




UNIVERSITY OF KENTUCKY

TRANSMITTAL

DATE: April 25, 2003

TO: Angel Clark
Senate Council

FROM: Lissa Holland 
Graduate Council

The Graduate School
351 Patterson Office Tower
Lexington, KY 40506-0027
(859) 257-4613
Fax: (859) 323-1928
www.rgs.uky.edu/gsl/

The Graduate Council met on April 24, 2003, and approved the following:

COLLEGE OF ARTS AND SCIENCES

Statistics

University Scholar's Program – Statistics

Graduate programs in Statistics have historically attracted quantitatively advanced students from a number of different undergraduate majors, including the agricultural, behavioral, biological, physical, medical, and social sciences, as well as mathematics, engineering, and education. In an effort to better serve the most highly qualified students who are interested in developing a professional knowledge of the statistical sciences, the graduate faculty in Statistics is requesting to participate in the University Scholars program.

Undergraduate students from any major would be eligible for admission to the M.S. program in Statistics when they have earned at least 90 hours with an overall GPA of at least 3.2, with a GPA of 3.5 in mathematics and statistics courses, and have successfully completed the mathematics requirements for admission. The admission requirements are:

"The minimum GRE and GPA admissions requirements for the M.S. and Ph.D. programs in Statistics are the same as for the Graduate School. However, the number of admissions is limited and admissions decisions are made on a competitive basis. All M.S. applicants must have successfully completed a three- or four-semester sequence in calculus and a course in linear algebra and have good communication skills. Highly competitive students usually have additional course work in mathematics including a working knowledge of limits, continuity, sequences, and series. Prior course work in probability and/or statistics is desirable, but not required."



UNIVERSITY OF KENTUCKY

April 25, 2003

The Graduate School

*351 Patterson Office Tower
Lexington, KY 40506-0027*

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Dr. Jeffrey B. Dembo, Chair
Senate Council
153 Bowman Hall
CAMPUS 0059

Dear Dr. Dembo:

At its meeting on April 24, 2003, the Graduate Council approved, and recommends approval by the Senate Council, for the proposal from the College of Arts and Sciences to create a University Scholar's Program in Statistics.

Thank you for your attention to this request.

Sincerely yours,

A handwritten signature in black ink, appearing to read 'Douglass S. Kalika'.

Douglass S. Kalika, Acting Dean
The Graduate School

Enclosure (1)

lh

cc: Angel Clark
Jaque Hager



UNIVERSITY OF KENTUCKY

Memorandum

To: Douglass S. Kalika, Acting Dean
The Graduate School

From: Constance L. Wood, Chair
Department of Statistics

College of Arts and Sciences

Department of Statistics
817 Patterson Office Tower
Lexington, Kentucky 40506-0027
(859) 257-6115
Fax: (859) 323-1973
www.uky.edu

University Scholar's Program- M.S. in Statistics

April 8, 2003

Graduate programs in Statistics have historically attracted quantitatively advanced students from a number of different undergraduate majors, including the agricultural, behavioral, biological, physical, medical, and social sciences, as well as mathematics, engineering, and education. In an effort to better serve the most highly qualified students who are interested in developing a professional knowledge of the statistical sciences, the graduate faculty in Statistics is requesting to participate in the University Scholars program.

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“The minimum GRE and GPA admissions requirements for the M.S. and Ph.D. programs in Statistics are the same as for the Graduate School. However, the number of admissions is limited and admissions decisions are made on a competitive basis. All M.S. applicants must have successfully completed a three- or four-semester sequence in calculus and a course in linear algebra and have good communication skills. Highly competitive students usually have additional course work in mathematics including a working knowledge of limits, continuity, sequences, and series. Prior course work in probability and/or statistics is desirable, but not required.”

Following the tradition of the University Scholar's program, all applications will be reviewed by the Graduate Studies Committee and the Director of Graduate Studies and only highly qualified applicants will be recommended for admission. At the time of application, the chair of the department offering the undergraduate major will be contacted for approval. After admission to the Master's program, a student would take 12 hours of the Master's core courses which would count as electives toward the undergraduate degree or, with the concurrence of the undergraduate program, major requirements.

A University Scholar's program in Statistics represents a unique educational opportunity for students across the University who want to pursue graduate study in statistics either as a career path or as a complement to their undergraduate discipline. We hope to make this available to students starting Fall 2003.

ORIGINAL

An Equal Opportunity University



**Peter A. Perry, Professor
Chair, Mathematics**

Department of Mathematics
721 Patterson Tower
Lexington, Kentucky 40506-0027
(859) 257-6794, FAX (859) 257-4078
chair@ms.uky.edu

April 9, 2003

Dr. Constance Wood, Chair
Department of Statistics
817 Patterson Office Tower
Campus 0027

Dear Dr. Wood:

It is my pleasure to endorse the Statistics department's proposal for a University Scholar's program-M.S. in Statistics, and to pledge the Mathematics Department's support in offering courses which will serve students who pursue this option.

Sincerely yours,

A handwritten signature in black ink, appearing to read 'Peter A. Perry'. The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Peter A. Perry
Chair, Professor

Department of Biology
101 Morgan Building
Lexington, KY 40506-0225
Office: (859) 257-4711
Fax: (859) 257-1717
www.uky.edu

April 17, 2003

Constance Wood, Chair
Department of Statistics
University of Kentucky
CAMPUS 0027

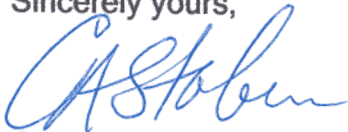
Dear Connie:

I appreciate the invitation to look over your proposal for a course of study in the University Scholars program that would yield a Masters of Science degree in Statistics for participating students. Our undergraduate curriculum focuses on biology, for which quantitative methods are central. Our students get solid grounding in concepts of biology and in experimental design with some statistical reasoning, which would make them good candidates for enrollment in the proposed program. Should your program be approved, we would advertise it to our students and facilitate their progress through the program.

I think that the University Scholars Program could also have an impact on producing MS in statistics students with solid bioinformatics grounding. This is an important program for UK that I fully support.

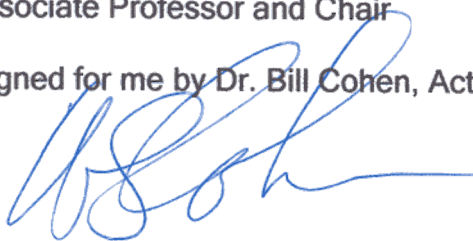
Thank you.

Sincerely yours,



Chuck Staben
Associate Professor and Chair

(signed for me by Dr. Bill Cohen, Acting Chair)



Bill Cohen, Acting Chair

April 17, 2003

Constance Wood, Chair
Department of Statistics
University of Kentucky
CAMPUS 0027

Department of Psychology
College of Arts and Sciences
115 Kastle Hall
Lexington, KY 40506-0044
Fax: (859) 323-1979
www.uky.edu

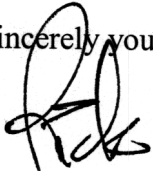
Dear Connie:

I appreciate the invitation to look over your proposal for a course of study in the University Scholars program that would yield a Masters of Science degree in Statistics for participating students. Our undergraduate curriculum focuses exclusively on scientific psychology, for which quantitative methods are central. Our students get solid grounding in research design and statistical reasoning, which would make them good candidates for enrollment in the proposed program. Should your program be approved, we would advertise it to our students and facilitate their progress through the program.

I hope the proposed program is approved.

Thank you.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Rick H. Hoyle". The signature is stylized and cursive.

Rick H. Hoyle, Ph.D.
Professor and Chair

Subject: Re: University Scholar's Program in Statistics
To: "Constance L. Wood" <cwood@uky.edu>

Dear Constance:

This is a very good idea. It will give one more option to our students. I checked with our directors of undergraduate and graduate studies and feel the same way.

Best wishes.

Issam

Issam E. Harik
Department of Civil Engineering
161A Raymond Building
University of Kentucky
Lexington, KY 40506-0281

Phone: 859-257-3116
Fax: 859-257-4404
e-mail: iharik@engr.uky.edu
web site: <http://www.engr.uky.edu/ktc/structures/>

"Constance L.
Wood" To: Issam E Harik
<iharik@engr.uky.edu>
<cwood@UKY.EDU> cc:
Subject: University Scholar's Program in Statistics
04/18/2003 11:49
AM

Harik, Statistics is proposing a University scholar's program for undergraduates at UK who are interested in our Master's program. We want to make this available to all undergraduates who are quantitatively oriented and want to pursue study in statistics. A copy of our proposal is attached.

The reason I am contacting you at this point is to see if you would be willing to approve such an option for your senior majors? We certainly