

# Mechatronics Engineering Academic Map

## Department of Engineering Technology

### Middle Tennessee State University • Murfreesboro



An academic map is a suggested four-year schedule of courses based on degree requirements in the undergraduate catalog. This sample schedule serves as a general guideline to help build a full schedule each term. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep you on track to graduate in four years. **Missing milestones could delay your program.**

**This map is not a substitute for academic advisement—contact your advisor if you have any questions about scheduling or about your degree requirements.** Also see the current undergraduate catalog ([catalog.mtsu.edu](http://catalog.mtsu.edu)) for a complete list of requirements and electives. *Note: Requirements are continually under revision, and there is no guarantee they will not be changed or revoked; contact the department and/or program area for current information.*

**You may choose to attend a summer term to reduce your load during fall or spring terms but still stay on track to graduate in four years (see back). NOTE: Learning Support courses will alter the sequences on this map.**

## Suggested Fall/Spring Four-Year Schedule

FRESHMAN FALL			FRESHMAN SPRING		
Course	Hours	Milestones/Notes	Course	Hours	Milestones/Notes
ENGR 1100	3		ENGR 2100	3	
MATH 1910 (Math)	4	Take MATH 1730 first if weak background in Math. May take MATH 1910 with acceptable Math ACT score (26).	MATH 1920	4	
CHEM 1110/1111 (Nat Sci)	4		ENGL 1020 (Comm)	3	
ENGL 1010 (Comm)	3		ENGR 1210	3	
Hum/FA (Rubric 1)	3		CSCI 1170	4	
<b>SUBTOTAL</b>	<b>17</b>		<b>SUBTOTAL</b>	<b>17</b>	
SOPHOMORE FALL			SOPHOMORE SPRING		
ENGR 2110	3		ENGR 2120	3	
PHYS 2110/2111 (Nat Sci)	4		ENGR 2130	3	
MATH 3110	4		MATH 3120	3	
HIST 2010, HIST 2020, or HIST 2030	3		ENGL 3620	3	
Soc/Beh Sci (Rubric 1)	3		PHYS 2120/2121	4	
<b>SUBTOTAL</b>	<b>17</b>		<b>SUBTOTAL</b>	<b>16</b>	
JUNIOR FALL			JUNIOR SPRING		
ENGR 3510	3		ENGR 3520	3	
ENGR 3560	3		ENGR 3570	3	
ENGR 3550	3		ENGR 3590	3	
ENGR 3915	3		ENGR 3920	3	
ENGR 3970	3		ENGR 3930	3	
COMM 2200 (Comm)	3				
<b>SUBTOTAL</b>	<b>18</b>		<b>SUBTOTAL</b>	<b>15</b>	
SENIOR FALL			SENIOR SPRING		
ENGR 4500	1		ENGR 4530	3	
ENGR 4510	3		ENGR 4590	3	
ENGR 4520	3		ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)	3	
ENGR 4580	3		HIST 2010, HIST 2020, or HIST 2030	3	
Soc/Beh Sci (Rubric 2)	3		Hum/FA (Rubric 2)	3	
<b>SUBTOTAL</b>	<b>13</b>		<b>SUBTOTAL</b>	<b>15</b>	
<b>TOTAL HOURS IN PROGRAM: 128</b>					

# Suggested Summer/Fall/Spring Four-Year Schedule

Refer to [www.mtsu.edu/scholarships/](http://www.mtsu.edu/scholarships/) for information regarding use of the Lottery Scholarship for the summer term.

FRESHMAN SUMMER					
Course	Hours	Milestones/Notes	Course	Hours	Milestones/Notes
Soc/Beh Sci (Rubric 1)	3		ENGL 1010 (Comm)	3	
<b>SUBTOTAL</b>	<b>3</b>		<b>SUBTOTAL</b>	<b>3</b>	
FRESHMAN FALL			FRESHMAN SPRING		
ENGR 1100	3		ENGR 2100	3	
MATH 1910 (Math)	4	Take MATH 1730 first if weak background in Math. May take MATH 1910 with acceptable Math ACT score (26).	MATH 1920	4	
CHEM 1110/1111 (Nat Sci)	4		CSCI 1170	4	
ENGL 1020 (Comm)	3		ENGR 1210	3	
<b>SUBTOTAL</b>	<b>14</b>		<b>SUBTOTAL</b>	<b>14</b>	
SOPHOMORE SUMMER					
Hum/FA (Rubric 1)	3		Soc/Beh Sci (Rubric 2)	3	
<b>SUBTOTAL</b>	<b>3</b>		<b>SUBTOTAL</b>	<b>3</b>	
SOPHOMORE FALL			SOPHOMORE SPRING		
ENGR 2110	3		ENGR 2120	3	
PHYS 2110/2111 (Nat Sci)	4		ENGR 2130	3	
MATH 3110	4		MATH 3120	3	
ENGL 3620	3		PHYS 2120/2121	4	
<b>SUBTOTAL</b>	<b>14</b>		<b>SUBTOTAL</b>	<b>13</b>	
JUNIOR SUMMER					
COMM 2200 (Comm)	3		HIST 2010, HIST 2020, or HIST 2030	3	
<b>SUBTOTAL</b>	<b>3</b>		<b>SUBTOTAL</b>	<b>3</b>	
JUNIOR FALL			JUNIOR SPRING		
ENGR 3510	3		ENGR 3520	3	
ENGR 3560	3		ENGR 3570	3	
ENGR 3550	3		ENGR 3590	3	
ENGR 3915	3		ENGR 3920	3	
ENGR 3970	3		ENGR 3930	3	
<b>SUBTOTAL</b>	<b>15</b>		<b>SUBTOTAL</b>	<b>15</b>	
SENIOR FALL			SENIOR SPRING		
ENGR 4500	1		ENGR 4530	3	
ENGR 4510	3		ENGR 4590	3	
ENGR 4520	3		ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)	3	
ENGR 4580	3		HIST 2010, HIST 2020, or HIST 2030	3	
Hum/FA (Rubric 2)	3				
<b>SUBTOTAL</b>	<b>13</b>		<b>SUBTOTAL</b>	<b>12</b>	
TOTAL HOURS IN PROGRAM: 128					

Graduation information may be accessed at [www.mtsu.edu/records/grad.php](http://www.mtsu.edu/records/grad.php).