



Academic Advising

Department of Animal & Range Sciences



Who we are

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📍 **123 Animal Bioscience (ABB)**



Majors and Concentrations

- Animal Science
 - Science
 - Equine Science
 - Livestock Management & Industry
- Natural Resources & Rangeland Ecology
 - Rangeland
 - Wildlife Habitat
- Ranching Systems



Writing

**If you have AP/Dual Enrollment/Running Start/IB credits,
Please plan to take a US Core for Fall
(wait on taking WRIT)**



WRIT 080

Level 100

ACT English/Writing: 0-15
ACT Writing: 3-4
SAT Writing/Language: 10-18
Qualtrics Survey: 0-37 pts

WRIT 011/ WRIT 101W

Level 200

ACT English/Writing: 16-17
ACT Writing: 5-6
SAT Writing/Language: 19-24
Qualtrics Survey: 38-73 pts

WRIT 101W

Level 300

ACT English/Writing: 18+
ACT Writing: 7-10
SAT Writing/Language: 25-37
Qualtrics Survey: 74-111 pts

EXEMPT from W Core

Level 400

ACT Writing: 11+
ACT English: 28+
SAT Reading/
Writing: 750+
SAT Writing/
Language: 38+

SAT Essay: 22+
AP English
Lang/Comp: 4
IB English A,
Lang/Lit HL: 3
High School
GPA: 3.9 +

US CORE

- US Core classes include
 - US 101US: First Year Seminar
 - AGED 140US: Leadership Development for Ag
 - COMX 111US: Public Speaking
 - HLD 121US: Leadership Foundations
- Honors College: HONR 201US-Texts & Critics.
 - You only need 1 class to fulfill the US Core
- You will only register for W or US Core – ***one at a time, NOT both in the same semester***

University Core

General Education Requirements

CORE	CODE	COURSE	CREDITS
University Seminar	US	AGED 140US – Leadership Development for Ag or COMX 111US – Introduction to Public Speaking	3
Writing	W	WRIT 101W – College Writing I	3
Quantitative Reasoning	Q	M 121Q, M 161Q or STAT 216Q	3-4
Diversity	D	You choose!	3
Arts	IA/RA	You choose!	3
Humanities	IH/RH	You Choose!	3
Social Science Inquiry	IS	ECNS 101IS	3
Natural Science Inquiry or Natural Science Research	IN/RN	Chemistry and Biology, possibly Physics	3-4
Contemporary Issues in Science	CS	*Covered by multiple IN or other sciences	3
Research	R	Covered by major	3



Math Placement

Why your math placement is important....

- Ensures students register for courses that match their current skill level
- Determines where to start in major when selecting classes
- Helps identify if you're eligible to take Chemistry in your first semester
- Supports timely academic progress by guiding course selection
- Required for all students to register for classes
- Can be established through GPA, test scores, and/or placement exams (like EdReady)

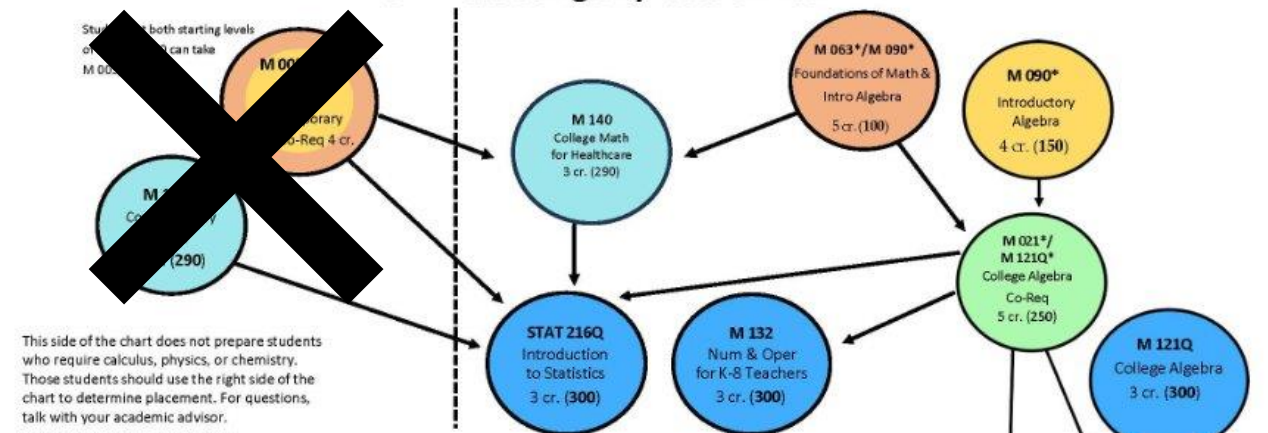
- Not happy with your math placement test score? Please take the EdReady Initial math placement assessment
 - Today: 9:15-12:15 in Roberts Hall or on your own after Orientation.
- Waiting for AP test scores?
 - Register for the math course you have initially placed in. You can change courses once AP scores have been evaluated.
- If you have dual-enrollment transcripts already received by MSU but not factored into your math placement.
 - Work with the math department during registration (Wednesday morning) to register for a higher-level math course.

Math Requirements

Animal Science Majors
will take:

- M 121Q: College Algebra
or
- M 161Q: Survey of Calculus
and/or
- STAT 216Q: Introduction to Statistics

STEM Course Eligibility Based on Math



What is my starting level?

COURSE	100	150	250	290	300	400	500
CHMY 121+122IN	Not Eligible	Not Eligible	Eligible (2025-2026 only if passed M090!!)	Eligible (Coreq 2025-2026 only!!)	Eligible	Eligible	Eligible
CHMY 141+142	Not Eligible	Not Eligible	Not Eligible	Not Eligible	Not Eligible	Eligible	Eligible
PHSX 205	Not Eligible	Not Eligible	Not Eligible	Not Eligible	Not Eligible	Eligible	Eligible
PHSX 220	Not Eligible	Not Eligible	Not Eligible	Not Eligible	Not Eligible	Not Eligible	Coreq Eligible
ECNS 101IS	Eligible w/ECNS105 Coreq	Eligible w/ECNS105 Coreq	Eligible w/ECNS105 Coreq	Eligible w/ECNS105 Coreq	Eligible	Eligible	Eligible

Revised: 3/12/2025

If a student took M 005/M 105 or M 105 and changes to a stem field major, that student is eligible to take M 021/M 121.

* Indicates courses within this math level are being taught through Gallatin College.

I am actually not sure....

It's ok! You have options

AGSC 101 (1cr)

Overview of all Ag majors, faculty guest speakers, and campus resources.

Classes we pick today:

All CORE **AND** required for your major.

Switch to University Studies

Here you can explore all of the programs MSU has to offer (250+).

Have something specific in mind?

We can help you transition to a major that is a better fit.

Liking Ag but not loving it?

Pursue a minor.

Fall 2025 Class List

- NRSM 101 (3cr) & NRSM 102 (1cr) / ANSC 100 (3cr)
- ECNS 101IS (3cr) + ECNS 105 (1cr)
- COMX 111US or AGED 140US or WRIT 101W (3cr)
- Math (3-5cr): Depends on Math placement
- BIOB 170IN or CHMY 121/122 or CHMY 141/142 (4cr)
- CORE – Diversity (D) or Arts (IA) or Humanities (IH) (3-4cr)



First-semester classes based on Math placement

START HERE	Department of Animal & Range Sciences		Target: 15 credits	START HERE
	Animal Science Degree			
	Equine Concentration	Livestock Management & Industry Concentration	Science Concentration	
	Suggested Major Courses *if math level 300 - 400 - 500 * (plan to take all)			
	CHMY 121IN/122IN Intro to General Chemistry (4 cr)	CHMY 121IN/122IN Intro to General Chemistry (4 cr)	*400/500* CHMY 141/142 College Chemistry (4 cr)	
	NRSM 101 Natural Resource Conservation (3 cr)	NRSM 101 Natural Resource Conservation (3 cr)	NRSM 101 Natural Resource Conservation (3 cr)	
	NRSM 102 Montana Range Plants (1cr)	NRSM 102 Montana Range Plants (1cr)	NRSM 102 Montana Range Plants (1cr)	
	AGSC 101 Intro to Agriculture and Natural Resources (1cr)	AGSC 101 Intro to Agriculture and Natural Resources (1cr)	BIOB 170IN Principle of Biological Diversity (4cr)	
	Math Courses *if <u>under</u> level 300*			
	Level 100 take M 063/M090 Level 150 take M 090 Level 250 take M 021/M121			
	Math Courses *if level 300 - 400 - 500 *			
	Don't enroll in math just yet	Don't enroll in math just yet	Don't enroll in math just yet	
	WRIT (Writing) or US (University Seminar) - (choose one)			
	Writing Based on Placement: WRIT 101W College Writing (3 cr) OR WRIT 001/101W College Writing with corequisite support (5 cr) OR COMX 111US Intro to Public Speaking OR AGEDUS 140 Leadership Development for Agriculture <i>*If you are exempt from W Core, you may still need to take a writing course for your major; please check with your advisor*</i>			
	CORE Courses (optional if needing more credits)			
	Humanities (IH) or Diversity (D) or Arts (IA/RA)	Humanities (IH) or Diversity (D) or Arts (IA/RA)	Humanities (IH) or Diversity (D) or Arts (IA/RA)	
	It is suggested to choose a couple of backup courses in case of full classes or scheduling conflicts			
	If AP credits or exemptions are considered, you could also choose one ECNS 101IS OR STAT 216Q			

Before you leave....

- Have all your questions been answered
- Choose 2-3 specific CORE courses (planned backup classes)
- Have your plan checked by an advisor and take a picture
- Returned your Academic Planning Worksheet
- ***You're all done – you did great!***



