

Program Modification Form

Effective Year/Term: Fall 2013

College: Sciences and Mathematics

Department: Mathematics and Statistics

Type of Change Requested (Click all that apply):

Change of required Courses ☒, Change in credit hours ☐

Addition of new Minor ☐, Concentration ☒

Deletion of Minor ☐, Concentration ☐

Is the requested program change dependent on the approval of any course modifications, additions, or deletions? Yes – minor modifications in multiple courses. In addition, two courses which have been taught under a topics label are now requested as permanent courses.

If so, please list the proposed course changes below:
See attached course modifications

How many credit hours is the current program (if applicable) 36

How many credit hours will the new/modified program be 36

Are there any prerequisites that will not count toward the required hours for the major/minor? No

If so, list the prerequisites, the number of credit hours, and an explanation

Course	Prerequisite for	Explanation

Detail the planned changes below: Approval by the Texas Higher Education Coordinating Board for a consolidation of existing graduate majors, School Mathematics Teaching: Middle Level and School Mathematics Teaching: Secondary Level, into a single major in School Mathematics Teaching with a 24 credit hour core and emphases in middle or secondary levels, requires a revision in the program description. Planned changes maintain the current credit hour requirements and require only slight modifications in courses.

The new program description will read as follows:

The Department of Mathematics and Statistics offers the Master of Science degree with majors in mathematical sciences and mathematics teaching; the mathematical sciences major offers concentrations in mathematics or statistics and has both thesis and non-thesis options. The non-thesis major requires 36 semester hours of course work. The thesis major requires 30 semester hours of course work plus three semester hours of thesis research and three semester hours of thesis writing. Additional requirements are listed below.

School Mathematics Teaching (Non-Thesis).

This degree is designed for the person who is teaching or plans to teach middle or secondary school mathematics. (Those who are also seeking initial certification should consult the College of Education for additional requirements.) The student will take MTE 555, 558, 560, 562, 565, 570, and 584, and SED 532. In addition, the student seeking a middle school emphasis will be required to complete MTE 548, 550, 552, and 554. The student seeking a high school emphasis will be required to complete MTE 566, 568, 572, and 580.

Exceptions to these program requirements require approval of the Department Chair.

Discuss the rationale for the proposed changes: The 24 hour core for the two emphases will reduce the number of faculty required for the implementation of the program. In addition, the consolidation will increase the opportunity to meet the THECB graduation rate requirement.

How would the planned change affect students and/or other departments/disciplines? There would be no effect on students since the two programs are now represented by emphases in the consolidated program. No other departments/disciplines are affected.

Please fill out the table if necessary and attach any additional supporting information that you feel would be helpful or necessary.

Dept. Chair _____ Date: _____

College Curriculum Chair _____ Date: _____

College Dean _____ Date: _____

Grad Dean/Univ Curr Chair _____ Date: _____

Please use the table below to detail major changes involving three or more classes or major curriculum realignments. Please double check that all information is accurate and that the hours add up correctly and consistently with prior information.

School Mathematics Teaching: Middle School			Revised School Mathematics Teaching Program with Middle School Concentration		
Course	Hours	Change	Course	Hours	Change
MTE 550	3	Modify	MTE 548	3	Add: Proposed new course
MTE 552	3	Modify	MTE 550	3	Modify
MTE 554	3	Modify	MTE 552	3	Modify
MTE 556	3	Delete	MTE 554	3	Modify
MTE 558	3	Modify	MTE 555	3	Add: Proposed new course
MTE 560	3	Modify	MTE 558	3	Modify
MTE 562	3	Modify	MTE 560	3	Modify
+6 hours MTE as advised	6		MTE 562	3	Modify
+9 hours pedagogy as advised	9		MTE 565	3	Modify
			MTE 570	3	Modify
			MTE 584	3	Modify
			SED 532	3	
Total Hours	36		Total Hours	36	

School Mathematics Teaching: Middle School			Revised School Mathematics Teaching Program with High School Concentration		
Course	Hours	Change	Course	Hours	Change
MTE 565	3	Modify	MTE 555	3	Proposed new course
MTE 566	3	Modify	MTE 558	3	Modify
MTE 567	3	Delete	MTE 560	3	Modify
MTE 568	3	Modify	MTE 562	3	Modify
MTE 570	3	Modify	MTE 565	3	Modify
MTE 572	3	Modify	MTE 566	3	Modify
MTE 574	3	Delete	MTE 568	3	Modify
MTE 578	3	Delete	MTE 570	3	Modify
MTE 580	3	Modify	MTE 572	3	Modify
MTE 584	3	Modify	MTE 580	3	Modify
MTE 586	3	Delete	MTE 584	3	Modify
+3 grad. hours as advised	3		SED 532	3	
Total Hours	36		Total Hours	36	

Changes-- Add, Delete, Modify