

ATTACHMENT 5B-1  
LETTER OF INTENT – 1  
(New Certificate or Degree Program)

1. Institution submitting request: University of Arkansas, Fayetteville
2. Education Program Contact person/title: Sharon Gaber, Provost and Vice Chancellor for Academic Affairs
3. Telephone number/e-mail address: 479/575-2151; sgaber@uark.edu
4. Proposed Name of Certificate or Degree Program: Ph.D. degree in Statistics and Analytics
5. Proposed Effective Date: Fall 2014
6. Requested CIP Code: 27.0501
7. Program Description: The Ph.D. in Statistics and Analytics will be a cross-college interdisciplinary program building on our current strengths in the Colleges of Agricultural, Food and Life Sciences; Arts and Sciences; Business; Education and Health Professions; and Engineering. It will build on our Master of Science degree in Statistics, which will be renamed Statistics and Analytics. Requirements for the Ph.D. will include a minimum of 72 hours of graduate coursework, 30 of which may be satisfied by the requirements for the M.S. degree, and a minimum of 18 hours of dissertation. The student will select one of six concentrations in Statistics; Business Analytics; Operations Analytics; Computational Analytics; Educational Statistics & Psychometrics; or Quantitative Social Sciences. In addition to four core courses that every student will be required to take (Regression I, Statistical methods, Multivariate Analyses, and Experimental Design), an advisory committee will help each student select course work which is most appropriate for his/her areas of research interest from courses currently taught on campus. We are not proposing to create new courses as we already have considerable strengths in each of the concentration areas across the colleges.
8. Mode of Delivery (mark all that apply):
  - On-Campus –
  - Off-Campus Location – 
    - Submit copy of e-mail notification to other Arkansas institutions of the proposed programs and their responses; include your reply to the institutional comments.
    - Submit copy of written notification to Higher Learning Commission (HLC) if notification required by HLC for a program offered at an off-campus location.
    - Indicate distance of proposed site from main campus.
  - Distance Technology (50% of program offered by distance technology) 
    - Submit copy of written notification to Higher Learning Commission if notification required by HLC for a program offered by distance technology.
9. List existing certificate or degree programs that support the proposed program:
  - Master of Science in Statistics, which will be renamed Statistics and

Analytics

- Master of Science in Agricultural Economics & Agribusiness
- Master of Science in Computer Engineering
- Master of Science in Industrial Engineering
- Ph.D. in Computer Science
- Ph.D. in Engineering with a concentration in Computer Engineering
- Ph.D. in Engineering with a concentration in Industrial Engineering
- M.S. and Ph.D. in Crop, Soil & Environmental Sciences
- Ph.D. in Educational Statistics & Research Methods
- M.A. and Ph.D. in Economics
- Master of Information Systems
- Ph.D. in Business Administration with a concentration in Information Systems
- M.S. and Ph.D. in Mathematics
- M.A. in Political Science
- M.A. and Ph.D. in Psychology
- M.A. in Sociology

10. President/Chancellor Approval Date:

11. Chief Academic Officer:

Date: