

# 2026–27 Biology–6-12 Teacher Licensure Academic Map

## Department of Biology

### 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.*

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about the  
True Blue Core (TBC).

## Suggested Fall/Spring Four-Year Schedule

FRESHMAN FALL			FRESHMAN SPRING		
Course	Hours	Milestones/Notes	Course	Hours	Milestones/Notes
BIOL 1110/1111	4	TBC; Major	BIOL 1120/1121	4	Preq: BIOL 1110/1111
CHEM 1110/1111	4	TBC; Major	CHEM 1120/1121	4	Preq: CHEM 1110/1111
MATH 1910	4	TBC; Major; Prereq: MATH 1730 with a minimum grade of C or Math ACT score of 25	Information Literacy	3	TBC
MSE 1010	1		MSE 2010	1	
Written Communication	3	TBC	Creativity and Cultural Expression	3	TBC; one must come from Discovery
BIOL 1000	1				
<b>SUBTOTAL</b>	<b>17</b>		<b>SUBTOTAL</b>	<b>15</b>	
SOPHOMORE FALL			SOPHOMORE SPRING		
YOED 3520	3	Preq: MSE 1010, MSE 2010	YOED 3550	3	Preq: YOED 3520
BIOL 3250/3251	4	Preq: BIOL 1120/1121	BIOL 2230/2231	4	Preq: BIOL 1110/1111
Creativity and Cultural Expression	3	TBC; one must come from Discovery	Creativity and Cultural Expression Literature	3	TBC
History and Civic Learning	3	TBC; one must come from Discovery	History and Civic Learning	3	TBC; one must come from Discovery
CHEM 2030/2031 or CHEM 3010/3011	4		BIOL 3060/3061	3	Preq: BIOL 1110/1111
<b>SUBTOTAL</b>	<b>17</b>		<b>SUBTOTAL</b>	<b>16</b>	
JUNIOR FALL			JUNIOR SPRING		
BIOL 3400/3401	4	Preq: BIOL 1120/1121	UD BIOL elective	1–2	BIOL coursework must total 42 hours
MSE 3330	3	Preq: YOED 3520	BIOL 4110/4111 or BIOL 4210/4211 or BIOL 4500	4	Preq: see course descriptions
BIOL 4350/4351 or MATH 1920 or MATH 2050	3–4		BIOL 4080/4081 or BIOL 4090 or BIOL 4420	4	Consult with advisor
BIOL 3020/3021 or BIOL 4180/4181	4	Consult with advisor	Non-Written Communication	3	TBC
			Human Society and Social Relationships	3	TBC; one must come from Discovery
<b>SUBTOTAL</b>	<b>14–15</b>		<b>SUBTOTAL</b>	<b>15–16</b>	
SENIOR FALL			SENIOR SPRING		
Human Society and Social Relationships	3	TBC; one must come from Discovery	YOED 4400	12	
YOED 4050	3	Admission to MTeach Program			
YOED 4040	4	Preq: YOED 3520, YOED 3550			
BIOL 3040 or BIOL 3050/3051 or BIOL 4140	3–4	Consult with advisor			
BIOL 4200	1	Prereq: BIOL 2230, 3250, and 3400			
<b>SUBTOTAL</b>	<b>14-15</b>		<b>SUBTOTAL</b>	<b>12</b>	
<b>TOTAL HOURS IN PROGRAM: 121-133 (depending on courses taken in TBC)</b>					

# Biology–6-12 Teacher Licensure

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

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. 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.

**NOTE:** Learning Support courses will alter the sequences on this map.

FRESHMAN FALL			FRESHMAN SPRING		
Course	Hours	Milestones/Notes	Course	Hours	Milestones/Notes
BIOL 1110/1111	4	TBC; Major	BIOL 1120/1121	4	Preq: BIOL 1110/1111
CHEM 1110/1111	4	TBC; Major	CHEM 1120/1121	4	Preq: CHEM 1110/1111
Written Communication	3	TBC	Information Literacy	3	TBC
MSE 1010	1		MSE 2010	1	
BIOL 1000	1				
<b>SUBTOTAL</b>	<b>13</b>		<b>SUBTOTAL</b>	<b>12</b>	
FRESHMAN SUMMER					
MATH 1910	4	TBC; Major; Prereq: MATH 1730 with a minimum grade of C or Math ACT score of 25	Creativity and Cultural Expression	3	TBC; one must come from Discovery
<b>SUBTOTAL</b>	<b>4</b>		<b>SUBTOTAL</b>	<b>3</b>	
SOPHOMORE FALL			SOPHOMORE SPRING		
YOED 3520	3	Preq: MSE 1010, MSE 2010	YOED 3550	3	Preq: YOED 3520
BIOL 3250/3251	4	Preq: BIOL 1120/1121	BIOL 2230/2231	4	Preq: BIOL 1110/1111
History and Civic Learning	3	TBC; one must come from Discovery	Creativity and Cultural Expression Literature	3	TBC
CHEM 2030/2031 or CHEM 3010/3011	4	Preq: CHEM 1120/1121	BIOL 3060/3061	3	Preq: BIOL 1110/1111
<b>SUBTOTAL</b>	<b>14</b>		<b>SUBTOTAL</b>	<b>13</b>	
SOPHOMORE SUMMER					
Creativity and Cultural Expression	3	TBC; one must come from Discovery	History and Civic Learning	3	TBC; one must come from Discovery
<b>SUBTOTAL</b>	<b>3</b>		<b>SUBTOTAL</b>	<b>3</b>	
JUNIOR FALL			JUNIOR SPRING		
BIOL 3400/3401	4	Preq: BIOL 1120/1121	UD BIOL elective	1–2	BIOL coursework must total 42 hours
MSE 3330	3	Preq: YOED 3520	BIOL 4110/4111 or BIOL 4210/4211 or BIOL 4500	4	Preq: see course descriptions
BIOL 4350/4351 or MATH 1920 or MATH 2050	3–4	Preq: see course descriptions	BIOL 4080/4081 or BIOL 4090 or BIOL 4420	4	Consult with advisor
BIOL 3020/3021 or BIOL 4180/4181	4	Consult with advisor	Non-Written Communication	3	TBC
<b>SUBTOTAL</b>	<b>14–15</b>		<b>SUBTOTAL</b>	<b>12–13</b>	
JUNIOR SUMMER					
Human Society and Social Relationships	3	TBC; one must come from Discovery	Human Society and Social Relationships	3	TBC; one must come from Discovery
<b>SUBTOTAL</b>	<b>3</b>		<b>SUBTOTAL</b>	<b>3</b>	
SENIOR FALL			SENIOR SPRING		
BIOL 4200	1	Prereq: BIOL 2230, 3250, and 3400	YOED 4400	12	
YOED 4050	3	Admission to MTeach Program			
YOED 4040	4	Preq: YOED 3520, YOED 3550			
BIOL 3040 or BIOL 3050/3051 or BIOL 4140	3–4	Consult with advisor			
<b>SUBTOTAL</b>	<b>11–12</b>		<b>SUBTOTAL</b>	<b>12</b>	
<b>TOTAL HOURS IN PROGRAM: 121–133 (depending on courses taken in TBC)</b>					