm.	
SEGR 2106	Engr. Economic Analysis			Technical Elective	

Junior Year					
I			II		
Course ID	Course Name	Grade	Course ID	Course Name	Grade
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	Grade	Course ID	Course Name	Grade
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				