

## CHANGE MINOR

Once approved at the college level, your college will send the proposal to the appropriate Senate academic council (HCCC and/or UC) for review and approval. Once approved at the academic council level, the academic council will send your proposal to the Senate Council office for additional review and then a 10-day posting online, during which senators review on their own and have an option to register an objection if they so desire. If no objection is raised to the Senate Council Office within ten days of the posting the proposal, then the program change is approved. The Senate Council Office will report approvals to the Provost, Registrar and other appropriate entities, including the contact person.

For each proposed change, you MUST also include the existing requirement.

1. GENERAL INFORMATION			
1a	Home college <sup>1</sup> : College of Arts and Sciences		
1b	Home educational unit (department or school) <sup>1</sup> : Department of Statistics		
1c	Current minor name: Statistics	<i>Proposed minor name: Statistics</i>	
1d	CIP Code <sup>2</sup> : 27.0501	Today's Date: 1/9/18	
1e	Is there an accrediting agency related to this minor?		Yes <input type="checkbox"/>
	If "Yes," name:		No <input checked="" type="checkbox"/>
1f	Requested effective date:	<input checked="" type="checkbox"/> Fall semester following approval.	OR <input type="checkbox"/> Specific Date <sup>3</sup> : Fall 20
1g	Contact person name: Bill Rayens	Email: rayens@uky.edu	Phone: 257-7061
2. OVERVIEW OF CHANGES			
2a	Describe the rationale for the changes. (450 word limit)		
	The Department of Statistics is updating the curriculum for the Graduate Certificate in Applied Statistics. One of the changes includes taking STA 570 from 4 credit hours to 3 credit hours. STA 570 is a required course in the Statistics minor, therefore we are submitting a minor change.		
2b	Will the requested changes result in the use of courses from another unit?		Yes <input type="checkbox"/>
	If "Yes," describe generally the courses and how they will used.		No <input checked="" type="checkbox"/>
	If "Yes," two pieces of supporting documentation are required.		
	<input type="checkbox"/> Check to confirm that appended to the end of this form is a letter of support from the appropriate chair/director <sup>4</sup> of each unit from which individual courses will be used.		
	<input type="checkbox"/> Check to confirm that appended to the end of this form is verification that the chair/director of each affected		

<sup>1</sup> It is not possible to change the home academic unit of a degree program via this form. To change the home unit, visit <https://www.uky.edu/universitysenate/forms> and look for the heading, "Forms Related to Academic Organizational Structure."

<sup>2</sup> The CIP code is provided by Institutional Effectiveness. You can reach Institutional Effectiveness by phone or email (257-1962 or [OSPIE@l.uky.edu](mailto:OSPIE@l.uky.edu)).

<sup>3</sup> No program will be effective until all approvals are received.

<sup>4</sup> A dean may submit a letter only when there is no educational unit below the college level, i.e. there is no department/school.

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	unit has consent from the faculty members of the unit. This typically takes the form of meeting minutes.						
2c	Will the minor's faculty of record change?					Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
If "Yes," indicate current system and proposed changes below. (150 word limit)							
Current:			Proposed:				
<b>3. COURSE-RELATED CHANGES</b>							
3a	Will the minor's prerequisites change?					Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
If "Yes," use the grid below to illustrate the changes.							
Current			Proposed				
Prefix & Nmbr	Credit Hrs	Title	Prefix & Nmbr	Credit Hrs	Title	Course Status <sup>5</sup>	
						Select one....	
						Select one....	
						Select one....	
						Select one....	
						Select one....	
						Select one....	
						Select one....	
3b	Provide the narrative about the changed prerequisites to include in the Bulletin. (150 word limit)						
	n/a						
3c	Will the minor's required courses change?					Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
If "Yes," use the grid below to illustrate the changes.							
Current			Proposed				
Prefix & Nmbr	Credit Hrs	Title	Prefix & Nmbr	Credit Hrs	Title	Course Status <sup>6</sup>	
		Please see attachment 3c for curriculum				Select one....	
						Select one....	
						Select one....	
						Select one....	
						Select one....	
						Select one....	
						Select one....	
						Select one....	

<sup>5</sup> Use the drop-down list to indicate if the course is a new course ("new"), an existing course that will change ("change"), or if the course is an existing course that will not change ("n/c").

<sup>6</sup> Indicate if the course is new ("new"), existing but will change ("change"), or exists but will not change ("no change").

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						Select one....
						Select one....
						Select one....

3d	Provide the narrative about the changed required courses to include in the Bulletin. (150 word limit)
	n/a

3e	Will the minor's elective courses change?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	If "Yes," use the grid below to illustrate the changes.		

Current			Proposed			
Prefix & Nmbr	Credit Hrs	Title	Prefix & Nmbr	Credit Hrs	Title	Course Status <sup>7</sup>
						Select one....
						Select one....
						Select one....
						Select one....
						Select one....
						Select one....
						Select one....
						Select one....
						Select one....
						Select one....
						Select one....
						Select one....
						Select one....
						Select one....
						Select one....
						Select one....
						Select one....
						Select one....
						Select one....
						Select one....
						Select one....

3f	Provide the narrative about the changed elective courses to include in the Bulletin. (150 word limit)
	n/a

**4. OTHER CHANGES**

4a	Are there any other changes to the minor? If "Yes," note below. (150 word limit)	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

**5. APPROVALS/REVIEWS**

Information below does not supersede the requirement for individual letters of support from educational unit administrators and verification of faculty support (typically takes the form of meeting minutes).

*In addition to the information below, attach documentation of department and college approval. This typically takes the form of meeting minutes but may also be an email from the unit head reporting department- and college-level votes.*

	Reviewing Group Name	Date Approved	Contact Person Name/Phone/Email
5a	(Within College)		
	Statistics Department	12/5/18	/ / Arny Stromber

<sup>7</sup> Indicate if the course is new ("new"), existing but will change ("change"), or exists but will not change ("no change").

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	A&S EPC	1/22/19	Scott Hutson /	/	<i>Scott Hutson</i>
	A&S Assoc Dean	1/22/19	Anna Bosch/	/	<i>Anna Bosch</i>
			/	/	
5b	(Collaborating and/or Affected Units)				
			/	/	
			/	/	
			/	/	
			/	/	
			/	/	
5c	(Senate Academic Council)		<b>Date Approved</b>	<b>Contact Person Name</b>	
	Health Care Colleges Council (if applicable)				
	Undergraduate Council		3/5/19	Joanie Ett-Mims	

### 3C Curriculum

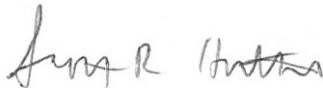
Current Curriculum	Proposed Curriculum	Changes
<p><i>The minor in Statistics is aimed specifically at social and life science students, as well as students in the traditional mathematical sciences. A minimum of 16 hours of course work is required to complete the minor, as follows:</i></p>		<p>No change</p>
<p>Complete one of the following (3 credit hours):  <b>STA 296</b> Statistical Methods and Motivations  <b>STA 321</b> Basic Statistical Theory I  <b>STA 525</b> Introductory Statistical Inference</p> <p>Complete one of the following (3 credit hours):  <b>STA 281</b> Probability and Statistics Using Interactive Computer Techniques  <b>STA 320</b> Introductory Probability  <b>STA 524</b> Probability</p> <p>Plus  <b>STA 570</b> Basic Statistical Analysis (4ch)</p>	<p>Complete one of the following (3 credit hours):  <b>STA 296</b> Statistical Methods and Motivations  <b>STA 321</b> Basic Statistical Theory I  <b>STA 525</b> Introductory Statistical Inference</p> <p>Complete one of the following (3 credit hours):  <b>STA 281</b> Probability and Statistics Using Interactive Computer Techniques  <b>STA 320</b> Introductory Probability  <b>STA 524</b> Probability</p> <p>Plus  <b>STA 570</b> Basic Statistical Analysis (3ch)</p>	<p>STA 570 is being changed from 4 credit hours to 3 credit hours. Course change is already in Curriculog.</p>
<p>Complete one additional STA course approved by the Director of Undergraduate Studies ..... 3 - 4</p> <p>Complete one course from the student's area approved by the Director of Undergraduate Studies ..... 3-4</p>	<p>Complete one additional STA course approved by the Director of Undergraduate Studies ..... 3 - 4</p> <p>Complete one course from the student's area approved by the Director of Undergraduate Studies ..... 3-4</p>	<p>No Change</p>
<p><b>Total Credit Hours 16-18</b></p>	<p><b>Total Credit Hours 15-17</b></p>	

January 25, 2019

Dear Undergraduate Council,

On behalf of the faculty of the College of Arts and Sciences, the Education Policy Committee discussed and approved the changes to the Undergraduate Minor in Statistics 9:0:0 on Tuesday, January 22, 2019.

Sincerely,



Scott Hutson  
Chair, Education Policy Committee



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859 257-6115  
fax 859 323-1973  
[www.statistics.uky.edu](http://www.statistics.uky.edu)

January 14<sup>th</sup>, 2019

As Department Chair, this letter confirms that the Statistics faculty were consulted and unanimously approved (12-0) the changes to the Minor in Statistics on 12/5/18.

Sincerely,

A handwritten signature in blue ink, appearing to read "Arnold J. Stromberg". The signature is written in a cursive style and is positioned above the printed name.

Dr. Arnold J. Stromberg  
Professor and Chair