

# 2024–25 Science–Allied Health Science Academic Map

Department of Chemistry

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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Scan the QR code or [click here](#) for more information about the new True Blue Core (TBC).

## Suggested Fall/Spring Four-Year Schedule

FRESHMAN FALL			FRESHMAN SPRING		
Course	Hours	Milestones/Notes	Course	Hours	Milestones/Notes
CHEM 1110/CHEM 1111	4	TBC; Major; Prereq: High school chemistry and MATH 1710 with grade of C (2.0) or better or MATH ACT score of 19 or higher or CHEM 1010 with grade of C (2.0) or better	CHEM 1120/CHEM 1121	4	
BIOL 1110/BIOL 1111	4	TBC; Major	BIOL 1120/BIOL 1121	4	
MATH 1730	4	TBC; Major	Human Society and Social Relationships or MATH 1910	3	TBC; PSY 1410 rec.
Written Communication	3	TBC; Students are required to see advisor.	Information Literacy	3	TBC; Students are required to see advisor.
<b>SUBTOTAL</b>	<b>15</b>		<b>SUBTOTAL</b>	<b>14-15</b>	
SOPHOMORE FALL			SOPHOMORE SPRING		
PHYS 2010/2011	4		Non-Written Communication	3	TBC
BIOL 3250/BIOL 3251	4		BIOL 2230/BIOL 2231	4	
CHEM 3010/CHEM 3011	4	Prereq: CHEM 1120 with C- or better	CHEM 3020/CHEM 3021	4	Prereq: CHEM 3010/3011 or equiv. with C- or better
Creativity and Cultural Expression Literature	3	TBC	Creativity and Cultural Expression	3	TBC; one must come from Discovery
BIOL 2000/2001 or pre-professional approved elective	2-3	Students are encouraged to see advisor	History and Civic Learning	3	TBC; Students are encouraged to see advisor.
<b>SUBTOTAL</b>	<b>17-18</b>		<b>SUBTOTAL</b>	<b>17</b>	
JUNIOR FALL			JUNIOR SPRING		
CHEM 3530/CHEM 3531 or CHEM 4500	3-4		BIOL 4300/BIOL 4301	4	
BIOL 4110/BIOL 4111 or BIOL 2010/2011	4		BIOL 3340 or BIOL 2020/2021	3-4	
MATH 1530	3		Creativity and Cultural Expression	3	TBC; one must come from Discovery
History and Civic Learning	3	TBC; one must come from Discovery	CHEM 4510 or pre-professional approved elective	3	Students are encouraged to see advisor.
Human Society and Social Relationships or pre-professional electives	3	TBC	Human Society and Social Relationships	0-3	TBC; if necessary
<b>SUBTOTAL</b>	<b>16-17</b>		<b>SUBTOTAL</b>	<b>13-16</b>	
SENIOR FALL			SENIOR SPRING		
3+1 students will earn the B.S. degree after completion of their professional program. Four-year students will need to complete an appropriate number of upper-division and elective credit to earn degree. See advisor for details.					
<b>TOTAL HOURS IN PROGRAM: 120</b>					

# Science—Allied Health Science

## Suggested Fall/Spring/Summer 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
CHEM 1110/CHEM 1111	4	TBC; Major; Prereq: High school chemistry and MATH 1710 with grade of C (2.0) or better or MATH ACT score of 19 or higher or CHEM 1010 with grade of C (2.0) or better	CHEM 1120/CHEM 1121	4	
BIOL 1110/BIOL 1111	4	TBC; Major	BIOL 1120/BIOL 1121	4	
MATH 1730	4	TBC; Major	Human Society and Social Relationships or MATH 1910	3	TBC; PSY 1410 rec.
Written Communication	3	TBC; Students are required to see advisor.	Information Literacy	3	TBC; Students are required to see advisor.
<b>SUBTOTAL</b>	<b>15</b>		<b>SUBTOTAL</b>	<b>14-15</b>	
FRESHMAN SUMMER					
Creativity and Cultural Expression	3	TBC; one must come from Discovery	Creativity and Cultural Expression Literature	3	TBC
<b>SUBTOTAL</b>	<b>3</b>		<b>SUBTOTAL</b>	<b>3</b>	
SOPHOMORE FALL			SOPHOMORE SPRING		
PHYS 2010/2011	4		Non-Written Communication	3	TBC
BIOL 3250/BIOL 3251	4		BIOL 2230/BIOL 2231	4	
CHEM 3010/CHEM 3011	4	Prereq: CHEM 1120 with C- or better	CHEM 3020/CHEM 3021	4	Prereq: CHEM 3010/3011 or equiv. with C- or better
BIOL 2000/2001 or pre-professional approved elective	2-3	Students are encouraged to see advisor	History and Civic Learning	3	TBC; Students are encouraged to see advisor.
<b>SUBTOTAL</b>	<b>14-15</b>		<b>SUBTOTAL</b>	<b>14</b>	
JUNIOR FALL			JUNIOR SPRING		
CHEM 3530/CHEM 3531 or CHEM 4500	3-4		BIOL 4300/BIOL 4301	4	
BIOL 4110/BIOL 4111 or BIOL 2010/2011	4		BIOL 3340 or BIOL 2020/2021	3-4	
MATH 1530	3		Creativity and Cultural Expression	3	TBC; one must come from Discovery
History and Civic Learning	3	TBC; one must come from Discovery	CHEM 4510 or pre-professional approved elective	3	Students are encouraged to see advisor.
Human Society and Social Relationships or pre-professional elective	3	TBC	Human Society and Social Relationships	0-3	TBC; if necessary
<b>SUBTOTAL</b>	<b>16-17</b>		<b>SUBTOTAL</b>	<b>13-16</b>	
SENIOR FALL			SENIOR SPRING		
3+1 students will earn the B.S. degree after completion of their professional program. Four-year students will need to complete an appropriate number of upper-division and elective credit to earn degree. See advisor for details.					
<b>TOTAL HOURS IN PROGRAM: 120</b>					