

ATTACHMENT 3C

Academic Policy Series

1622.20A

ADD, CHANGE OR DELETE UNIT, PROGRAM REQUIREMENTS, OR ACADEMIC POLICIES

Complete this form consistent with the instructions in Academic Policy 1622.20. Use the form to add, change, or delete a program or unit or to change program policies. Proposed additions and changes must be consistent with Academic Policies 1100.40 and 1621.10 and any other policies which apply.

SECTION I: Approvals

<hr/> Department / Program Chair	<hr/> Date Submitted	<hr/> Graduate Council Chair	<hr/> Date
<hr/> College Dean	<hr/> Date	<hr/> Faculty Senate Chair	<hr/> Date
<hr/> Honors College Dean	<hr/> Date	<hr/> Provost	<hr/> Date
<hr/> Core Curriculum Committee	<hr/> Date	<hr/> Board of Trustees Approval/Notification Date	
<hr/> University Course and Programs Committee	<hr/> Date	<hr/> Arkansas Higher Education Coordinating Board Approval/Notification Date	

SECTION II: Profile Data - Required Information and Name Change Information

Academic Unit: Major/Field of Study Minor X Other Unit **ESRM** _____ Policy
Level: Undergraduate Graduate Law Effective Catalog Year _____

Program changes are effective with the next available catalog. See Academic Policy Series 1622.20

Current Name **ESRM**

College, School, Division **EDUC**

Department Code _____

Current Code (6 digit Alpha) _____

Proposed Code (6 digit Alpha) _____

Prior approval from the Office of the Registrar is required.

Interdisciplinary Program

CIP Code _____

Prior assignment from Office of Institutional Research is required.

Proposed Name _____

When a program name is changed, enrollment of current students reflects the new name.

SECTION III: Add a New Program/Unit

For new program proposals, complete Sections II and VII and use as a cover sheet for a full program proposal as described in 'Criteria and Procedures for Preparing Proposals for New Programs in Arkansas.' ADHE

<http://www.adhe.edu/divisions/academicaffairs/Pages/academicaffairs.aspx>

Program proposal uses courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here: _____

SECTION IV: Eliminate an Existing Program/Unit

Code/Name Effective Catalog Year

No new students admitted to program after Term: ____ Year: _____

Allow students in program to complete under this program until Term: ____ Year: _____

SECTION V: Proposed Changes to an Existing Program or Program Policies

Insert here a statement of the exact changes to be made: **The graduate program in Educational Statistics and Research**

Methods (ESRM), that offers the PHD and several certificates, will be administratively moved from the Department of Curriculum and Instruction (CIED) to the Department of Rehabilitation, Human Resources, and Communication Disorders (RHRC). There is no change in staffing or curriculum.

Graduate catalog page 17, add PhD in Educational Statistics and Research Methods under RHRC departmental listing of programs

Change3

Narrative from page 99 needs to be cut and pasted into the RHRC section with a corresponding note to include that "ESRM, see the Department of Rehabilitation, Human Resources, and Communication Disorders, page xx."

The content to be moved from pages 99-101 includes that pasted below. This material should be pasted into the RHRC section of the Graduate Catalog that begins on page 159 of the 2012-2013 catalog.

Educational Statistics and Research Methods (ESRM)

George Denny

Program Leader

231 Graduate Education Building

479-575-7320

E-mail: gdenny@uark.edu

• Professors Denny, Lucas, Mulvenon, Stegman

• Associate Professor Turner

• Assistant Professors Dunn, Lo

<http://esrm.uark.edu>

Degrees Conferred:

M.S. in Educational Statistics and Research Methods (ESRM)

Ph.D. in Educational Statistics and Research Methods (ESRM)

Graduate Certificates Offered (non-degree):

Educational Program Evaluation (EDEV)

Educational Psychology (EPSY)

Educational Measurement (EDME)

Educational Statistics and Research Methods (ESRM)

The Educational Statistics and Research Methods program develops professionals in the areas of educational research methods and policy studies, both through courses and Independent research. Graduates can obtain employment with school districts, educational agencies, and industries with internal data analysis needs.

Prerequisites for Acceptance to the Master of Science Program in Educational Statistics and Research Methods: In addition to meeting University requirements for admission to the Graduate School, applicants must have earned a bachelor's degree with at least a 3.0 cumulative GPA on the last 60 hours of the baccalaureate degree and minimum scores on the Graduate Record Examinations the 48th percentile Verbal, the 56th percentile Quantitative and the 29th percentile on Analytic Writing. Higher performance on the quantitative component of the GRE may compensate for a lower GPA in admissions decisions.

Requirements for the Master of Science Degree: Graduates are required to satisfy the requirements of the Graduate School for a Master of Science degree. The degree requires 30 hours, consisting of these required courses (18 hours):

The Graduate School Departments and Course Descriptions

100 2012-13 Graduate Catalog, University of Arkansas, Fayetteville

ESRM 5013 Research Methods in Education

EDFD 5353 Philosophy of Education

EDFD 5373 Psychological Foundations of Teaching & Learning

ESRM 5393 Statistics in Education and Health Professions

ESRM 5653 Educational Assessment

EDFD 5683 Issues in Educational Policy

One course from the following (3 hours):

EDFD 5303 Historical Foundations of Modern Education

EDFD 5573 Life-Span Human Development

In addition to the courses listed, students are also required to complete these independent research requirements of ESRM 668V Research Practicum

(3 hours) and ESRM 600V Master's Thesis (6 hours), as well as pass a comprehensive

examination.

Prerequisites for Acceptance to the Graduate Certificate Programs: In addition to meeting University requirements for admission to the Graduate School, applicants must have earned a master's degree with a 3.25 cumulative GPA and minimum scores on the Graduate Record Examinations at the 48th percentile Verbal, the 56th percentile Quantitative and the 29th percentile on Analytic Writing OR be currently enrolled in a doctoral program at the University of Arkansas.

Certificate Requirements: 18 semester hours from the list of courses for a certificate with a grade-point average of 3.50.

Graduate Certificate in Educational Program Evaluation: The graduate certificate in Educational Program Evaluation recognizes students who take a concentrated core of courses focused on systematic and rigorous evaluation of educational programs and policies. Students who earn this certificate have a working knowledge of qualitative and quantitative evaluation procedures and can use these to plan, conduct, and report on evaluations.

Program of Study:

ESRM 6403 Educational Statistics and Data Processing
ESRM 6413 Experimental Design in Education
ESRM 6613 Evaluation of Policies, Programs, and Projects
ESRM 6533 Qualitative Research
ESRM 6633 Seminar: Survey Research Methods

One course from the following (3 hours):

ESRM 6423 Multiple Regression Techniques for Education
ESRM 6453 Applied Multivariate Statistics
ESRM 6543 Advanced Qualitative Research
ESRM 6653 Measurement and Evaluation
ESRM 699V Seminar (approved by ESRM faculty)

Graduate Certificate in Educational Psychology: The graduate certificate in Educational Psychology recognizes students who take a concentrated core of courses focused on educational psychology. Students who earn this certificate develop a foundational understanding of educational psychology theories, application of theory to educational practices and evaluation, and methods for identifying issues that arise in the learning process for learners of all ages.

Program of Study:

EDFD 5373 Psychological Foundations of Teaching and Learning
EDFD 5573 Lifespan of Human Development
EDFD 5673 Principles of Motivation
EDFD 5773 Advanced Topics in Educational Psychology

Two courses from the following (6 hours):

ESRM 6413 Experimental Design
ESRM 6423 Multiple Regression Techniques for Education
ESRM 6653 Measurement and Evaluation

Graduate Certificate in Educational Measurement: The graduate certificate develops professionals in the areas of measurement, testing, and assessment, through courses in the area of instrument development and research design. Graduates can obtain employment with educational agencies and industries with assessment and research analysis needs.

Program of Study:

ESRM 5653 Educational Assessment
ESRM 6403 Educational Statistics and Data Processing
ESRM 6653 Measurement and Evaluation
ESRM 6753 Advanced Measurement

One course from the following (3 hours):

ESRM 6613 Evaluation of Policies, Programs, and Projects
ESRM 6633 Seminar: Survey Research Methods

And one course from the following (3 hours):

ESRM 6413 Experimental Design
ESRM 6423 Multiple Regression Techniques for Education

Graduate Certificate in Educational Statistics and Research Methods:

The graduate certificate in Educational Statistics and Research Methods recognizes students who complete a core of courses focused on developing theoretical, application, and interpretative aspects of statistical techniques

and research methods. Graduate students completing this certificate will also develop comprehensive programming and data management skills necessary for today's academic researcher.

Program of Study:

ESRM 6403 Educational Statistics and Data Processing
ESRM 6413 Experimental Design in Education
ESRM 6423 Multiple Regression Techniques for Education
ESRM 6453 Applied Multivariate Statistics
One course from the following (3 hours):

ESRM 5653 Educational Assessment
ESRM 6653 Measurement and Evaluation

And one course from the following (3 hours):

ESRM 6513 Advanced Experimental Design
ESRM 6523 Advanced Multiple Regression
ESRM 6553 Advanced Multivariate Statistics

ESRM 699V Advanced Statistics Seminar: Approved by ESRM Faculty
Doctor of Philosophy in Educational Statistics and Research Methods: The increased emphasis on educational accountability and data-driven decision making to improve public school institutions, as well as greater reliance on empirical research and analysis in public policy and educational studies, have led to a greater need for experts in educational statistics and research methods. The Educational Statistics and Research Methods doctoral program develops professionals who can lead in these areas through coursework and independent research in educational statistics, research design, assessment, and program evaluation.

Admission Requirements for the Ph.D. Degree: In addition to meeting University requirements for admission to the Graduate School, applicants should have an earned master's degree with a minimum 3.25 GPA and scores on the Graduate Record Examinations at the 48th percentile Verbal, the 65th percentile Quantitative and the 48th percentile on Analytic Writing. Higher performance on the quantitative component of the GRE may compensate for a lower GPA in admissions decisions.

Requirements for the Ph.D. Degree: Students must complete all requirements of the Graduate School for the Doctor of Philosophy degree, and complete an approved program of study including a minimum of 36 credit hours of core courses, 9 hours of elective courses, and 18 credit hours of doctoral dissertation. Coursework must be completed with a cumulative grade average of at least 3.25, with no credit for courses with a grade of "C" or lower.

Required Courses:

The Graduate School Departments and Course Descriptions
2012-13 Graduate Catalog, University of Arkansas, Fayetteville 101

36 Hours of Core Courses

EDFD 5373 Psychological Foundations of Teaching & Learning
EDFD 5683 Issues in Educational Policy
ESRM 6403 Educational Statistics and Data Processing
ESRM 6413 Experimental Design in Education
ESRM 6423 Multiple Regression Techniques for Education
ESRM 6453 Applied Multivariate Statistics
ESRM 6513 Advanced Experimental Design
ESRM 6523 Advanced Multiple Regression
ESRM 6533 Qualitative Research
ESRM 6553 Advanced Multivariate Statistics
ESRM 6613 Evaluation of Policies, Programs and Projects
ESRM 6653 Measurement and Evaluation

9 Hours of Elective Courses from the following:

ESRM 5653 Educational Assessment
ESRM 6633 Survey Research Methods
ESRM 6753 Advanced Measurement
ESRM 699V Seminar: Categorical Data Analysis (3 hours)
ESRM 699V Seminar: Structural Equation Modeling (3 hours)

Other Math Department and Quantitative Courses approved by ESRM Faculty

18 hours of ESRM 700V Doctoral Dissertation

Educ Stats & Research Methods (ESRM)

ESRM 5013 Research Methods in Education (Sp, su, Fa) General orientation course

which considers the nature of research problems in education and the techniques used by investigators in solving those problems. Prerequisite: graduate standing. ESRM5393 Statistics In Education and Health Professions (Sp, su, Fa) Applied statistics course for Master's degree candidates. Includes concepts and operations for frequency distributions, graphing techniques, measures of central tendency and variation, sampling, hypothesis testing, and interpretation of statistical results. ESRM5653 Educational Assessment (Irregular) Introduction to measurement issues and basic test theory. Focus on types and usage of assessment tools, data management, and analysis and interpretation of educational data. Practical training in the utilization and interpretation of academic achievement data in Arkansas. ESRM599V Seminar (Irregular) (1-6) May be repeated for up to 6 hours of degree credit.

ESRM600V Master's Thesis (Sp, su, Fa) (1-6) May be repeated for up to 6 hours of degree credit.

ESRM806V Independent Study (Sp, Su, Fa) (1-6)

ESRM6403 Educational Statistics and Data Processing (Sp, Su, Fa) Theory and application of frequency distributions, graphical methods, central tendency, variability, simple regression and correlation indexes, chi-square, sampling, and parameter estimation, and hypothesis testing. Use of the computer for the organization, reduction, and analysis of data (required of doctoral candidates). Prerequisite: ESAM 5013 or equivalent.

ESRM5413 Experimental Design In Education (Sp) Principles of experimental design as applied to educational situations. Special emphasis on analysis of variance techniques used in educational research. Prerequisite: ESAM 6403 or equivalent. ESRM6423 Multiple Regression Techniques for Education (Fa) Introduction to multiple regression procedures for analyzing data as applied in educational settings, including multicollinearity, dummy variables, analysis of covariance, curvilinear regression, and path analysis. Prerequisite: ESRM 6403.

ESRM6453 Applied Multivariate statistics (Sp) Multivariate statistical procedures as applied to educational research settings including discriminant analysis, principal components analysis, factor analysis, canonical correlation, and cluster analysis. Emphasis on use of existing computer statistical packages. Prerequisite: ESRM 6413.

ESRM6513 Advanced Experimental Design (Irregular) Advanced topics of the general linear model, including hierarchical linear modeling and longitudinal analysis with a focus on developing the mathematical and theoretical basis for these methods. Prerequisite: ESRM 6413.

ESRM6523 Advanced Multiple Regression (Irregular) Advanced topics of correlational research methods, including logistic regression and path analysis with a focus on developing the mathematical and theoretical basis for these advanced methodological designs. Prerequisite: ESRM 6423.

ESRM6533 Qualitative Research (Sp, Fa) Introduction of non-quantitative methods, including data collection through interviews, field observation, records research, internal and external validity problems in qualitative research. Prerequisite: ESRM 6403.

ESRM6543 Advanced Qualitative Research (Sp) Preparation for the conduct of qualitative research, structuring, literature reviews, data collection and analysis, and reporting results. Prerequisite: ESRM 6533. May be repeated for up to 6 hours of degree credit.

ESRM6553 Advanced Multivariate Statistics (Irregular) Builds on the foundation provided in Multivariate and introduces techniques that extend methodological elements of canonical, discriminant, factor analytic, and longitudinal analyses, providing the mathematical and theoretical foundations necessary for these designs. Prerequisite: ESAM 6453.

ESRM6613 Evaluation of Policies, Programs, and Projects (Fa) Introduction to evaluation in social science research, including why and how evaluations of programs, projects, and policies are conducted; includes analysis of actual evaluations in a variety of disciplines. Prerequisite: ESAM 6403. (Same as EDAE 6213)

ESRM6623 Techniques of Research In Education (Sp, Su) Use of scientific method in attacking educational problems. Emphasis placed on the planning and design of research studies, collection of reliable and valid data, sampling methods, and analysis and interpretation of data. Prerequisite: ESRM 6403.

ESRM6633 Survey Research Methods (Even years, Sp) The course addresses all phases of conducting a survey research study, including conceptualization, sample selection, instrument development, and analysis and reporting of findings. Prerequisite: ESRM 6403.

ESRM6653 Measurement and Evaluation (Irregular) Fundamentals of measurement: scales, scores, norms, reliability, validity. Test and scale construction and item analysis. Standardized measures and program evaluation models in decision making. Prerequisite: ESRM 6403.

ESRM668V Practicum In Research (Irregular) (t-6) Practical experience in educational research on campus, in school systems, or in other agencies in educational program development

ESRM6753 Advanced Measurement (Odd years, Sp) Topics of measurement in the psychometric field focusing on modern test theory; item level and test level analyses including differential item functioning, test dimensionality, item response theory; computer adaptive testing, equating, and general evaluation and usage of measurement instruments. Prerequisite: ESRM 6653.

ESRM699V Seminar (Irregular) (1-6) Prerequisite: advanced graduate standing. May be repeated for up to 6 hours of degree credit.

ESRM700V Doctoral Dissertation (Sp, Su, Fa) (1-19) Prerequisite: Candidacy.

EDFD5303 Historical Foundations of Modern Education (Sp, Su) Critical analysis and interpretation of the historical antecedents of contemporary education, focusing upon the American experience from the colonial period to the present.

EDFD5353 Philosophy of Education (Irregular) Introduction to the method and attitude essential to effective analysis and interpretation of issues and values within a society reflecting cultural, ethnic, gender, and global diversity. Prerequisite: Graduate standing.

EDFD5373 Psychological Foundations of Teaching and Learning (Irregular) Psychological principles and research applied to classroom learning and instruction. Social, emotional, and intellectual factors relevant to topics such as readiness, motivation,

discipline, and evaluation in the classroom.

EDFD5S73 Life-Span Human Development (Sp, Su, Fa) Basic principles of development throughout the human life-cycle. Physical, cognitive, social, emotional, and personality development.

EDFD5673 Principles of Motivation (Sp) This course focuses on theories and concepts of human motivation. Students explore what motivates students to learn and examine strategies, techniques, and interventions that promote and sustain learner motivation.

EDFD56831 Issues in Educational Policy (Sp, Su, Fa) This course examines how K-12 education policy is designed and implemented in the United States. Students will develop a working knowledge of policymaking frameworks to examine major education policies of current interest and debate key policy issues that arise at each level of government.

EDFD5n3 Advanced Topics in Educational Psychology (Even years, Fa) This course provides an opportunity for advanced study of socio-cognitive variables that play a crucial role in working in administration, teaching, and the evaluation of the success of students and academic programs. Prerequisite: ESRM 6403 and EDFD

SECTION VIII: Action Recorded In Registrar's Office

PROGRAM INVENTORY/OARS

PGRM	SUBJ	CIP	CRTS
OGRE	PGCT	OFFC&CRTY	VALID

REPORTING CODES

PROG. DEF.	REQ. DEF.	Initials	Date
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Notification to:

(1) Alleg	(2) Department	(3) Admission	(4) Institutional Research	(5) Continuing Education	(6) Graduate School
(7) Treasurer	(8) Undergraduate Program Committee				

5/12/08

LETTER OF NOTIFICATION- 7

REORGAMZ4TIONOFEX TINGORGAMZ4TIONALUMTS

1. Institution submitting request: University of Arkansas, Fayetteville
2. Contact person/title: Sharon Gaber, Provost
3. Phone number/e-mail address: (479) 575-5459 / sgaber@uark.edu
4. Proposed effective date: Spring 2014
5. Name of current organizational unit: Educational Statistics and Research Methods in the Department of Curriculum and Instruction
6. Name of proposed unit: Educational Statistics and Research Methods in the Department of Rehabilitation, Human Resources, and Communication Disorders
7. Reason for proposed change: Moving the academic program of Educational Statistics and Research Methods (ESRM) from the Department of Curriculum and Instruction to the Department of Rehabilitation, Human Resources, and Communication Disorders (RHRC) will better align CIED as an all educator licensing unit, and will situate all of the graduate professional programs without undergraduate majors in the same academic unit. Additionally, moving ESRM to RHRC will create greater parity in the size of faculty assigned to each academic unit.
8. Provide current and proposed organizational chart. Attached as Chart 1 and Chart 2. Chart 1 shows ESRM as part of CIED, and Chart 2 shows ESRM assigned to RHRC.
9. If proposed changes result in a reallocation of funds, which departments/programs will receive the reallocated funds? The faculty and supporting maintenance funds assigned to support them will be reallocated from CIED to RHRC.

President/Chancellor Approval Date:

Board of Trustees Notification Date:

Chief Academic Officer:

Date:

Chart 1.
Current Structure

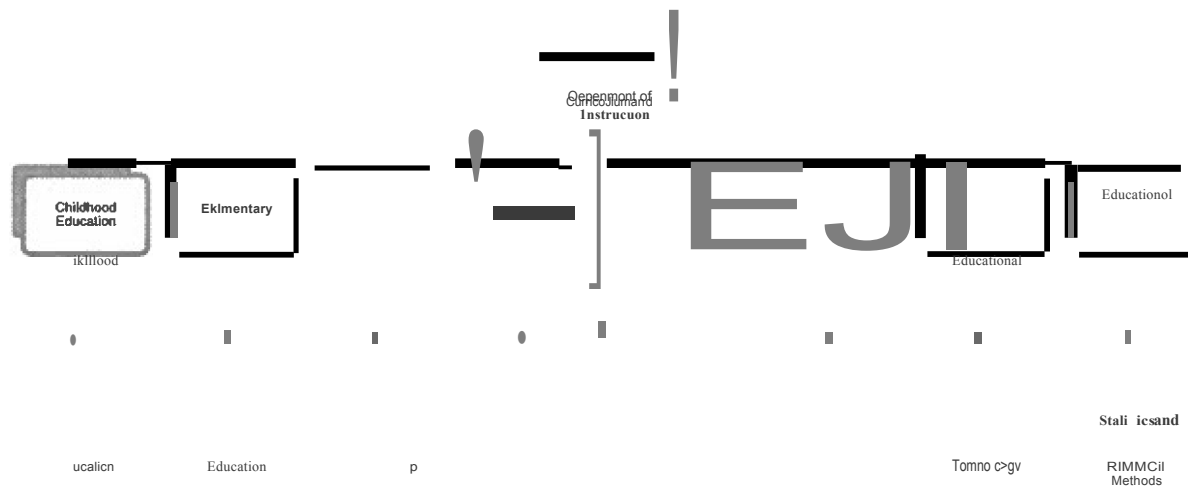


Chart 2.
Revised Placement

