

# 2017–18 Fermentation Science Academic Map

School of Agribusiness and Agriscience

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
ENGL 1010 (Comm)	3		ENGL 1020 (Comm)	3	Prereq: ENGL 1010 with C- or higher
Natural Sciences	4	CHEM 1110/1111 rec.	CHEM 1120/1121	4	Prereq: CHEM 1110/1111
FERM 1000	3		Soc/Beh Sci (Rubric 1)	3	
MATH (Math)	3	MATH 1730 rec.	HIST 2010, HIST 2020, or HIST 2030	3	
<b>SUBTOTAL</b>	<b>13</b>		Soc/Beh Sci (Rubric 2)	3	
SOPHOMORE FALL			SOPHOMORE SPRING		
ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)	3	Prereq: ENGL 1010 and ENGL 1020	COMM 2200 (Comm)	3	
HIST 2010, HIST 2020, or HIST 2030	3		FERM specialized course	3	
Hum/FA (Rubric 1)	3		Hum/FA (Rubric 2)	3	
Natural Sciences	4	BIOLOGY 1110/1111 rec.	BIOLOGY 1120/1121	4	Prereq: BIOLOGY 1110/1111
FERM 3700	3	Prereq: FERM 1000	CHEM 2030/2031	4	Prereq: CHEM 1120/1121
<b>SUBTOTAL</b>	<b>16</b>		<b>SUBTOTAL</b>	<b>17</b>	
JUNIOR FALL			JUNIOR SPRING		
Business foundations course	3	Consult with advisor	Business foundations course	3	Consult with advisor
FERM specialized course	3	Consult with advisor	FERM specialized course	2	Consult with advisor
CHEM 3530/3531	4	Prereq: CHEM 2030/2031 or 3020/3021	FERM specialized course	2	Consult with advisor
BIOLOGY 2230/2231	4	Prereq: BIOLOGY 1110/1111	BIOLOGY 4510/4511	4	Prereq: BIOLOGY 2230/2231
FERM specialized course	2	Consult with advisor	Business foundations course	3	
<b>SUBTOTAL</b>	<b>16</b>		<b>SUBTOTAL</b>	<b>14</b>	
SENIOR FALL			SENIOR SPRING		
Business foundations course	3	Consult with advisor	Elective	3	
FERM specialized course	3		FERM specialized course	3	Consult with advisor
FERM research experience	3	Completion of at least 15 hours FERM specialized courses	FERM internship experience	3	Completion of at least 15 hours FERM specialized courses
FERM specialized course	3	Consult with advisor	Elective	4	Consult with advisor
Elective	3		<b>SUBTOTAL</b>	<b>13</b>	
<b>SUBTOTAL</b>	<b>15</b>				
<b>TOTAL HOURS IN PROGRAM: 120</b>					

# Fermentation Science Suggested Fall/Spring/Summer Four-Year Schedule

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

FRESHMAN FALL			FRESHMAN SPRING		
Course	Hours	Milestones/Notes	Course	Hours	Milestones/Notes
ENGL 1010 (Comm)	3		ENGL 1020 (Comm)	3	Prereq: ENGL 1010 with C- or higher
Natural Sciences	4	CHEM 1110/1111 rec.	CHEM 1120/1121	4	Prereq: CHEM 1110/1111
FERM 1000	3		Soc/Beh Sci (Rubric 1)	3	
MATH (Math)	3	MATH 1730 rec.	HIST 2010, HIST 2020, or HIST 2030	3	
<b>SUBTOTAL</b>	<b>13</b>		<b>SUBTOTAL</b>	<b>13</b>	
FRESHMAN 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		
ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)	3	Prereq: ENGL 1010 and ENGL 1020	COMM 2200 (Comm)	3	
HIST 2010, HIST 2020, or HIST 2030	3		FERM specialized course	3	
Natural Sciences	4	BIOL 1110/1111 rec.	BIOL 1120/1121	4	Prereq: BIOL 1110/1111
FERM 3700	3	Prereq: FERM 1000	CHEM 2030/2031	4	Prereq: CHEM 1120/1121
<b>SUBTOTAL</b>	<b>13</b>		<b>SUBTOTAL</b>	<b>14</b>	
SOPHOMORE SUMMER					
Business foundations course	3	Consult with advisor	Hum/FA (Rubric 2)	3	
<b>SUBTOTAL</b>	<b>3</b>		<b>SUBTOTAL</b>	<b>3</b>	
JUNIOR FALL			JUNIOR SPRING		
FERM specialized course	3	Consult with advisor	Business foundations course	3	Consult with advisor
CHEM 3530/3531	4	Prereq: CHEM 2030/2031 or 3020/3021	FERM specialized course	2	Consult with advisor
BIOL 2230/2231	4	Prereq: BIOL 1110/1111	FERM specialized course	2	Consult with advisor
FERM specialized course	2	Consult with advisor	BIOL 4510/4511	4	Prereq: BIOL 2230/2231
			Business foundations course	3	
<b>SUBTOTAL</b>	<b>13</b>		<b>SUBTOTAL</b>	<b>14</b>	
SENIOR FALL			SENIOR SPRING		
Business foundations course	3	Consult with advisor	Elective	3	
FERM specialized course	3		FERM specialized course	3	Consult with advisor
FERM research experience	3	Completion of at least 15 hours FERM specialized courses	FERM internship experience	3	Completion of at least 15 hours FERM specialized courses
FERM specialized course	3	Consult with advisor	Elective	4	Consult with advisor
Elective	3				
<b>SUBTOTAL</b>	<b>15</b>		<b>SUBTOTAL</b>	<b>13</b>	
TOTAL HOURS IN PROGRAM: 120					