

Model AS In Natural Science - Engineering Concentration

8/5/2011

GE Courses			
GE Category	Course	Title	Credit
FW	Eng 100	Composition I	3
FS	Math 205	Calculus I	4
FGA/B/C	2 courses		6
DA	Sp 251		3
DS	Econ 120, 130 or 131	Economics	3
Total			19

Shared Program Courses (required of all concentrations)			
GE Category	Course	Title	Credits
DP	Chem 161	Gen Chem I (DP)	3
DY	Chem 161L	Gen Chem I Lab (DY)	1
DP	Chem 162	Gen Chem II	3
DY (not required for Engineering)	Chem 162L	Gen Chem II Lab	1
	EE 160*	Programming for Engineers (replaces ICS 101)	4
Total			12

Courses Required for Engineering Concentration			
GE Category	Course	Title	Credit
	Math 206	Calculus II	4
DP	Phys 170	Physics I	4
DY	Phys 170L	Physics I Lab	1
DP	Phys 272*	Physics II	3
DY	Phys 272L	Physics II lab	1
	Math 231	Calculus III	3
	Math 232	Calculus IV	3
	EE 211* or CE 270	Basic Circuit Analysis/Applied Mechanics I	3 or 4
Total			22-23
		Grand Total	53-54

* Distance delivered courses offered each semester (hopefully soon)

Students may complete the following to meet other College of Engineering requirements: second course in DH or DL , second course in DS, at least one W courses, H course