



## CIVIL ENGINEERING CURRICULUM – 2018-2019

		FALL					SPRING		
<b>FRESHMAN YEAR</b>									
CE	1000	VISTA Studio I	F only	1	CE	1010	CE Tools		3
CHEM	1020	Gen Chemistry I (PN)		4	ES	2110	Statics		3
MATH	2200	Calculus I (Q)		4	MATH	2205	Calculus II		4
		USP C1 class		3			USP C2 class		3
		USP FYS class		3			Science Elective <sup>(1)</sup>		4
		USP V class		3					17
				18					
<b>SOPHOMORE YEAR</b>									
CE	2000	VISTA Studio II	F only	3	CE	3200	Struct Analysis I	S only	3
CE	2070	Engr Surveying		3	ES	2310	Thermodynamics I		3
ES	2120	Dynamics		3	ES	2330	Fluid Dynamics		3
ES	2410	Mech of Materials		3	MATH	2310	Applied Differential Eqns I		3
MATH	2210	Calculus III		4	PHYS		Engr Physics I or II (PN)		4
				16					16
<b>JUNIOR YEAR</b>									
CE	3000	VISTA Studio III	F only	3	CE	3300	Hydraulic Engineering	S only	3
CE	3210	CE Materials (C3)		3	CE	3500	Transportation Engr	S only	3
CE	3400	Intro Envir Engr	F only	3	CE	3600	Soil Mechanics I	S only	3
STAT	2050	Fund of Statistics		4			Structural Design PDE <sup>(3)</sup>		3
		USP H class		3			MSTP Elective <sup>(2)</sup>		3
				16					15
<b>SENIOR YEAR</b>									
		Math/Science Elective <sup>(2)</sup>		3	CE	4010	CE Design	S only	3
		Prof Develop Elective <sup>(3)</sup>		3	CE	4900	CE Capstone	S only	3
		Prof Develop Elective <sup>(3)</sup>		3			Prof Develop Elective <sup>(3)</sup>		3
		MSTP Elective <sup>(2)</sup>		3			Prof Develop Elective <sup>(3)</sup>		3
		USP H class		3			MSTP Elective <sup>(2)</sup>		3
				15					15
Total Hours:	128								
<p>(1) Science Elective: To be selected from appropriate departmentally approved elective lists.</p> <p>(2) MSTP Elective: To be selected from appropriate departmentally approved elective lists. At least 2 hours must be Math or Science so that the total hours of Math + Science is at least 32.</p> <p>(3) Professional Development Electives. One must be Structural Design. Others must cover at least 3 of the following areas: Environmental, Geotechnical, Transportation, Water Resources</p>									
<b>A minimum of 42 credit hours must be upper division (3000+) level.</b>									