

ARCHITECTURAL ENGINEERING DEGREE PROGRAM REQUIREMENTS

Changes shown in **bold**

Total hours: **127**

FRESHMAN	ENGL 1113, Engl. Comp	3	ENGL 1213, Engl. Comp	3
	CHEM 1315, Chem I	5	MATH 2423, Calc II	3
	MATH 1823, Calc I	3	PHYS 2514, Phys I	4
	ARCH 1153 Studio I	3	ARCH 1133 Intro to Building Tech.	3
	<b>CEES 1112 Intro to CEES</b>	<b>2</b>	ARCH 1253 Studio II	3
	ENGR 1410 Freshman Orientation I	0	ENGR 1420 Freshman Orientation II	0
	<b>TOTAL CREDIT HOURS</b>	<b>16</b>	<b>TOTAL CREDIT HOURS</b>	<b>16</b>

SOPHOMORE	MATH 2433, Calc III	3	MATH 2443, Calc IV	3
	PHYS 2524, Phys II	4	MATH 3113, Eng. Math	3
	<b>HIST 1483/1493</b>	<b>3</b>	<b>ENGR 2003 - Engineering Practice I</b>	<b>3</b>
	ARCH 2243 Hist. Of Built Environment (Core IV)	3	CEES 2223 Fluid Mechanics	3
	CEES 2113 Statics & Dynamics	3	CEES 2153 Mechanics of Materials	3
	CEES 1000 Seminar	0	CEES 1000 Seminar	0
	<b>TOTAL CREDIT HOURS</b>	<b>16</b>	<b>TOTAL CREDIT HOURS</b>	<b>15</b>

JUNIOR	CEES 3414 Struct. Analysis	4	<b>ENGL 3153 Tech. Writing</b>	3
	ARCH 3433 Environmental Controls I	3	ARCH 4833 Environmental Controls II	3
	CEES 3364 Soil Mechanics	4	CEES 3403 Materials	3
	CEES 3253 Intro to Continuum Mechanics	3	CEES 3334 Measurements in CEES - Civil	4
	CEES 1000 Seminar	0	CEES 1000 Seminar	0
	<b>PSC 1113</b>	<b>3</b>	Core IV Art Forms	3
	<b>TOTAL CREDIT HOURS</b>	<b>17</b>	<b>TOTAL CREDIT HOURS</b>	<b>16</b>

SENIOR	<b>CEES 3663 Structural Design - Steel I</b>	3	CEES 3673 Structural Design - Concrete I	3
	<b>ENGR 2431 - Electrical Circuits, ENGR 2461 - Thermodynamics, ENGR 3401 - Engineering Economics</b>	<b>3</b>	Core IV Non-West Civ. - ANTH 4623 Approaches to Cross-Cultural Human Problems or approved substitute	3
	<b>GEOL 1114 Physical Geology (or other 4 hrs)</b>	<b>4</b>	Core III -Soc. Sci. elective	3
	CEES 4753 Structural Design - Wood	3	CEES 4333 Foundations	3
	CEES 4803 Prof. Pract. - Civil	3	CEES 4993 - Design of Structural & Env. Cont. Sys.	3
	CEES 1000 Seminar	0	CEES 1000 Seminar	0
	<b>TOTAL CREDIT HOURS</b>	<b>16</b>	<b>TOTAL CREDIT HOURS</b>	<b>15</b>

REMOVED		ADDED	
<b>ARCH 2343 Hist. Of Built Environment II</b>	<b>3</b>	CEES 4753 Structural Design - Wood	3
ARCH 2354 Studio III	4	CEES 4333 Foundations	3
ARCH 4754 Studio VII	4	<b>CEES 3663 Structural Design - Steel I</b>	<b>3</b>
<b>Professional Elective</b>	<b>6</b>	CEES 3673 Structural Design - Concrete I	3
CEES	3	CEES 4993 - Design of Structural & Env. Cont. Sys.	3
		<b>ENGR 2431 - Electrical Circuits, ENGR 2461 - Thermodynamics, ENGR 3401 - Engineering Economics</b>	<b>3</b>
<b>TOTAL HOURS REMOVED</b>	<b>20</b>	<b>TOTAL HOURS ADDED</b>	<b>18</b>

June 26, 2007