

**2024-2025 MCC Transfer Prospective Degree Guide - BS in Biology - Texas Tech University
Concentration in Ecology and Environmental Biology**

This degree plan is unofficial and subject to change. For exact course requirements and a personalized transfer plan, please schedule an appointment with a Texas Tech University admissions counselor or academic advisor. Appointments can be scheduled by calling 254-299-8324.

MCC Course	SCH	TTU Equivalent	Course Specific Notes:	Requirement
Communications	6			
ENGL 1301	3	ENGL 1301	Required	Core 010N
<i>Choose One From the Following:</i>				
SPCH 1311	3	COMS 1300		Core 010N
SPCH 1318	3	COMS 1301		Core 010N
SPCH 1315	3	COMS 2300		Core 010N
COM 1307	3	MCOM 1300		Core 010N
SPCH 1321	3	COMS 2358		Core 010N
Math	6			
MATH 1314	3	MATH 1320	Required for MATH 1316	Core 020N
MATH 1316*	3	MATH 1321	MATH 1316 or higher is a required pre-req for PHYS 1401 and 1402 at MCC. A student can take a higher math, if they prefer and are eligible via placement tests.	Core 020N
<i>Notes: Confirm your areas of study with your TTU advisor before selecting a math class. Graduate programs and pre-professional health career may require specific math prerequisites coursework.</i>				
Life and Physical Science	8			
BIOL 1406	4	BIOL 1403	Required for major	Core 030N + Lab
BIOL 1407	4	BIOL 1404	Required for major	Core 030N + Lab

Notes: These courses are required to take upper-division Biology courses at TTU; Included in major-specific hours

Language, Philosophy, and Culture	3			
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Choose One From the Following:

ENGL 2321	3	ENGL -LIT		Core 040N
ENGL 2322	3	ENGL 2323		Core 040N
ENGL 2323	3	ENGL 2324		Core 040N
ENGL 2326	3	ENGL-LIT		Core 040N
ENGL 2327	3	ENGL 2325		Core 040N
ENGL 2328	3	ENGL 2326		Core 040N
ENGL 2331	3	ENGL -LIT		Core 040N
ENGL 2332	3	ENGL 2321		Core 040N
ENGL 2333	3	ENGL 2322		Core 040N
ENGL 2341	3	ENGL-LIT		Core 040N

Creative Arts	3			
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Choose One From the Following:

ARTS 1301 ⁺	3	ART 1309	Reccomended course to fulfill multiple requirements	Core 050N + MULT
ARTS 1303	3	ARTH 1301		Core 050N
ARTS 1304 ⁺	3	ARTH 2301		Core 050N + MULT
DRAM 1310	3	THA 2303		Core 050N
MUSI 1306	3	MUHL 1308		Core 050N

Notes: ARTS 1301 and ARTS 1304 can be used to fulfill both the core creative arts requirement and the TTU multicultural university requirement.

History	6			
HIST 1301	3	HIST 2300		Core 060N
HIST 1302	3	HIST 2301		Core 060N
Political Science	6			

GOVT 2305	3	POLS 1301		Core 070N
GOVT 2306	3	POLS 2306		Core 070N
Science	3			
<i>Choose One From the Following:</i>				
ANTH 2351	3	ANTH 2302		Core 080N + MULT
ECON 2301	3	ECON 2302		Core 080N
ECON 2302	3	ECON 2301		Core 080N
ENGR 2308	3	IE 2324		Core 080N
PSYC 2301	3	PSY 1300	Required for most pre-health programs	Core 080N
SOCI 1301 ⁺	3	SOC 1301		Core 080N + MULT
SOCI 1306	3	SOC 1320		
<i>Notes: SOCI 1301 can be used to fulfill both the social and behavioral science requirement and the TTU multicultural university requirement.</i>				
Component Area Option - MCC	6			
ENGL 1302	3	ENGL 1302		Core 090C
MATH 1342	3	MATH 2300	Can substitute Calculus I, if needed.	Program req.
Foreign Language	11			
SPAN 1411 [#]	4	SPAN 1501		Program req.
SPAN 1412	4	SPAN 1502		Program req.
SPAN 2311	3	SPAN 2301		Program req.
<i>Notes: If you are interested in a different foreign language, please speak with a TTU advisor before starting foreign language coursework.</i>				
University Requirements	3	TTU or MCC Course	Course Specific Notes:	Requirement
Multicultural Requirement	3	See TTU Advisor		Program req.
Additional Requirements	17			

PHYS 1401	4	PHYS 1403		Program req.
PHYS 1402	4	PHYS 1404		Program req.
CHEM 1411	4	CHEM 1307 & 1107		Program req.
CHEM 1412	4	CHEM 1308 & 1108		Program req.
PHED**	1	Personal Fitness & Wellness	Must be action-oriented (i.e. walking, running)	Program req.
ENGL LIT	N/A	Fulfilled by Language, Philosophy, and Culture ENGL -LIT		Program req.
Semester Credit Hours Transferred	78		Semester Credit Hours Applicable	

Texas Tech Biology Requirement	SCH	TTU Course	Course Specific Notes:	Requirement
Biology I for Majors with Lab	CORE	BIOL 1403 taken as BIOL 1406 at MCC	Required for most pre-health programs	Core 030 + Lab + Program
Biology II for Majors with Lab	CORE	BIOL 1404 taken as BIOL 1407 at MCC	Required for most pre-health programs	Core 030 + Lab + Program
Genetics	4	BIOL 3416	Required for most pre-health programs	Program req.
Principles of Ecology	3	BIOL 3309		Program req.
Organic Evolution	3	BIOL 3305		Program req.
Organic Chemistry I	4	CHEM 3305/3105	Required for most pre-health programs	Program req.
Organic Chemistry II	4	CHEM 3306/3106	Required for most pre-health programs	Program req.

Biological Science Electives	21	Choose 17 hours from BIOL, ZOOL, MBIO, and other approved subjects with designated group elective areas. Work with major advisor to determine upper-division electives.	MBIO 3401 is required for most pre-health programs	Program req.
Required Additional Minor Coursework (Please see course notes for additional information)	3	See TTU Advisor	BIOL 2401 from MCC. Chemistry minor will require CHEM 3310 (Molecular Biochemistry) or CHEM 3341 (Analytical Chemical Methods) to complete. Other minor choices will add 9-12 hours of coursework to your degree. Please see TTU advisor to discuss other options.	Program req.
	42			
Total Degree Hours:	120			