

# Mechanical Engineering, BS

## Graduation Plan - 4 years

### 1st Year

Fall Semester	Hours Spring Semester	Hours
CHEM 1210 & CHEM 1215	5 MATH 1220	4
MATH 1210	4 MECH 1200 & MECH 1205	4
MECH 1000 & MECH 1005	3 MECH 2160	3
MECH 1100	3 PHYS 2210 & PHYS 2215	5
	<b>15</b>	<b>16</b>

### 2nd Year

Fall Semester	Hours Spring Semester	Hours
MATH 2210	4 MATH 2250	4
MECH 2210 & MECH 2215	4 MECH 2030	3
MECH 1150	2 MECH 2250 & MECH 2255	4
MECH 2010	3 MECH 3600 & MECH 3605	4.5
PHYS 2220 & PHYS 2225	5	
	<b>18</b>	<b>15.5</b>

### 3rd Year

Fall Semester	Hours Spring Semester	Hours
MATH 3500	3 ENGL 2010	3
MECH 3200 & MECH 3205	3.5 General Education (Fine Arts) ( <a href="https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext">https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext</a> )	3
MECH 3300 & MECH 3305	3.5 MECH 3250 & MECH 3255	4
MECH 3700 & MECH 3705	4.5 MECH 3650 & MECH 3655	3.5
	Tech Elective 1	3
	<b>14.5</b>	<b>16.5</b>

### 4th Year

Fall Semester	Hours Spring Semester	Hours
ENGL 3010	3 General Education (Literature/ Humanities) ( <a href="https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext">https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext</a> )	3
General Education (Social & Behavioral Sciences) ( <a href="https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext">https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext</a> )	3 General Education (Life Sciences) ( <a href="https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext">https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext</a> )	3

MECH 4000	3 General Education (American Institutions) ( <a href="https://catalog.utahtech.edu/programs/generaleducation/#gerequisitestext">https://catalog.utahtech.edu/programs/generaleducation/#gerequisitestext</a> )	3
Tech Elective 2	3 MECH 4010	3
Tech Elective 3	3 Tech Elective 4	3
FE Exam		
	<b>15</b>	<b>15</b>

**Total Hours 125.5**

## Graduation Plan - 5 years (MATH 1010)

### 1st Year

Fall Semester	Hours Spring Semester	Hours
MATH 1010	4 MECH 1200 & MECH 1205	4
MECH 1000 & MECH 1005	3 ENGL 2010	3
MECH 1100	3 MATH 1080	5
ENGL 1010	3	
General Education (Life Science) ( <a href="https://catalog.utahtech.edu/programs/generaleducation/#gerequisitestext">https://catalog.utahtech.edu/programs/generaleducation/#gerequisitestext</a> )	3	
	<b>16</b>	<b>12</b>

### 2nd Year

Fall Semester	Hours Spring Semester	Hours
MECH 1150	2 MECH 2160	3
CHEM 1210 & CHEM 1215	5 PHYS 2210 & PHYS 2215	5
MATH 1210	4 MATH 1220	4
General Education (American Institutions) ( <a href="https://catalog.utahtech.edu/programs/generaleducation/#gerequisitestext">https://catalog.utahtech.edu/programs/generaleducation/#gerequisitestext</a> )	3	
	<b>14</b>	<b>12</b>

### 3rd Year

Fall Semester	Hours Spring Semester	Hours
MECH 2210 & MECH 2215	4 MECH 2250 & MECH 2255	4
MECH 2010	3 MECH 3600 & MECH 3605	4.5
PHYS 2220 & PHYS 2225	5 MECH 2030	3
MATH 2210	4 MATH 2250	4
	<b>16</b>	<b>15.5</b>

### 4th Year

Fall Semester	Hours Spring Semester	Hours
MECH 3200 & MECH 3205	3.5 MECH 3250 & MECH 3255	4
MECH 3700 & MECH 3705	4.5 MECH 3650 & MECH 3655	3.5

MECH 3300 & MECH 3305	3.5 General Education (Fine Arts) ( <a href="https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext">https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext</a> )	3
MATH 3500	3 General Education (Social & Behavioral Science) ( <a href="https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext">https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext</a> )	3
<b>14.5</b>		<b>13.5</b>
<b>5th Year</b>		
<b>Fall Semester</b>	<b>Hours Spring Semester</b>	<b>Hours</b>
MECH 4000	3 MECH 4010	3
Tech Elective 1	3 Tech Elective 3	3
Tech Elective 2	3 Tech Elective 4	3
FE Exam	General Education (Lit & Humanities) ( <a href="https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext">https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext</a> )	3
ENGL 3010	3	
<b>12</b>		<b>12</b>

**Total Hours 137.5**

## Graduation Plan - 5 years (MATH 1050)

<b>1st Year</b>		
<b>Fall Semester</b>	<b>Hours Spring Semester</b>	<b>Hours</b>
MATH 1050	4 MECH 1200 & MECH 1205	4
MECH 1000 & MECH 1005	3 ENGL 2010	3
MECH 1100	3 MATH 1060	3
ENGL 1010	3 CHEM 1210 & CHEM 1215	5
<b>13</b>		<b>15</b>
<b>2nd Year</b>		
<b>Fall Semester</b>	<b>Hours Spring Semester</b>	<b>Hours</b>
MECH 1150	2 MECH 2160	3
MATH 1210	4 PHYS 2210 & PHYS 2215	5
General Education (American Institutions) ( <a href="https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext">https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext</a> )	3 MATH 1220	4
General Education (Life Science) ( <a href="https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext">https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext</a> )	3	
<b>12</b>		<b>12</b>
<b>3rd Year</b>		
<b>Fall Semester</b>	<b>Hours Spring Semester</b>	<b>Hours</b>
MECH 2210 & MECH 2215	4 MECH 2250 & MECH 2255	4

MECH 2010	3 MECH 3600 & MECH 3605	4.5
PHYS 2220 & PHYS 2225	5 MECH 2030	3
MATH 2210	4 MATH 2250	4
	<b>16</b>	<b>15.5</b>
<b>4th Year</b>		
<b>Fall Semester</b>	<b>Hours Spring Semester</b>	<b>Hours</b>
MECH 3200 & MECH 3205	3.5 MECH 3250 & MECH 3255	4
MECH 3700 & MECH 3705	4.5 MECH 3650 & MECH 3655	3.5
MECH 3300 & MECH 3305	3.5 General Education (Fine Arts) ( <a href="https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext">https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext</a> )	3
MATH 3500	3 General Education (Social & Behavioral Science) ( <a href="https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext">https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext</a> )	3
	<b>14.5</b>	<b>13.5</b>
<b>5th Year</b>		
<b>Fall Semester</b>	<b>Hours Spring Semester</b>	<b>Hours</b>
MECH 4000	3 MECH 4010	3
Tech Elective 1	3 Tech Elective 3	3
Tech Elective 2	3 Tech Elective 4	3
FE Exam	General Education (Lit & Humanities) ( <a href="https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext">https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext</a> )	3
ENGL 3010	3	
	<b>12</b>	<b>12</b>
<b>Total Hours 135.5</b>		