

This degree plan packet is meant to be a resource for current students at Texas A&M University.

If you are a prospective freshman or transfer student and would like to see if the courses listed in this packet coincide with courses you have taken or are looking to take outside of Texas A&M, please utilize one of the following resources:

Texas A&M University Transfer Course Equivalency Site

<https://howdy.tamu.edu/uPortal/p/tce-ui.ctf1/max/render.uP>

Texas Common Course Numbering System

<https://www.tccns.org/>

TEXAS A&M UNIVERSITY
B.S. DEGREE PLAN IN EDUCATION
MIDDLE GRADES 4-8 MATH/SCIENCE (MTS)

STUDENT _____ UIN# _____
 (Last) (First) (MI)

Writing Requirements: INST 362 & RDNG 372 Foreign Language: (2 yrs HS or 2 semesters University) _____

International Cultural Diversity (3) TEFB 273 Cultural Discourse (3) INST 222 Phone Number _____

COURSE #	HRS	GRD	COURSE #	HRS	GRD
COMMUNICATION (6)			MAJOR COURSEWORK (24)		
ENGL 103 or 104	3		TEFB 273 – Introduction to Culture	3	
Core Communication Course*	3		INST 210 – Understand Special Pop	3	
MATHEMATICS (6)			INST 362 - English as a Second Lang I +	3	
*Core Mathematics Course	3		INST 363 – English as a Second Lang II	3	
*Core Mathematics Course	3		RDNG 372 - Reading & Writing Mid Gr +	3	
LIFE AND PHYSICAL SCIENCES* (9)			RDNG 460 or 468 – Lang and Reading	3	
*Core LPS Course	4		EDCI 353 – Early Child through Ad Edu	3	
*Core LPS Course	4		EDCI 365 – Using Tech in Classroom	3	
KINE 120 – Sci of Basic Hlth & Fitness	1		SCIENCE CONCENTRATION (18)		
LANGUAGE, PHIL, CULTURE* (3)			*Core LPS Course	4	
	3		*Core LPS Course	4	
CREATIVE ARTS* (3)			*Core LPS Course	4	
	3		MASC 320 – Inquiries in Physical Sci	3	
SOCIAL AND BEHAVIORAL SCIENCES (3)			MASC 420 – Inquiries in Life & Earth	3	
INST 222 - Found of Edu Multicult Society	3		CLINICAL 2 PHASE (6)		
CITIZENSHIP (12)			TEFB 371 – Dynamics & Management	3	
HIST 105 or 106	3		EDCI 354 – EC & Ad Curr & Lesson Des	3	
HIST 226 – TX History	3		CLINICAL 3 PHASE (12)		
POLS 206 - American National Govt.	3		MEFB 452 – Curr & Instruction Mid Gr	3	
POLS 207 - State and Local Govt.	3		MEFB 460 – Math Methods Middle Gr	3	
MATHEMATICS CONCENTRATION (18)			MEFB 470 – Science Methods Mid Gr	3	
EPSY 435 or STAT 303	3		RDNG 490 – Assessment in Reading	3	
^MATH 365 – Structure of Mathematics I	3		CLINICAL 4 PHASE (6)		
^MATH 366 – Structure of Mathematics II	3		MEFB 497 or TEED 425- Clinical Teach	6	
MATH 367 – Basic Concepts of Geometry	3				
MASC 351 – Problem Solving in Math	3				
MASC 450 – Integrated Mathematics	3				

Important Information:

BOLD courses indicate prerequisite classes that must be taken before admittance to Upper-Level coursework and the Educator Preparation Portal. **SHADED** courses indicate classes that must be taken after admission into the Educator Preparation Portal.

*Refer to core.tamu.edu to select courses to satisfy the University Core Curriculum. Proper selection of courses might meet ICD or CD requirements

+INST 362 and RDNG 372 will fulfill the University Core Curriculum Writing Requirement

^ Must take at Texas A&M University

STUDENT _____ DATE _____ MINIMUM HOURS REQUIRED: 126
 PROPOSED GRAD. DATE:

ADVISOR _____ DATE _____

Middle Grades 4-8 Math/Science Curriculum Spreadsheet

THIS GUIDE IS INTENDED TO ASSIST IN SCHEDULING. EVERYTHING IS SUBJECT TO CHANGE.					
COURSE	PRE-REQUISITE	CLASS	SUBSTITUTE	MIN GRADE	Detailed Information
ENGL 104		U1-U2	ENGL 103	C	Must take as U1 or U2 at TAMU, otherwise you will have to transfer this course in. Prereq for admission to Educator Prep Portal
*Core Communications		U1-U4		C	See core.tamu.edu
*Core Math		U1-U4		C	Prerequisite course for MATH 365 and 366 and admission to Educator Preparation Portal
*Core Math		U1-U4		C	Prerequisite course for MATH 365 and 366 and admission to Educator Preparation Portal
*Core LPS Course		U1-U4		C	Prerequisite course for admission to Educator Preparation Portal
*Core LPS Course		U1-U4		C	Prerequisite course for admission to Educator Preparation Portal
KINE 120		U1-U4	Any 1 hour LPS course	C	See core.tamu.edu
**Core Lang, Phil, Cult		U1-U4	NONE	C	See core.tamu.edu
**Creative Arts Elective		U1-U4	NONE	C	See core.tamu.edu
INST 222		U1-U4	NONE	C	Course meets Social & Behavioral Science core requirement
HIST 105		U1-U4	HIST 106	C	
HIST 226		U1-U4	NONE	C	
POLS 206		U1-U4	NONE	C	
POLS 207		U1-U4	NONE	C	
EPSY 435		U3-U4	STAT 303	C	
MATH 365^	Core Math	U3-U4	NONE	C	Must take at Texas A&M University
MATH 366^	MATH 365	U3-U4	NONE	C	Must take at Texas A&M University
MATH 367	MATH 366	U3-U4	NONE	C	
MASC 351		U3-U4	NONE	C	
MASC 450		U3-U4	NONE	C	
TEFB 273		U1-U4	NONE	C	Prerequisite course for admission to Educator Preparation Portal
INST 210		U2-U4	NONE	C	Prerequisite course for admission to Educator Preparation Portal
INST 362 +		U2-U4	NONE	C	Writing Intensive
RDNG 372 +		U2-U4	NONE	C	Writing Intensive
INST 363		U2-U4	NONE	C	
RDNG 460 or 468		U3-U4	NONE	C	
EDCI 365		U3-U4	NONE	C	
EDCI 353		U3-U4	NONE	C	
*Core LPS Course		U1-U4	NONE	C	See core.tamu.edu
*Core LPS Course		U1-U4	NONE	C	See core.tamu.edu
*Core LPS Course		U1-U4	NONE	C	See core.tamu.edu
MASC 320	8 hr Core LPS	U3-U4	NONE	C	
MASC 420	Core LPS	U3-U4	NONE	C	
TEFB 371	EPP Admission	U3-U4	NONE	C	Clinical 2 Course - Concurrent Enrollment in EDCI 354
EDCI 354	EDCI 353 & EPP Admission	U3-U4	NONE	C	Clinical 2 Course - Concurrent Enrollment in TEFB 371
MEFB 452	Clinical 2 Courses	U3-U4	NONE	C	Clinical 3 Course. All other coursework must be completed for enrollment.
MEFB 460	Clinical 2 Courses	U3-U4	NONE	C	Clinical 3 Course. All other coursework must be completed for enrollment.
MEFB 470	Clinical 2 Courses	U3-U4	NONE	C	Clinical 3 Course. All other coursework must be completed for enrollment.
RDNG 490	Clinical 2 Courses	U3-U4	NONE	C	Clinical 3 Course. All other coursework must be completed for enrollment.
TEED 425 or MEFB 497	All other coursework	U3-U4	NONE	C	Clinical Student Teaching course. All other coursework on degree must be completed for enrollment.
^Must take at Texas A&M University					
+Writing Course Requirement					
** Proper selection might also meet International Cultural Diversity or Cultural Discourse requirements - see core.tamu.edu					

GENERAL RULES
MIDDLE GRADES 4-8 MATH/SCIENCE (MTS) MCALLEN
CATALOG 202431

I. ADMISSION INTO CLINICAL COURSEWORK / EDUCATOR PREPARATION PORTAL

The State of Texas has strict standards for those pursuing Teacher Certification. This includes several outside requirements such as field-based hours and exams you must complete in addition to your required coursework. You will work closely with your academic advisor and faculty to ensure you are meeting all of the necessary requirements to be certified. Failure to complete all requirements will result in you not being certified upon graduation.

Students must be admitted to the Educator Preparation Program (EPP) through the Aggie Educator Portal (AEP) before they are permitted to begin their Clinical two (C2) coursework. The minimum requirements for admission into the AEP are detailed below. The first day of class following your admission into Educator Preparation begins your official start into teacher preparation. Students are not permitted to take any shaded coursework until being formally admitted into the Educator Preparation Program. All shaded coursework must be completed after admission to the EPP to allow you to meet the clock hours that are required by Texas Education Agency (TEA) to be certified as a teacher in the State of Texas. Subsequently, if you take any shaded coursework before your official acceptance into the Aggie Educator Preparation Program, your ability to be certified will not be possible.

Below are the minimum requirements you must meet to be admitted to Aggie Educator Portal:

1. Complete a minimum of 60 credit hours that count towards your degree
2. Minimum GPR requirement of 2.75 or higher at Texas A&M
3. Complete the following bold courses with a grade of “C” or better:
 - a. 6 Hours of core Mathematics courses
 - b. 8 Hours of core Life and Physical Science courses
 - c. ENGL 103 or 104
 - d. TEFB 273
 - e. INST 222
 - f. INST 210

II. CLINICAL COURSEWORK

Once admitted to the AEP you will be allowed to begin your clinical coursework. Clinical semesters are sequenced to ensure that students are completing all the necessary requirements to become certified. You must complete your clinical coursework in a minimum of three long semesters and those three semesters need to be back-to-back. Clinical courses will include field observations meaning you will spend time within an actual classroom in the immediate area (Brazos Valley).

- Clinical 2 (C2) includes 6 hours of coursework which will allow you to take up to 10 additional hours of additional regular coursework that you have left on your degree.
- Clinical 3 (C3) is 12 hours of coursework. You must complete all other degree coursework and requirements before you will be permitted to enroll in your C3 courses.
- Clinical 4 (C4) is your final semester in which you will student teach in a Partnering School District. Current districts that we partner with are listed here: <https://mysehd.tamu.edu/tlac-clinical-teaching-partnering-school-districts/>. All other coursework, degree requirements, and content/STR exams must be finished before you clinical teach.

Students that are entering clinical coursework are guaranteed a seat in the clinical courses needed to stay on track to graduate within three long semesters. It is imperative that students follow all registration instructions and monitor their emails to ensure they do not miss important registration information.

III. COURSE SEQUENCING

Courses that are housed within Education and Human Development in McAllen are not guaranteed to be offered every fall and spring semester. It is critical that students work with their academic advisor to

ensure they are taking the major courses they need each fall and spring to stay on track with their degree requirements. Below is an *example* of how courses may be offered:

Fall Only		Spring Only		Fall & Spring	
TEFB 273	MASC 450	INST 222	INST 210	TEFB 371	EDCI 354
EDCI 353	MASC 420	EDCI 365	MASC 351	MEFB 452	MEFB 460
RDNG 372	INST 363	INST 362	MASC 320	MEFB 470	RDNG 490
MATH 135	MATH 365	RDNG 468	EPSY 435	MEFB 497	
MATH 367		MATH 136	MATH 366		

IV. CERTIFICATION

All Education degree programs within the Teaching, Learning, and Culture department are considered certification programs. Students will be required to complete the certification process to graduate. If you do not wish to complete the certification process, you will be required to change your major. All courses in the degree program are designed to prepare students for teacher educator preparation.

V. PROGRESS TOWARDS DEGREE

Student Rule 1.5.1 states, “A student is expected to register for a schedule of courses that follows the program of study for a degree in his or her college. A student who elects not to follow the program of study must obtain approval from his or her academic advisor. A student who fails to obtain approval may be held from registration, removed from the inappropriate course(s) and/or required to register for a prescribed schedule of courses” Periodically advisors will check to make sure you are taking classes towards your degree. If you are planning to change majors or take prerequisites for professional school, please let your advisor know.

Student Rule 12.1 – 12.2 - **Students must maintain a 2.75 or higher GPA at all times.** Those who do not meet the minimum GPA requirements may be placed on academic probation or dismissed from their major.

VI. UNDERGRADUATE DEGREE PLANNER REQUIREMENT

The Undergraduate Degree Planner (UGDP) is an electronic tool that allows students to create a four-year layout of degree requirements to map out a tentative graduation timeline. The UGDP is in Howdy and accessible at any time to edit or plan future semesters. Students are encouraged to update their UGDP each semester to prepare for class registration, stay on track with course sequencing, and prepare for academic advising meetings. **The UGDP is not a substitute for advising.** Completion of your UGDP does NOT ensure you are meeting all the requirements for graduation or that your courses will be available in the semester(s) you plan.

VII. DIFFERENTIAL TUITION

Undergraduate students enrolled in the professional phase of teacher preparation programs incur a differential tuition charge of \$300 in each of the remaining fall and spring semesters. This differential tuition helps support field experiences, supervision, scholarships and international/urban experiences in culturally diverse settings.

VIII. REQUIREMENTS FOR GRADUATION

1. Minimum GPR requirement: 2.5 overall at Texas A&M.
2. Complete all required coursework with the minimum required grade (C or better).
3. Apply for graduation and pay the diploma fee the semester you are graduating.
4. Transfer all applicable courses to Texas A&M by the registrars’ deadline.
5. More information can be found on <http://graduation.tamu.edu/>

Everything in this degree plan packet is subject to change

Middle Grades 4-8 Math/Science (McAllen) Curriculum Planning By Semester

This degree plan has been laid out showing students the number of hours they should take each semester in order to complete the degree in four years. This is a *suggested* plan, students may opt to take their courses differently based on their individual situation. Students should use this document in conjunction with the curriculum spreadsheet, a copy of their degree plan, and meeting with their academic advisor when scheduling courses each semester. Students should be mindful that they need to complete all of the bolded prerequisite courses and be admitted to the professional program before they will be allowed to take the shaded professional courses.

First Fall		First Spring		First Summer	
Course	Cr Hrs	Course	Cr Hrs	Course	Cr Hrs
ENGL 103 or 104	3	Core Communication Course*	3	POLS 206	3
Core Mathematics	3	Core Mathematics	3	Core Life and Physical Science*	4
HIST 105 or 106	3	INST 210	3		
Language, Philosophy, Culture*	3	INST 222	3		
TEFB 273	3	Core Life and Physical Science*	4		
TOTAL	15	TOTAL	16	TOTAL	7

Second Fall		Second Spring		Second Summer	
Course	Cr Hrs	Course	Cr Hrs	Course	Cr Hrs
Core Life and Physical Science	4	^MATH 366	3	POLS 207	3
HIST 226	3	Core Life and Physical Science*	4	Core Life and Physical Science*	4
Core Creative Arts*	3	MASC 351	3		
^MATH 365	3	MASC 320	3		
EDCI 353	3	INST 362+	3		
TOTAL	16	TOTAL	16	TOTAL	7

Third Fall		Third Spring		Third Summer	
Course	Cr Hrs	Course	Cr Hrs	Course	Cr Hrs
MATH 367	3	CLINICAL 2			
INST 363	3	TEFB 371	3		
RDNG 372+	3	EDCI 354	3		
MASC 450	3	RDNG 460 or 468	3		
MASC 420	3	EPSY 435 or STAT 303	3		
KINE 120	1	EDCI 365	3		
TOTAL	16	TOTAL	15	TOTAL	0

Fourth Fall		Fourth Spring		Fourth Summer	
Course	Cr Hrs	Course	Cr Hrs	Course	Cr Hrs
CLINICAL 3		CLINICAL TEACHING			
MEFB 452	3	MEFB 497 or TEED 425	6		
MEFB 460	3				
MEFB 470	3				
RDNG 490	3				
TOTAL	12	TOTAL	6	TOTAL	0

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