



## ARCHITECTURAL ENGINEERING CURRICULUM — 2018-2019

		FALL					SPRING		
<b>FRESHMAN YEAR</b>									
ARE	1000	VISTA Studio I	F only	1	ARE	1600	Arch Design Studio I		3
CHEM	1020	Gen Chemistry I (PN)		4	ES	2110	Statics		3
MATH	2200	Calculus I (Q)		4	GEOL		Geology 1100, 1500 or 1600		4
		USP C1 class		3	MATH	2205	Calculus II		4
		USP FYS class		3			USP C2 class		3
		USP V class		3					17
				18					
<b>SOPHOMORE YEAR</b>									
ARE	2000	VISTA Studio II	F only	3	ARE	2410	Fund of Bldg Performance	S only	3
ES	2120	Dynamics		3	ARE	2600	Arch Design Studio II	S only	3
ES	2410	Mech of Materials		3	ARE	3200	Structural Analysis I	S only	3
MATH	2210	Calculus III		4	ES	2310	Thermodynamics I		3
PHYS		Engr Physics I or II (PN)		4	ES	2330	Fluid Dynamics		3
				17					15
<b>JUNIOR YEAR</b>									
ARE	3210	CE Materials (C3)		3	ARE	3300	Bldg Electric/Plumb Sys	S only	3
ARE	3400	HVAC of Buildings	F only	3	ARE	4600	Arch Design Studio IV	S only	3
ARE	3600	Arch Design Studio III	F only	3	ARE		Option Elective <sup>(2)</sup>		3
ART	3030	Arch History (H)	F only	3	ARE		Option Elective <sup>(2)</sup>		3
STAT	2050	Fund of Statistics		4	MATH	2310	Applied Differential Eqns I		3
				16					15
<b>SENIOR YEAR</b>									
ARE	3000	VISTA Studio III	F only	3	ARE		Capstone Design <sup>(4)</sup>	S only	3
ARE		Option Elective <sup>(2)</sup>		3	ARE		Option Elective <sup>(2)</sup>		3
ARE		Option Elective <sup>(2)</sup>		3	ARE		Option Elective <sup>(2)</sup>		3
		Major Elective <sup>(3)</sup>		3			Major Elective <sup>(3)</sup>		3
		USP H class		3			Math/Science Elective <sup>(1)</sup>		3
				15					15
Total Hours:	128								
<p>(1) Math/Science Elective: To be selected from appropriate departmentally approved elective lists.</p> <p>(2) Option Electives (Structural): ARE 4200, 4250, 4260, 4280, 4290; CE 3600, 4610, 4620, 4630, 4970, 5010, 5020, 5200, 5220, 5240, 5260, 5270, 5280, 5600, 5620</p> <p>Option Electives (Mechanical): ARE 3360, 4330, 4390, 4430, 4490; ES 2210; ME 3040, 3170, 4460, 4470</p> <p>(3) Major Electives: Additional Option Elective (either option), AMST 4900, 5400, ARE 4040, 4050, 5700, CE 3300, 3400, 3500, 3600, 4820, 4970, 4965, 4975, ENR 4600, FCSC 5101</p> <p>(4) Capstone Design: ARE 4720 or 4740</p>									
<b>A minimum of 42 credit hours must be upper division (3000+) level.</b>									