Curriculum Change Form
(Present only one proposed curriculum change per form)
(Complete only the section(s) applicable.)

Part I

(Check one)	Department Name	Mathematics and Statistics
___ New Course (Parts II, IV)	College	Arts and Sciences
X Course Revision (Parts II, IV)	*Course Prefix & Number	STA 520
___ Hybrid Course ("S," "W")	*Course Title	Mathematical Statistics I
___ New Minor (Part III)	*Program Title	
___ Program Suspension (Part III)		
___ Program Revision (Part III)	*Provide only the information relevant to the proposal.	If Certificate, indicate Long-Term (University) or Short-Term (Departmental)

Proposal Approved by:	Date		Date
Departmental Committee	11/07/2014	Council on Academic Affairs	9/17/15
College Curriculum Committee	2/23/2015	Faculty Senate**	NA
General Education Committee*	NA	Board of Regents**	NA
Teacher Education Committee*	NA	EFFECTIVE ACADEMIC TERM***	FALL 2016
Graduate Council*	03/27/2015		

 *If Applicable (Type NA if not applicable.)
 **Approval needed for program revisions or suspensions.
***To be added by the Registrar's Office after all approval is received.

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: (Example: Increase the number of credit hours for ABC 100 from 1 to 2.)

Revise course prerequisites as a result of recent MTST course revisions and remove redundant courses.

A. 2. Proposed Effective Academic Term: (Example: Fall 2012)

Fall 2016

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)

B. The justification for this action:

The students need to know the content from STA 215 or 270 to be prepared to take this class and some of the other courses currently listed in the prerequisite are not equivalent. STA 370 already had a prerequisite of STA 215 or 270, so it is redundant to list it as a prerequisite. In addition, the appropriate renumbering of courses has been changed.

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact:

No impact

Operating Expenses Impact:

No impact

Equipment/Physical Facility Needs:

No impact

Library Resources:

No impact

Part II. Recording Data for New, Revised, or Dropped Course
(For a **new required course,** complete a separate request for the appropriate program revisions.)

1. For a new course, provide the catalog text.
2. For a revised course, provide the current catalog text with the proposed text using ~~strikethrough~~ for deletions and <u>underlines</u> for additions.
3. For a dropped course, provide the current catalog text.

New or Revised* Catalog Text
(*Use ~~strikethrough~~ for deletions and <u>underlines</u> for additions. Also include Crs. Prefix, No., and description, limited to 35 words.)

STA 520 Mathematical Statistics I. (3) I. Cross-listed as MAT 520. Prerequisites: MAT ~~224~~<u>244</u>, ~~or 224~~<u>244</u>H, ~~or 225~~<u>254</u>, or ~~225~~<u>254</u>H; and STA 215 or 270~~. or 370 or CRJ 400 or ECO 220 or ECO 848 or EPY 842 or HEA 450 or PSY 309 or QMB 200~~. Descriptive statistics, discrete and continuous probability distributions for one and two variables, functions of random variables, sampling distributions, expectations and generating functions. Credit will not be awarded <u>to students who have credit </u>for ~~both STA 520 and~~ MAT 520.

Part IV. Recording Data for New or Revised Course (Record only **new or changed** course information.)

Course prefix (3 letters)	Course Number (3 Digits)	Effective Academic Term (Example: Fall 2012)	College/Division:	Dept. (4 letters)*
STA	520	Fall 2016	AS X HS BT JS ED UP	MTST

Credit Hrs.	Weekly Contact Hrs.			Repeatable Maximum No. of Hrs.
	Lecture	Laboratory	Other	
				Cip Code (first two digits only)

Schedule Type* (List all applicable)	Work Load (for each schedule type)	Grading Mode*	Class Restriction, if any: (undergraduate only)
			FR JR
			SO SR
		Grading Information: Course is eligible for IP (in-progress grading) for: Check all applicable	
		Thesis	
		Internship	
		Independent Study	
		Practicum	

CoRequisites and Prerequisites   ****See definitions on following page****

Co-Requisite(s):   (List only co-requisites. See below for prerequisites and combinations.)

Course Prefix and No.	
Course Prefix and No.	

Prerequisite(s): (List prerequisites only. List combinations below. Use **"and"** and **"or"** literally.) (Specific minimum grade requirements should be placed in ( ) following courses. Default grade is D⁻.)

Course Prefix and No.	MAT 224244, or 224244H, or 225254, or 225254H; and STA 215 or 270. or 370 or CRJ 400 or ECO 220 or ECO 848 or EPY 842 or HEA 450 or PSY 309 or QMB 200.
Course Prefix and No.	
Test Scores	
Minimum GPA (when a course grouping or student cumulative GPA is required)	

Co-requisite(s) and/or Prerequisite(s) Combination (Use **"and"** and **"or"** literally.) (Specific minimum grade requirements should be placed in ( ) following courses. Default grade is D-.)

Course Prefix and No.	
Test Scores	
Minimum GPA (when a course grouping or student cumulative GPA is required)	

Equivalent Course(s): (credit will not be awarded for both…; or formerly…)

Course Prefix and No.	
Course Prefix and No.	
Course Prefix and No.	

Proposed General Education Element: Please mark (**X**) in the appropriate Element or Elements (e.g. – 4B(3) **X**).

Element 1 (9)	Element 2 (3)	Element 3 (6)	Element 4 (6)	Element 5 (6)	Element 6 (6)
1A (3)	2 (3)	3A (3)	4A (3)	5A (3)	6 (6)
1B (3)		3B (3)	4B (3)	5B (3)	
1C (3)		or 3A/B Integrated A&H(6)	or 4A/B Integrated Sciences(6)		

Curriculum Change Form
(Present only one proposed curriculum change per form)
(Complete only the section(s) applicable.)

Part I

(Check one)	Department Name	Mathematics and Statistics
New Course (Parts II, IV)	College	Arts and Sciences
X Course Revision (Parts II, IV)	*Course Prefix & Number	STA 720
Hybrid Course ("S," "W")	*Course Title	Mathematical Statistics I
New Minor (Part III)	*Program Title	
Program Suspension (Part III)		
Program Revision (Part III)	*Provide only the information relevant to the proposal.	If Certificate, indicate Long-Term (University) or Short-Term (Departmental)

Proposal Approved by:	Date		Date
Departmental Committee	2/9/2015	Council on Academic Affairs	9/17/15
College Curriculum Committee	2/23/2015	Faculty Senate**	NA
General Education Committee*	NA	Board of Regents**	NA
Teacher Education Committee*	NA	EFFECTIVE ACADEMIC TERM***	FALL 2016
Graduate Council*	03/27/2015		

 *If Applicable (Type NA if not applicable.)
 **Approval needed for program revisions or suspensions.
***To be added by the Registrar's Office after all approval is received.

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: (Example: Increase the number of credit hours for ABC 100 from 1 to 2.)

Revise course description to more accurately reflect course content.

A. 2. Proposed Effective Academic Term: (Example: Fall 2012)

Fall 2016

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)

B. The justification for this action:

We have included a recommendation of courses to take prior to taking STA 720. The hyphen in cross-listed and the rewording of the "no credit" statement align with the style guide.

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact:

No impact

Operating Expenses Impact:

No impact

Equipment/Physical Facility Needs:

No impact

Library Resources:

No impact

Part II. Recording Data for New, Revised, or Dropped Course
      (For a **new required course,** complete a separate request for the appropriate program revisions.)

1.	For a new course, provide the catalog text.
2.	For a revised course, provide the current catalog text with the proposed text using ~~strikethrough~~ for deletions and <u>underlines</u> for additions.
3.	For a dropped course, provide the current catalog text.

New or Revised* Catalog Text
(*Use ~~strikethrough~~ for deletions and <u>underlines</u> for additions. Also include Crs. Prefix, No., and description, limited to 35 words.)

STA 720 Mathematical Statistics I. (3) A. ~~Cross listed~~ <u>Cross-listed</u> as MAT 720. Descriptive statistics, discrete and continuous probability distributions for one and two variables, functions of random variables, sampling distributions, expectations and generating functions. Credit will not be awarded to students who have credit for MAT 720. <u>It is strongly recommended that students have completed eight hours of calculus.</u>

Part IV. Recording Data for New or Revised Course (Record only **new or changed** course information.)

Course prefix (3 letters)	Course Number (3 Digits)	Effective Academic Term (Example: Fall 2012)	College/Division:	Dept. (4 letters)*
STA	720	Fall 2016	AS X HS ____ BT ____ JS ____ ED ____ UP ____	MTST

Credit Hrs.	Weekly Contact Hrs.	Repeatable Maximum No. of Hrs. ____
	Lecture ____ Laboratory ____ Other ____	Cip Code (first two digits only)

Schedule Type* (List all applicable)	Work Load (for each schedule type)	Grading Mode*	Class Restriction, if any: (undergraduate only)
			FR ____ JR ____ SO ____ SR ____
		Grading Information: Course is eligible for IP (in-progress grading) for: Check all applicable	
		Thesis ____	
		Internship ____	
		Independent Study ____	
		Practicum	

CoRequisites and Prerequisites   ****See definitions on following page****

Co-Requisite(s):   (List only co-requisites. See below for prerequisites and combinations.)

Course Prefix and No.	
Course Prefix and No.	

Prerequisite(s): (List prerequisites only. List combinations below. Use **"and"** and **"or"** literally.) (Specific minimum grade requirements should be placed in ( ) following courses. Default grade is D ⁻.)

Course Prefix and No.	
Course Prefix and No.	
Test Scores	
Minimum GPA (when a course grouping or student cumulative GPA is required)	

Co-requisite(s) and/or Prerequisite(s) Combination (Use **"and"** and **"or"** literally.) (Specific minimum grade requirements should be placed in ( ) following courses. Default grade is D-.)

Course Prefix and No.	
Test Scores	
Minimum GPA (when a course grouping or student cumulative GPA is required)	

Equivalent Course(s):   (credit will not be awarded for both…; or formerly…)

Course Prefix and No.	
Course Prefix and No.	
Course Prefix and No.	

Proposed General Education Element: Please mark (**X**) in the appropriate Element or Elements (e.g. – 4B(3) **X**).

Element 1 (9)	Element 2 (3)	Element 3 (6)	Element 4 (6)	Element 5 (6)	Element 6 (6)
1A (3)	2 (3)	3A (3)	4A (3)	5A (3)	6 (6)
1B (3)		3B (3)	4B (3)	5B (3)	
1C (3)		*or* 3A/B Integrated A&H(6)	*or* 4A/B Integrated Sciences(6)		