

Biology–Organismal and Ecology (Botany Track) 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) 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
BIOL 1110/1111 (Nat Sci)	4		BIOL 1120/1121	4	
CHEM 1110/1111 (Nat Sci)	4	Take CHEM 1010/1011 if weak or no background in Chemistry	CHEM 1120/1121	4	
MATH 1910 (Math)	4	Take MATH 1730 first if weak background in Math; may take MATH 1910 with acceptable Math ACT score (26).	COMM 2200 (Comm)	3	
ENGL 1010 (Comm)	3		ENGL 1020 (Comm)	3	
SUBTOTAL	15		SUBTOTAL	14	
SOPHOMORE FALL			SOPHOMORE SPRING		
BIOL 2230/2231	4		BIOL 3250/3251	4	
CHEM 3010/3011 or CHEM 2030/2031	4		Minor course	3	
Hum/FA (Rubric 1)	3		ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)	3	
HIST 2010, HIST 2020, or HIST 2030	3		HIST 2010, HIST 2020, or HIST 2030	3	
SUBTOTAL	14		Upper-division elective	3	
SUBTOTAL			SUBTOTAL	16	
JUNIOR FALL			JUNIOR SPRING		
BIOL 3400/3401	4		BIOL 4110/4111, 4210/4211, or 4500	4	
BIOL 3500	3		BIOL Organismal and Ecology Concentration-Botany Track	3–4	BIOL 4080/4081 (odd yr.) 4120, 4520 (even yr.), 4700/4701 (even yr.)
BIOL 4350/4351, MATH 2050, or MATH 1920	3–4		Hum/FA (Rubric 2)	3	
Soc/Beh Sci (Rubric 1)	3		Soc/Beh Sci (Rubric 2)	3	
Upper-division minor course	3		Upper-division minor or elective	3	
SUBTOTAL	16–17		SUBTOTAL	16–17	
SENIOR FALL			SENIOR SPRING		
BIOL Organismal and Ecology Concentration–Botany Track	3–4	BIOL 3030 or 4060	BIOL Organismal and Ecology Concentration–Botany Track	3	BIOL 4080/4081 (odd yr.) 4120, 4520 (even yr.), 4700/4701 (even yr.)
Upper-division BIOL	4		BIOL 4200	2	
Upper-division minor or elective	3		Upper-division minor or elective	3–6	
Elective	3	3000-4000 any subject	Elective	6–3	
SUBTOTAL	13–14		SUBTOTAL	14	
TOTAL HOURS IN PROGRAM: 120					

Suggested Fall/Spring/Summer Four-Year Schedule

Refer to www.mtsu.edu/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
BIOL 1110/1111 (Nat Sci)	4		BIOL 1120/1121	4	
CHEM 1110/1111 (Nat Sci)	4	Take CHEM 1010/1011 if weak or no background in Chemistry	CHEM 1120/1121	4	
MATH 1910 (Math)	4	Take MATH 1730 first if weak background in Math; may take MATH 1910 with acceptable Math ACT score.	COMM 2200 (Comm)	3	
ENGL 1010 (Comm)	3		ENGL 1020 (Comm)	3	
SUBTOTAL	15		SUBTOTAL	14	
SOPHOMORE SUMMER					
BIOL 2230/2231	4		Hum/FA (Rubric 1)	3	
SUBTOTAL	4		SUBTOTAL	3	
SOPHOMORE FALL			SOPHOMORE SPRING		
BIOL 3250/3251	4		BIOL 3400/3401	4	
CHEM 3010/3011 or CHEM 2030/2031	4		Upper-division elective	3	
Minor course	3		ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)	3	
HIST 2010, HIST 2020, or HIST 2030	3		HIST 2010, HIST 2020, or HIST 2030	3	
SUBTOTAL	14		SUBTOTAL	13	
JUNIOR SUMMER					
Hum/FA (Rubric 2)	3		BIOL upper-division elective	4	BIOL 4280 rec.; see advisor
SUBTOTAL	3		SUBTOTAL	4	
JUNIOR FALL			JUNIOR SPRING		
BIOL 3500	3		BIOL 4110/4111, 4210/4211, or 4500	4	
Minor course	3		BIOL Organismal and Ecology Concentration–Botany Track	3–4	BIOL 4080/4081 (odd yr.) 4120, 4520 (even yr.), 4700/4701 (even yr.)
BIOL 4350/4351, MATH 2050, or MATH 1920	3–4		Soc/Beh Sci (Rubric 1)	3	
Upper-division minor course	3		Upper-division minor or elective	3	
SUBTOTAL	12–13		SUBTOTAL	13–14	
SENIOR FALL			SENIOR SPRING		
BIOL Organismal and Ecology Concentration–Botany Track	3–4	BIOL 3030 or 4060	BIOL Organismal and Ecology Concentration–Botany Track	3	BIOL 4080/4081 (odd yr.) 4120, 4520 (even yr.), 4700/4701 (even yr.)
Soc/Beh Sci (Rubric 2)	3		BIOL 4200	2	
Upper-division minor or elective	3–4		Upper-division minor or elective	4	
Elective	3	3000–4000 any subject	Elective	3	
SUBTOTAL	12–14		SUBTOTAL	12	
TOTAL HOURS IN PROGRAM: 120					