Architectural Engineering

FALL 2015

1st Semester	2nd Semester	3rd Semester	4th Semester	5th Semester	6th Semester	7th Semester	8th Semester
ARE Seminar ARE 020 (0)	ARE Seminar ARE 020 (0)	ARE Seminar ARE 020 (0)	ARE Seminar ARE 020 (0)	ARE Seminar ARE 020 (0)	ARE Seminar ARE 020 (0)	ARE Seminar ARE 020 (0)	ARE Seminar ARE 020 (0)
Arch Engg Orientation ARE 100 (2)	Graphic Comm 1 CNS 210 (1)		Graphic Comm 2 CNS 321 (3)		Plan Rdg & Sys Comm ARE 421 (3)	Sys Integ & Design ARE 571 (3)	ARE Capstone ARE 671 (4)
	Const Materials CNS 220 (2)	Bldg Sys Intro ARE 295 (3)		+ ARE Prof Practice ARE 460 (3)	Comp Aided ARE ARE 521 (2)		
	+ History Bldg & Cons CNS 110 (3)		Science Elective (3) ••	Electrical Syst 1 ARE 551 (3)	Electrical Syst 2 ARE 561 (3)		
+ Chemistry 1 CHM 210 (4)	Engineering Physics 1 PHYS 213 (5)	Engineering Physics 2 PHYS 214 (5)	Thermo 1 ME 513 (3)	Mech Syst 1 ARE 552 (3)	Mech Syst 2 ARE 562 (3)		
		Statics CE 333 (3)	Mech of Materials CE 533 (3)	Struct 1 ARE 553 (3)	Struct 2 ARE 563 (3)	Comp Elective (3) ••••	Comp Elective (3) ••••
			Mech of Mat Lab CE 534 (1)	Intro Struct Analy CE 537 (3)		Comp Elective (3) ••••	Engg Elective (3) ••••
+ An Geom & Calc I MATH 220 (4)	An Geom & Calc 2 MATH 221 (4)	An Geom & Calc 3 MATH 222 (4)	Elem Diff Equations MATH 340 (4)			Comp/Engg Elective (3) •••/••••	Engg Elective (3) •••
Pre-Professional Program			**Professional Program**				

NOTE: Courses in this block may be taken at any time as long as pre-requiste requirements are met.

++ Princ of Macroecon ECON 110 (3)					+ 2D Design ART 180 (3) ***or*** + 3D Design ART 200 (3) ***or*** + Drawing 1 ART 190 (3)			
Public Speaking 1A COMM 105 (2)		! Expository Writing 2 ENGL 200 (3)				Writt Comm Engineers ENGL 415 (3)	+ H/SS Elective (3) •	Total Hours
15 Hrs	15 Hrs	18 Hrs	17 Hrs	15 Hrs	17 Hrs	15 Hrs	16 Hrs	128

FLOWCHART KEY

Prerequisite or Concurrent

Prerequisite → Course Info

Required **Concurrency** ↔ Course Info

K-State 8 Tag +	ARE
Aesthetic Experience and Interpretive Understanding	ART Elect
Empirical and Quantitative Reasoning	MATH 220
Ethical Reasoning and Responsibility	ARE 460
Global Issues and Perspectives	ECON 110
Historical Perspectives	CNS 110
Human Diversity within the U.S.	H/SS Elect
Natural and Physical Sciences	CHM 210
Social Sciences	ECON 110

Fall 2015

• Humanities and Social Science (H/SS) Electives are to be selected from the official College of Engineering H/SS course list.
•• Science elective is to be selected from the current approved Department list.
••• Engineering electives are to be selected from the current approved Department list.
•••• Complementary Electives are to be selected from the current approved Department list.
! English 100, or equivalent, is required before students may enroll in English 200.