

**MEE Curriculum****Degree Plan****Freshman Year*****Fall***

MEEN1110	1	MEE Practice I
CSCE1020	4	Intro To Computer Programming
MATH 1710	4	Calculus I
CHEM1415/1435	4	Chemistry for Engineers + Lab
UNT Core	3	English Composition (ENGL1313 Suggested)
<b>Total</b>	<b>16</b>	

**Freshman Year*****Spring***

MEEN1210	1	MEE Practice II
MATH1720	3	Calculus II
PHYS1710/1730	4	Mechanics + Lab
ENGL 2700	3	Technical Writing
UNT Core	3	Visual Arts (ART1300 Suggested)
UNT Core	3	History (HIST2610 or HIST2675)
<b>Total</b>	<b>17</b>	

**Sophomore Year*****Fall***

MATH2700	3	Linear Algebra
MATH3310	3	Differential Equations for Engineers
PHYS2220/2240	4	Electricity & Magnetism + Lab
MEEN 2130	4	Statics and Dynamics
ENGR 2060	3	Professional Presentations
<b>Total</b>	<b>17</b>	

**Sophomore Year*****Spring***

MATH2730	3	Multivariable Calculus
MEEN2250	3	Computer Aided Engineering
ENGR2332	4	Mechanics of Materials
MEEN2210	3	Thermodynamics I
UNT Core	3	History (HIST2620 or HIST2685)
<b>Total</b>	<b>16</b>	

**Junior Year*****Fall***

MEEN3240	2	MEE Lab I
EENG2610	3	Circuits
MFET3450	3	Materials
MFET3451	1	Materials Lab
MEEN3120	3	Fluids
MEEN3110	3	Thermodynamics II

<b>Total</b>	<b>15</b>	
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**Junior Year*****Spring***

MEEN3242	2	MEE Lab II
MEEN3130	3	Machine Elements
MEEN3230	3	Dynamics, Vibrations, and Control
MEEN3125	2	Thermal Fluid Projects
MEEN3210	3	Heat Transfer
UNT Core	3	Humanities (PHIL2500 suggested)

<b>Total</b>	<b>16</b>	
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**Senior Year*****Fall***

MEEN4150	3	Design I
MEEN411X	3	MEE Energy Technical Elective
MEEN4XXX	3	Advanced Technical Elective
		Understanding the Human Community
UNT Core	3	(SMHM4750 Suggested)
UNT Core	3	Political Science (PSCI1040 or PSCI1041)

<b>Total</b>	<b>15</b>	
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**Senior Year*****Spring***

MEEN4250	3	Design II (Capstone Design Project)
MEEN4XXX	3	Advanced Technical Elective
MEEN411X	3	MEE Energy Technical Elective
UNT Core	3	Social Science (GEOG 1170 suggested)
UNT Core	3	Political Science (PSCI 1050 or PSCI 1051)

<b>Total</b>	<b>15</b>	
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<b>Total Credit-Hours</b>	<b>127</b>
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