

# Example of a 4-Year Plan for MEE-BS Degree



Year	Fall	Hours	Spring	Hours
<b>Freshman</b>	MATH 1710 Calculus I	4	MATH 1720 Calculus II	3
	CHEM 1415/1435 General Chemistry/Lab	4	PHYS 1710/1730 Mechanics/Lab	4
	MEEN 1000 Discover MEE	3	ENGR 1304 Engineering Graphics	3
	ENGL 1310 College Writing I*	3	TECM 2700 Technical Writing*	3
	HIST 2610 United States History to 1865*	3	Visual and Performing Arts*	3
		<b>Total:</b>	<b>17</b>	
<b>Sophomore</b>	MATH 2700 Linear Alg/Vector Geometry	3	MATH 2730 Multivariable Calculus	3
	MATH 3410 Differential Equations I	3	MEEN 2110 Engineering Data Analysis	2
	MEEN 2240 Programming	3	MEEN 2210 Thermodynamics I	3
	PHYS 2220/2240 Electric/Lab	4	MEEN 2302 Mechanics II	3
	MEEN 2301 Mechanics I	3	MEEN 2332 Mechanics III	3
		<b>Total:</b>	<b>16</b>	
<b>Junior</b>	MEEN 3120 Fluid Mechanics	3	MEEN 3230 System Dynamics and Control	3
	MEEN 3250 Analytical Methods	3	MEEN 3242 MEE Lab II	1
	MEEN 3240 MEE Lab I	2	EENG 2610 Circuit Analysis	3
	MEEN 3110 Thermodynamics II	3	MEEN 3100 Manufacturing Process	3
	ENGR 3450/3451 Materials/Lab	4	MEEN 3130 Machine Elements	3
	PSCI 1040 American Government*	3	MEEN 3210 Heat Transer	3
	<b>Total:</b>	<b>18</b>		<b>Total:</b>
<b>Senior</b>	MEEN 4150 MEE Systems Design I	3	MEEN 4250 MEE Design II (Capstone)	3
	MEEN Energy Elective	3	MEEN Energy Elective	3
	MEEN Technical Elective	3	MEEN Technical Elective	3
	PSCI 1050 American Government*	3	Humanities Course*	3
	HIST 2620 U.S. History Since 1865*	3	Social & Behavioral Sciences Course*	3
		<b>Total:</b>	<b>15</b>	

\* UNT Core Courses