

**CHANGE MASTERS DEGREE PROGRAM FORM**  
Signature Routing Log

General Information:

Proposal Name: Master of Science in Statistics, Biostatistics Track

Proposal Contact Person Name: Arne Bathke


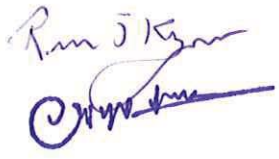
Phone: 859.257.3610

Email: arne@uky.edu


**INSTRUCTIONS:**

Identify the groups or individuals reviewing the proposal; note the date of approval; offer a contact person for each entry; and obtain signature of person authorized to report approval.

Internal College Approvals and Course Cross-listing Approvals:

Reviewing Group	Date Approved	Contact Person (name/phone/email)	Signature
Dr. Arnold Stromberg, Chair, Statistics	15-Nov 2010	Arnold Stromberg / 257-6115 / astro11@email.uky.edu	
Dr. Richard Kryscio, Chair, Biostatistics	15-Nov 2010	Richard Kryscio / 257-4064 / kryscio@email.uky.edu	
<i>EPC</i>	<i>12/7/10</i>	<i>ganpaty@meritky @uky.edu 7-4779</i>	<i>ganpaty</i>
<i>AS Dean</i>	<i>12/7/10</i>	<i>Arne Bathke bathke@uky.edu 7-6689</i>	<i>Arne Bathke</i> <i>12/10/10 6c</i>

External-to-College Approvals:

Council	Date Approved	Signature	Approval of Revision <sup>4</sup>
Undergraduate Council			
Graduate Council			2011.02.11 09:14:40 -05'00'
Health Care Colleges Council			
Senate Council Approval			
		University Senate Approval	

Comments:

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<sup>4</sup> Councils use this space to indicate approval of revisions made subsequent to that council's approval, if deemed necessary by the revising council.

# CHANGE MASTERS DEGREE PROGRAM FORM

## 1. GENERAL INFORMATION

College: Arts and Sciences Department: Statistics  
Current Major Name: Statistics Proposed Major Name: [same]  
Current Degree Title: Master of Science in Statistics, Biostatistics Track Proposed Degree Title: [same]  
Formal Option(s): Proposed Formal Option(s):  
Specialty Fields w/in Formal Option: Proposed Specialty Fields w/in Formal Options:  
Date of Contact with Associate Provost for Academic Administration<sup>1</sup>: 15-Nov 2010  
Bulletin (yr & pgs): Graduate Bulletin 2010, p.342 CIP Code<sup>1</sup>: 27.0501 Today's Date: 15-Nov 2010  
Accrediting Agency (if applicable): SACS  
Requested Effective Date:  Semester following approval. OR  Specific Date<sup>2</sup>:  
Dept. Contact Person: Arne Bathke Phone: 859.257.3610 Email: arne@uky.edu

## 2. CHANGE(S) IN PROGRAM REQUIREMENTS

	<u>Current</u>	<u>Proposed</u>
1. Number of transfer credits allowed	As of 2009, the Graduate School limit of 9 hours or 25% of course work	
2. Residence requirement (if applicable)		
3. Language(s) and/or skill(s) required		
4. Termination criteria		
5. Plan A Degree Plan requirements <sup>3</sup> (thesis)		
6. Plan B Degree Plan requirements <sup>3</sup> (non-thesis)		
7. Distribution of course levels required	CPH 664 must be at least level B	
8. Required courses (if applicable)	CPH 664	STA 653
9. Required distribution of courses within program (if applicable)		
10. Final examination requirements		

<sup>1</sup> Only the Department Chair or Chair Elect MAY contact the Associate Provost for Academic Administration (APAA). If you do not know the CIP code, the APAA website (http://www.uky.edu/apaa) during the semester of the proposed change is the best resource. Changes will be made effective only if approved by the APAA. No changes will be made effective until all approvals are received.  
<sup>2</sup> Specific dates should be provided for the proposed change. Changes should be effective only if approved by the APAA.  
<sup>3</sup> The Graduate School website (http://www.uky.edu/graduate) provides information on the Plan A and Plan B degree plans. The Graduate School website also provides information on the Graduate School's policies regarding transfer credits.

## CHANGE MASTERS DEGREE PROGRAM FORM

11. Explain whether the proposed changes to the program (as described in sections 1 to 10) involve courses offered by another department/program. Routing Signature Log must include approval by faculty of additional department(s).

Yes, see email exchange below. Richard Kryscio is Biostatistics Chair, Richard Charnigo is Biostatistics DGS.

Von: RJCharn2@aol.com [RJCharn2@aol.com]

Gesendet: Freitag, 29. Oktober 2010 09:35

An: Bathke, Arne C; Rayens, William S; Stromberg, Arnold; Kryscio, Richard

Cc: Bush, Heather M

Betreff: Re: 2011-2012 teaching

Hi Arne

In fact, the intention was precisely that STA students in the biostatistics track should take STA 653 --- not CPH 664. That's why STA 653 runs in the Spring and CPH 664 runs in the Fall.

Rich

In a message dated 10/29/2010 8:59:18 A.M. Eastern Daylight Time, arne@email.uky.edu writes:  
Hi Rich and Dick,

Another question that came to mind recently:

In Spring 2010, we had STA 653 substitute for CPH 664 because the latter was not offered. It appears that CPH 664 is now typically offered in Fall. Shall we have students take STA 653 generally in Spring of Year 1?

The only long-term alternative that I see would be having the Biostatistics track students take STA 632 in the same semester when they take STA 603, but this might not be ideal.

So, unless there are objections and alternatives, I will advise those students interested in the Biostatistics track to take STA 653 in Spring 2011.

Best,  
Arne.

12. List any other requirements not covered above?

A student who takes both STA 653 and CPH 664 may only receive credit towards the degree for one of these two courses.

13. Please explain the rationale for changes. If the rationale involves accreditation requirements, please include specific references to those requirements.

We recently revised the MSc program in Statistics, the first class in the new program entered Fall 2009. The new program has two tracks. The biostats track requirement includes taking CPH 664 in the second semester of the program. This course was taken by our students together with students from CPH, which was not effective for either group. The proposed change replaces CPH 664 by STA 653. The latter course is only taken by graduate students in STA. Also, because of the similarity of the courses, a student who takes both STA 653 and CPH 664, may only receive credit towards the degree for one of these two courses.

See

[http://www.as.uky.edu/academics/departments\\_programs/Statistics/Statistics/Graduate/Pages/MastersProgram.aspx](http://www.as.uky.edu/academics/departments_programs/Statistics/Statistics/Graduate/Pages/MastersProgram.aspx) for the new wording of the details.

## Burnell, Joni M

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**From:** Bathke, Arne C  
**Sent:** Tuesday, April 19, 2011 11:14 PM  
**To:** Burnell, Joni M  
**Cc:** Brothers, Sheila C  
**Subject:** Re: Proposed Program Change to MS Statistics (BioStat track)

Dear Joni and Sheila,

Thank you very much for your close look at our program change.

In future, students should take STA 653 instead of CPH 664 as a core requirement. They could still take CPH 664 as an elective, but we are trying to discourage that due to the similarity of the two courses. Therefore, a student who takes STA 653 as a core course, and CPH 664 as an elective, will not receive credit for both.

Does that clarify it? If not, please let me know and I'll elaborate more. We've had lengthy discussions on this topic in faculty meetings involving both Statistics and Biostatistics faculty, and this seemed to be the most effective solution.

All the best,  
Arne

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**Von:** Burnell, Joni M  
**Gesendet:** Dienstag, 19. April 2011 15:57  
**An:** Bathke, Arne C  
**Cc:** Brothers, Sheila C  
**Betreff:** Proposed Program Change to MS Statistics (BioStat track)

Hello,

I'm writing regarding the proposed program change to the MS Statistics Degree Program (attached).

We need to clarify what the actual change is for this program. There is ambiguity in some of the language and we want to make sure we are clear before we move it forward for approval. Is the actual change simply that we are now requiring STA 653, and no longer requiring CPH 664? That is typically what Q2(8) refers to, however, the language following on questions 11, 12, and 13 are inconsistent with that. For instance Q12 states "A student who takes both STA 653 *and* CPH 664 may only receive credit towards the degree for one of these two courses." The question arises – Why would a student take CPH 664 then, if then taking the required STA 653 negates credit for it? Is CPH 664 being dropped from the program altogether? Is the intention to drop CPH 664 as a required course, or is a student to choose one or the other as a requirement depending on their academic track?

*Please clarify the proposed change to this program.*

*Joni Burnell  
Office of the Senate Council  
[joni.burnell@uky.edu](mailto:joni.burnell@uky.edu)*