Graduate Faculty Meeting Minutes
June 11, 2014, 10:00 – 11:00 am, AGLS 255

Present: Barry Boyd, Gary Briers, Scott Cummings, Kim Dooley, Deb Dunsford, Julie Harlin, Alvin Larke, James Lindner, Lori Moore, Summer Odom, John Rayfield, Tracy Rutherford, Andy Vestal, Jennifer Williams, Gary Wingenbach, Tim Murphy, Clarice Fulton

Not Present: James Christiansen, Chanda Elbert, Landry Lockett, Billy McKim, Theresa Murphrey, Manuel Pina, Jack Elliot, John Rayfield, Jeff Ripley, Robert Strong, Glen Shinn

Action/Discussion Items

1) Approval of Minutes from the February meeting – Tim Murphy
   Motion was made by Tracy Rutherford, Second by Deb Dunsford, to "Approve the February minutes as distributed." Motion passed unanimously. No meeting has taken place since February.

2) Graduate Admissions Discussions (Handout available at meeting) – Tim Murphy
   An open discussion was held about the admission of each applicant. <u>Faculty may access the AIMS Intranet (http://alecintranet.tamu.edu) system now and will have until June 25 at midnight to review applicants, vote, and indicate whether wish to be an IMA (interim major advisor).</u>

3) Graduate Curriculum Committee Report – Gary Briers - **No report at this time.**
   a. International Ag Course Rotation – Manuel Pina - **Dr. Pina was not present. No report at this time.**

4) Graduate Research Sequence Review Committee Report – Tim Murphy
   Dr. Murphy needed to excuse himself to attend a doctoral defense. Clarice reminded everyone that the summary report and the list of competencies for the Graduate Research Sequence revision were distributed as an email attachment last week. She reminded everyone to review the list and send any edits and/or additions to Dr. McKim (and copy Clarice) by Friday, June 27. The list will be compiled and then re-distributed for another review with changes/additions due back by July 11. This revised list will inform our Graduate Microburst.

Old Business
None at this time

New Business
None at this time.

Informational Items
   1) Joint D@D Cohort 7 Curriculum – ran out of time to inform
   2) AAHHE Outstanding Dissertation Competition (Attachment A) – Deadline August 15, 2014

Graduate Faculty Meeting Appendices (provided each month):
   1) Graduate Admission Criterion Score Calculation/GRE Percentile Rankings (Attachment B)
   2) Graduate Course Rotation/Steward (Attachment C)
   3) Five Year Course Rotation (Attachment D)
   4) Graduate Course Research Tools Sequence (Attachment E)

Travel Request Form Deadlines

Domestic (30 days prior to trip):   e.g. travel August 1, 2014 due by July 1, 2014
International (60 days prior to trip):   e.g. travel September 1, 2014 due by July 1, 2014

Upcoming Events/Meetings

June 24-27, 2014   ACE, Portland, OR
June 25-28, 2014   NACTA, Bozeman, MT
July 13-16, 2014   ALE, San Antonio, TX
August 26, 2014   Strategic Plan Microburst Mtg, 11:30 am (lunch provided)
August 27, 2014   Departmental Mtg, 10:00 am (Lunch provided at 11:30)
August 28, 2014   Strategic Plan Microburst Mtg, 7:30 am (Breakfast provided)
August 29, 2014   New Student Orientation
September 1, 2014   First Day of Fall Classes
September 15, 2014   Departmental Mtg, 8:15 am
September 23-25, 2014   AAAE Western, Hawaii
October 20, 2014   Departmental Mtg, 8:15 am

Future Graduate Faculty Meetings
TBA

**THE AMERICAN ASSOCIATION OF HISPANICS IN HIGHER EDUCATION (AAHHE)
AND EDUCATIONAL TESTING SERVICE (ETS)
OUTSTANDING DISSERTATIONS COMPETITION 2015**

Guidelines

The following guidelines and accompanying explanations are provided to ensure objectivity and the highest possible standards for the Dissertation Competition.

1. **Who is eligible to enter the competition?**

   The competition is open to anyone who has completed a dissertation that focuses on Hispanic(s) in higher education **or** to any Hispanic individual who has completed a dissertation in the social sciences, broadly defined, between December 2012 and August 1, 2014.

   Dissertations are eligible if they are in domains that are related to the ETS corporate mission, including education, linguistics, psychology, statistics, testing, and so forth. Studies using any research approach (historical, experimental, survey, qualitative, etc.) are eligible.

   Dissertations in the humanities, basic sciences, technology, engineering and mathematics are not eligible.

   Completion is defined as:
   - (a) received the doctoral degree between the specified dates
     OR
   - (b) satisfactorily completed all the course work and the dissertation between the dates specified and the dissertations are acceptable to the candidate's committee, but the degree has not been conferred.

   A routine check is made with the chair of the dissertation committee of the applicant to protect all competitors, the universities, the American Association of Hispanics in Higher Education and Educational Testing Service.

2. **What are the criteria used in evaluating the dissertations?**

   The following criteria will be used to evaluate the dissertations:

   - (a) appropriateness of the research approach used;

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(b)   significant impact it will make to the field;

(c)   creativity and innovation of the study;

(d)   scholarly quality of the dissertation which features:
        the research design and approach, data analysis, bibliography (current and appropriateness to the study); theoretical framework, comprehensiveness, integration and conceptualization;

(e)   significance of its contribution to knowledge in the field which includes: the discussion of findings, implications and contributions to the discipline.

3.   What is the first deadline for the competition?

August 15, 2014   Applicants submit via PDF (one document) a copy of dissertation abstract to the chair of the dissertations competition, Dr. Rebecca A. Robles-Piña: edu_rar@shsu.edu

THIS IS A VERY FIRM DEADLINE. ANY DISSERTATION ABSTRACTS RECEIVED <u>AFTER</u> THIS DATE WILL NOT BE CONSIDERED.

4.   How should the dissertation abstracts be prepared?

For the first round of judging, the applicant's dissertation is rated **SOLELY** upon the dissertation abstract submitted. These abstracts, then, must reflect accurately, concisely and precisely the research of the full dissertation.

The following directions must be used in the preparation of the abstract.

a. **Format**
   The abstract should include the following:

(1)   **Title page** – A sample title page is attached to these guidelines. Please provide all the information requested. One page in length.

(2)   **Letter** – A letter, on university stationery and signed by the chair of the dissertation committee, must indicate that the dissertation meets the eligibility criteria, defined earlier in these guidelines, and detail is essential. The letter must also state how the chair would rank the dissertation among previous dissertations he/she has chaired. Further, the Chair should address the evaluation criteria listed above.

(3)   **Summary** – On a separate page, include a summary, **approximately 150 words in length,** stating in non-technical terms, the purpose and major findings of the study. Double-spaced and one page in length.

(4)   **Main report section** – You should include the statement of the problem; the purpose of the study; definition of key terms; sampling techniques to include size, description,(if applicable); theoretical framework;

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hypotheses; overview of analysis of data (if applicable); main findings, conclusions; and implications.

THE MAIN REPORT SECTIONS SHOULD NOT EXCEED FIFTEEN (15) PAGES IN LENGTH, DOUBLE-SPACED.

(5) **Bibliography** – Include a complete reference to each item cited in the dissertation abstract. References for items not used in the abstract should not be included.

(6) **Appendix** – If the applicant requires additional space in which to present details of a research instrument, a theoretical point of view, or to elaborate on some other vital point, an appendix may be included. Not to exceed (3) three pages, double-spaced.

b. <u>**Length.**</u> The total abstract should not exceed twenty-five, double-spaced, 8 ½" x 11" pages, including all the sections mentioned above.

c. <u>**Writing Style**</u> – Your writing style should be clear, consistent, and concise. Particular care should be taken to ensure that each table, chart and/or figure is adequately explained.

5. <u>**Evaluation of Abstract (see page 6)**</u>

6. <u>**How many copies of the dissertation abstract are required?**</u>

A copy of the dissertation abstract should be sent via PDF format to:

Dr. Rebecca A. Robles-Piña: edu_rar@shsu.edu

7. <u>**What is the general procedure that will be used in the competition?**</u>

The judging, generally speaking, will be in two phases. The first phase will use the dissertation abstracts as a basis. The chair of the competition will send the abstracts to a Panel of Judges who will evaluate the abstracts. Each judge will be asked to submit to the chair of the competition a ranking of the top ten (10) abstracts.

Based on the judges' rankings, the Chair of the competition will determine the top ten (10) abstracts; these become the semifinalists. The Chair contacts the semifinalists and requests a copy of a complete dissertation to be submitted; this **document will be used as a basis for the second phase of the judging/evaluating** process by the panel of judges.

The Panel of Judges will convene to read, evaluate, and rank the complete dissertations and will determine the top three (3) dissertations.

A schedule, which outlines the process in more detail, is included in the **Important Dates** section that follows.

8. **What are the most important dates and deadlines?**

The schedule below, in addition to providing important dates and deadlines, provides additional information about the process.

August 15, 2014	Applicants submit via PDF (one document) format a dissertation abstract to the chair of the dissertations competition, Dr. Rebecca A. Robles-Pina: edu_rar@shsu.edu
September 13, 2014	Chair of the dissertations competition distributes abstracts to the Panel of Judges.
September 24,, 2014	Panel of Judges completes screening and advises the chair of rankings. Each judge identifies five (5) top dissertation abstracts.
October 7, 2014	Chair of the dissertations competition determines the top ten (10) abstracts and advises all entrants of the results. In effect, these are the semifinalists.
October 11, 2014	Semifinalists send a copy of complete dissertation in PDF or Word format to Terri Flowers at ETS: Tflowers@ets.org
October 16-18, 2014	Panel of Judges meets and selects the top three (3) dissertations.
October 21, 2014	Chair of the competition notifies three (3) finalists and the others not selected of results.
March 12-14, 2015	Winners are invited to participate in the tenth annual national conference of the American Association of Hispanics in Higher Education, in Dallas, Texas.
March 14, 2015	The outstanding dissertations competition winners for 2015 are announced at the awards luncheon at the eighth annual national conference of the American Association of Hispanics in Higher Education in Dallas, Texas.
April 3, 2015	Announcements of the competition and guidelines are sent to all individual members of the American Association of Hispanics in Higher Education and to the presidents of AAHHE institutional members. Announcement will be posted on the website of both AAHHE and ETS. Announcements will be advertised in the *Journal of Hispanic Higher Education, Hispanic Outlook of Higher Education* and other journals. ETS

will announce the competition to its constituencies.

9. **What recognition will be given to the winners?**

    There will be two types, or levels, of winners:

    > (1)   The semifinalists–the writers of the top ten (10) dissertation abstracts, from which the three (3) finalists are selected, and

    > (2)   The three (3) finalists–the writers of the dissertations selected by the Panel of Judges as first, second and third place winners.

The three (3) finalists will be recognized formally at the annual awards luncheon during AAHHE's **tenth** annual conference in Dallas, Texas, March 12-14, 2015.

The American Association for Hispanics in Higher Education will pay for travel expenses within the continental United States for the three (3) finalists, to include hotel room for two (2) nights and per diem for two (2) days. The Association will also pay the registration costs for the finalists at the conference.

The first place winner will receive an award of $5,000. The second place winner will receive an award of $2,000, and the third place winner will receive an award of $1,000. All three finalists will receive an AAHHE/ETS plaque.

The three AAHHE finalists will also present their dissertations in individual concurrent sessions at the conference. The American Association for Hispanics in Higher Education will also ask the three (3) finalists to submit to the *Journal of Hispanic Higher Education*, an academic article based on the dissertation.

ETS will invite one of the winners to publish the essence of the winning dissertation in an appropriate ETS publication and to showcase the research at a seminar hosted by ETS in Princeton, New Jersey.

10. **Who makes the final decision?**

    All decisions by the Panel of Judges are final.

AAHHE DISSERTATION ABSTRACT RATING RUBRIC

Poor Inadequate		Adequate		Excellent Stellar
1	2	3	4	5

Dimensions Evaluated	Comments/Dimensions Score
Conceptualization • Comprehensiveness of questions • Added contribution to the field	____/5
Research Design • Soundness of research design	____/5
Discussion of Findings • Generalizability • Applicability	____/5
Significance/Impact • Applicability • Contribution to the field	____/5
Scholarly Presentation • Rationale • Design	____/5

Judge's Name: _____

Applicant Name: _____   **Total _____/25**

AMERICAN ASSOCIATION OF HISPANICS IN HIGHER EDUCATION (AAHHE)
AND
EDUCATIONAL TESTING SERVICE (ETS)

OUTSTANDING DISSERTATIONS COMPETITION 2015

TITLE PAGE

Name: _____

Address:_____   Preferred Phone: _____

_____   Email: _____

Current University or Employer Affiliation: _____

Address: _____

Your Current Title: _____

Title of Dissertation In Full:

_____

_____

Name of Institution Granting Degree:

_____

Address:_____

_____

Dissertation Chair:_____

Chair's Email:_____ Chair's Phone: _____

Doctoral Advisor if different from Dissertation Chair: _____

Advisor's Email: _____ Advisor's Phone: _____

Date on which doctoral degree was conferred:

Month: _____ Day: _____ Year: _____

Date on which defense of completed dissertation was held (if doctoral degree not yet conferred):

Month: _____ Day: _____ Year: _____

GRE SCORES and PERCENTILE RANKS

PREV SCORE	NEW SCORE Q	QUANT %	NEW SCORE V	VERBAL %
800	166	93	170	99
790	164	89	170	99
780	163	87	170	99
770	161	81	170	99
760	160	78	170	99
750	159	75	169	99
740	158	72	169	99
730	157	69	168	98
720	156	65	168	98
710	155	61	167	97
700	155	61	166	96
690	154	57	165	95
680	153	53	165	95
670	152	49	164	93
660	152	49	164	93
650	151	45	163	91
640	151	45	162	89
630	150	41	162	89
620	149	37	161	87
610	149	37	160	84
600	148	33	160	84
590	148	33	159	81
580	147	29	158	78
570	147	29	158	78
560	146	25	157	73
550	146	25	156	70
540	145	22	156	70
530	145	22	155	66
520	144	18	154	62
510	144	18	154	62
500	144	18	153	58
490	143	15	152	53
480	143	15	152	53
470	142	13	151	49
460	142	13	151	49
450	141	11	150	44
440	141	11	149	40
430	141	11	149	40
420	140	8	148	36
410	140	8	147	32
400	140	8	146	28
390	139	6	146	28
380	139	6	145	24
370	138	5	144	21
360	138	5	143	18
350	138	5	143	18
340	137	3	142	15
330	137	3	141	12
320	136	2	140	10
310	136	2	139	7
300	136	2	138	6
290	135	2	137	5
280	135	2	135	2
270	134	1	134	2
260	134	1	133	1
250	133	1	132	1
240	133	1	131	1
230	132	1	130	0
220	132	0	130	0
210	131	0	130	0
200	131	0	130	0

SCORE	WRITING %
6.0	99
5.5	97
5.0	93
4.5	78
4.0	54
3.5	35
3.0	14
2.5	6
2.0	2
1.5	1
1.0	0
0.5	0
0.0	0

ALEC Criterion Score Calculation

(GRE-V %ile + GRE-Q %ile + GRE-W %ile) + (GPR x 100)

Master's Minimum to be considered: 350

Doctoral Minimum to be considered: 400

Old Test Minimums

Master's Applicants

GRE-Q	GRE-V	Writing	Last 60 hrs. GPR
500	410	4	3.1

Doctoral Applicants

GRE-Q	GRE-V	Writing	Graduate GPR
500	450	4	3.7

New Test - Highly Competitive Scores

Master's Applicants

GRE-Q	GRE-V	Writing	Last 60 hrs. GPR
26%	36%	41%	3.1
146	148	4	

Doctoral Applicants

GRE-Q	GRE-V	Writing	Graduate GPR
26%	48%	41%	3.7
146	151	4	

If your scores and GPA meet each category above for the degree of interest, your application will be considered highly competitive and you may be admitted without a faculty vote. However, you must still have a faculty member to agree to serve as your interim major advisor (IMA).

Grad Course Sequencing
Department of Agricultural Leadership, Education, & Communications

o = odd years; e = even years

Fall Course and Title		Steward
ALEC 602 (o, e)	Advanced Instructional Design in Agricultural Science	Harlin
ALEC 605 (o, e)	Facilitating Complete Secondary Agricultural Science Programs	Rayfield
ALEC 606 (o, e)	Leadership Education Theory	Elbert
ALEC 610 (o, e)	Principles of Adult Education (Campus)	Lindner
ALEC 611 (o, e)	Advanced Methods in Distance Education (Web-based)	Dooley
ALEC 615 (o, e)	Philosophy of Agricultural Education (Web-Enhanced)	Murphy
ALEC 616 (o, e)	Facilitation of Leadership Programs	Odom
ALEC 618 (o, e)	(Proposed course) Cross Cultural Perspectives on Leadership	Elbert
ALEC 621 (o)	Methods of Online Survey Research in Agricultural Science	Wingenbach
ALEC 623 (o, e)	Survey of Evaluation Strategies for Agriculture (Campus & WBased)	Murphrey
ALEC 624 (o, e)	Developing Funded Research Projects (Doctoral only)	Pina
ALEC 640 (o, e)	Methods of Technological Change (Campus & Web-based)	Strong
ALEC 644 (o, e)	The Agricultural Advisor in Developing Nations	Pina
ALEC 681 (o, e)	Seminar (topics change by semester; can be taken more than once)	Murphy
ALEC 690 (o, e)	Theory of Agricultural Education Research (Basic Quant)	Briers
ALEC 691 (o, e)	Research for MS/PhD	
ALEC 692 (o, e)	Research for EdD	
ALEC 693 (o, e)	Professional Study for MAg	
ALEC 695 (o, e)	Frontiers in Research (Campus & Web-based)	Murphy

Spring Course and Title		Steward
ALEC 601 (o, e)	Advanced Methods in Agricultural Education	Murphy
ALEC 602 (o, e)	Advanced Instructional Design in Agricultural Science	Harlin
ALEC 604 (o, e)	Writing for Professional Publication	Rutherford
ALEC 605 (o, e)	Facilitating Complete Secondary Agricultural Science Programs	Rayfield
ALEC 607 (e)	Youth Leadership Programs (Web-based)	Boyd
ALEC 608 (o, e)	Leadership of Volunteers	Lockett
ALEC 609 (o, e)	Learning Organizations	Moore
ALEC 610 (o, e)	Principles of Adult Education (Web-based)	Lindner
ALEC 612 (o, e)	Advanced Instructional Design for Online Learning (Web-based)	Murphrey
ALEC 613 (o, e)	Techniques in eLearning Development & Delivery (Web-based)	Strong
ALEC 620 (o, e)	Instrumentation and Survey Research Methods	Lindner
ALEC 622 (o, e)	Data Collection, Analysis and Interpretation	Briers
ALEC 624 (o)	Developing Funded Research Projects (Masters only)	Pina
ALEC 625 (o, e)	Program Evaluation & Org Accountability (Campus & Web-based)	Elbert
ALEC 630 (o, e)	Guidance and Counseling for Rural Youth	Larke
ALEC 640 (o, e)	Methods of Technological Change (Campus & Web-based)	Strong
ALEC 645 (o, e)	Initiating, Managing & Monitoring Projects of International ADEV	Pina
ALEC 646 (e)	Institutions Serving Agriculture in Developing Nations	Wingenbach
ALEC 652 (o)	Images of Agriculture: Visual Communication Research	Rutherford
ALEC 681 (o, e)	Seminar (topics change by semester; can be taken more than once)	

ALEC 691 (o, e)	Research for MS/PhD	
ALEC 692 (o, e)	Research for EdD	
ALEC 693 (o, e)	Professional Study for MAg	
ALEC 695 (o, e)	Frontiers of Research (Campus & Web-based)	Murphy
ALEC 696 (o, e)	Qualitative Research Methods (Campus & Web-based)	Dooley

Summer Course and Title (Proposed list)		Steward
ALEC 603 (o, e)	Experiential Learning	Rayfield
ALEC 617 (o, e)	Leadership in Organizational Culture & Ethics (Web-based)	Williams
ALEC 625 (e)	Program Evaluation & Org Accountability (Campus & Web-based)	Elbert
ALEC 631 (o, e)	Development and Planning of Community Education Programs	Cummings

This document is intended for planning purposes. Course offerings are subject to change and it is recommended that students visit with their advisors and course instructors to determine exact offerings for specific semesters. Summer course offerings will be subject to available funding.

Last Updated, November 2013

Agricultural Leadership, Education, & Communications Graduate Course Offering Schedule (Five Year)

	2013-14	2014-15	2015-16	2016-17	2017-18
FALL	ALEC 602 Adv Instructional Design in AGSC (Harlin)	ALEC 602 Adv Instructional Design in AGSC (Harlin)	ALEC 602 Adv Instructional Design in AGSC	ALEC 602 Adv Instructional Design in AGSC	ALEC 602 Adv Instructional Design in AGSC
	ALEC 605 Facilitating Comp Secondary AGSC Programs (Rayfield)	ALEC 605 Facilitating Comp Secondary AGSC Programs (Rayfield)	ALEC 605 Facilitating Comp Secondary AGSC Programs	ALEC 605 Facilitating Comp Secondary AGSC Programs	ALEC 605 Facilitating Comp Secondary AGSC Programs
	ALEC 606 Leadership Education Theory (Elbert)	ALEC 606 Leadership Education Theory (Elbert)	ALEC 606 Leadership Education Theory	ALEC 606 Leadership Education Theory	ALEC 606 Leadership Education Theory
	ALEC 610 Principles of Adult Education (Lindner)	ALEC 610 Principles of Adult Education (Lindner)	ALEC 610 Principles of Adult Education	ALEC 610 Principles of Adult Education	ALEC 610 Principles of Adult Education
	ALEC 611 Adv Methods in Distance Ed (Dooley) [1]	ALEC 611 Adv Methods in Distance Ed (Dooley) [1]	ALEC 611 Adv Methods in Distance Ed [1]	ALEC 611 Adv Methods in Distance Ed [1]	ALEC 611 Adv Methods in Distance Ed [1]
	ALEC 615 Philosophy of AGED (Murphy)	ALEC 615 Philosophy of AGED (Murphy)	ALEC 615 Philosophy of AGED	ALEC 615 Philosophy of AGED	ALEC 615 Philosophy of AGED
	ALEC 616 Facilitation of Leadership Programs (Odom)	ALEC 616 Facilitation of Leadership Programs (Odom)	ALEC 616 Facilitation of Leadership Programs	ALEC 616 Facilitation of Leadership Programs	ALEC 616 Facilitation of Leadership Programs
	ALEC 621 Methods of Online Survey Research in AGSC (Wingenbach)	ALEC 623 Survey of Evaluation Strategies for Agriculture (Murphrey)	ALEC 621 Methods of Online Survey Research in AGSC (Wingenbach)	ALEC 621 Methods of Online Survey Research in AGSC	ALEC 621 Methods of Online Survey Research in AGSC (Wingenbach)
	ALEC 623 Survey of Evaluation Strategies for Agriculture (Murphrey)	ALEC 623 Survey of Evaluation Strategies for Agriculture (Murphrey) [1]	ALEC 623 Survey of Evaluation Strategies for Agriculture	ALEC 623 Survey of Evaluation Strategies for Agriculture [1]	ALEC 623 Survey of Evaluation Strategies for Agriculture
	ALEC 623 Survey of Evaluation Strategies for Agriculture (Murphrey) [1]	ALEC 624 Developing Funded Research Projects (Pina)	ALEC 624 Developing Funded Research Projects	ALEC 624 Developing Funded Research Projects	ALEC 624 Developing Funded Research Projects
	ALEC 624 Developing Funded Research Projects-Doctoral only (Pina)	ALEC 640 Methods of Technological Change (Murphrey) [1]	ALEC 640 Methods of Technological Change [1]	ALEC 640 Methods of Technological Change [1]	ALEC 640 Methods of Technological Change [1]
	ALEC 640 Methods of Technological Change (Murphrey) [1]	ALEC 644 The Agricultural Advisor in Developing Nations (Pina)	ALEC 644 The Agricultural Advisor in Developing Nations	ALEC 644 The Agricultural Advisor in Developing Nations	ALEC 644 The Agricultural Advisor in Developing Nations
	ALEC 640 Methods of Technological Change (Strong)	ALEC 681 Seminar (McKim)	ALEC 681 Seminar	ALEC 681 Seminar	ALEC 681 Seminar
	ALEC 644 The Agricultural Advisor in Developing Nations (Pina)	ALEC 690 Theory of AGED Research-Basic Quant (Briers)	ALEC 690 Theory of AGED Research-Basic Quant	ALEC 690 Theory of AGED Research-Basic Quant	ALEC 690 Theory of AGED Research-Basic Quant
	ALEC 681 Seminar (Hanagriff)	ALEC 695 Frontiers in Research (Rayfield)	ALEC 695 Frontiers in Research	ALEC 695 Frontiers in Research	ALEC 695 Frontiers in Research
	ALEC 681 Seminar (Murphrey) [1]	ALEC 695 Frontiers in Research (Strong) [1]	ALEC 695 Frontiers in Research [1]	ALEC 695 Frontiers in Research [1]	ALEC 695 Frontiers in Research [1]
	ALEC 689 Sp Tp Leadership of Teams (Williams)				
	ALEC 689 Sp Tp Mentoring for Success (Odom)				
	ALEC 690 Theory of AGED Research-Basic Quant (Briers)				
	ALEC 695 Frontiers of Research (Rayfield)				
	ALEC 695 Frontiers of Research (Strong) [1 3]				

	2013-14	2014-15	2015-16	2016-17	2017-18
SPRING REGULAR SEMESTER	ALEC 601 Adv Methods in AGED (Murphy)	ALEC 601 Adv Methods in AGED	ALEC 601 Adv Methods in AGED	ALEC 601 Adv Methods in AGED	ALEC 601 Adv Methods in AGED
	ALEC 602 Adv Instructional Design in AGSC (Harlin)	ALEC 602 Adv Instructional Design in AGSC (Harlin)	ALEC 602 Adv Instructional Design in AGSC (Harlin)	ALEC 602 Adv Instructional Design in AGSC (Harlin)	ALEC 602 Adv Instructional Design in AGSC (Harlin)
	ALEC 605 Facilitating Comp Secondary AGSC Programs (Rayfield)	ALEC 605 Facilitating Comp Secondary AGSC Programs (Rayfield)	ALEC 605 Facilitating Comp Secondary AGSC Programs (Rayfield)	ALEC 605 Facilitating Comp Secondary AGSC Programs (Rayfield)	ALEC 605 Facilitating Comp Secondary AGSC Programs (Rayfield)
	ALEC 604 Writing for Professional Publication (Rutherford) [1][3]	ALEC 604 Writing for Professional Publication (Rutherford) [3]	ALEC 604 Writing for Professional Publication	ALEC 604 Writing for Professional Publication	ALEC 604 Writing for Professional Publication
	ALEC 606 Leadership Education Theory (Moore) [3]	ALEC 606 Leadership Education Theory (Moore)	ALEC 607 Youth Leadership Programs [1]	ALEC 608 Leadership of Volunteers	ALEC 607 Youth Leadership Programs [1]
	ALEC 607 Youth Leadership Programs (Moore) [1]	ALEC 608 Leadership of Volunteers	ALEC 608 Leadership of Volunteers	ALEC 609 Learning Organizations	ALEC 608 Leadership of Volunteers
	ALEC 608 Leadership of Volunteers (Lockett)	ALEC 609 Learning Organizations	ALEC 610 Principles of Adult Education (Lindner) [1]	ALEC 610 Principles of Adult Education (Lindner) [1]	ALEC 610 Principles of Adult Education (Lindner) [1]
	ALEC 609 Learning Organizations (Moore) Cancelled	ALEC 610 Principles of Adult Education (Lindner) [1]	ALEC 612 Adv Instructional Design for Online Learning [1]	ALEC 612 Adv Instructional Design for Online Learning [1]	ALEC 612 Adv Instructional Design for Online Learning [1]
	ALEC 610 Principles of Adult Education (Lindner) [1]	ALEC 612 Adv Instructional Design for Online Learning [1]	ALEC 613 Techniques in eLearning Dev & Delivery [1]	ALEC 613 Techniques in eLearning Dev & Delivery [1]	ALEC 613 Techniques in eLearning Dev & Delivery [1]
	ALEC 612 Adv Instructional Design for Online Learning (Murphrey) [1]	ALEC 613 Techniques in eLearning Dev & Delivery [1]	ALEC 622 Data Collection, Analysis, & Interpretation	ALEC 620 Instrumentation & Survey Research Methods (Lindner)	ALEC 622 Data Collection, Analysis, & Interpretation
	ALEC 613 Techniques in eLearning Dev & Delivery (Strong) [1]	ALEC 620 Instrumentation & Survey Research Methods (Lindner)	ALEC 625 Program Evaluation & Organizational Accountability [1]	ALEC 622 Data Collection, Analysis, & Interpretation	ALEC 625 Program Evaluation & Organizational Accountability [1]
	ALEC 620 Instrumentation & Survey Research Methods (Lindner)	ALEC 622 Data Collection, Analysis, & Interpretation	ALEC 625 Program Evaluation & Organizational Accountability	ALEC 624 Developing Funded Research Projects-Masters only (Pina)	ALEC 625 Program Evaluation & Organizational Accountability
	ALEC 622 Data Collection, Analysis, & Interpretation (Briers)	ALEC 624 Developing Funded Research Projects-Masters only (Pina)	ALEC 630 Guidance & Counseling for Rural Youth	ALEC 625 Program Evaluation & Organizational Accountability [1]	ALEC 630 Guidance & Counseling for Rural Youth
	ALEC 625 Program Evaluation & Organizational Accountability (Cummings)	ALEC 625 Program Evaluation & Organizational Accountability [1]	ALEC 645 Initiating, Managing & Monitoring Projects of International ADEV (Pina)	ALEC 625 Program Evaluation & Organizational Accountability	ALEC 645 Initiating, Managing & Monitoring Projects of International ADEV (Pina)
	ALEC 625 Program Evaluation & Organizational Accountability (Elbert) [1]	ALEC 625 Program Evaluation & Organizational Accountability	ALEC 646 Institutions Serving AG in Developing Nations	ALEC 630 Guidance & Counseling for Rural Youth	ALEC 646 Institutions Serving AG in Developing Nations
	ALEC 630 Guidance & Counseling for Rural Youth (Larke)	ALEC 630 Guidance & Counseling for Rural Youth	ALEC 652 Images of Agriculture: Visual Communication Research	ALEC 640 Methods of Technological Change [1]	ALEC 652 Images of Agriculture: Visual Communication Research
	ALEC 640 Methods of Technological Change (Murphrey) [1]	ALEC 640 Methods of Technological Change [1]	ALEC 681 Seminar	ALEC 645 Initiating, Managing & Monitoring Projects of International ADEV (Pina)	ALEC 681 Seminar
	ALEC 645 Initiating, Managing & Monitoring Projects of International ADEV (Pina)	ALEC 645 Initiating, Managing & Monitoring Projects of International ADEV (Pina)	ALEC 681 Seminar [3]	ALEC 681 Seminar	ALEC 681 Seminar [3]
	ALEC 646 Institutions Serving AG in Developing Nations (Pina)	ALEC 681 Seminar [1]	ALEC 695 Frontiers of Research	ALEC 695 Frontiers of Research	ALEC 695 Frontiers of Research
	ALEC 681 Seminar (Cummings)	ALEC 695 Frontiers of Research	ALEC 696 Qualitative Research Methods [1]	ALEC 696 Qualitative Research Methods [1]	ALEC 696 Qualitative Research Methods [1]
	ALEC 695 Frontiers of Research (Strong)	ALEC 696 Qualitative Research Methods [1]			
	ALEC 696 Qualitative Research Methods (Dooley) [1]				
	ALEC 696 Qualitative Research Methods (Lindner)				

	2013-14	2014-15	2015-16	2016-17	2017-18
Spring Winter Mini-mester	ALEC 640 Methods of Technological Change (Strong) [5] – Costa Rica	ALEC 640 Methods of Technological Change (Strong) [5] – Costa Rica			
SS I / Summer Mini-mester	Proposed courses ALEC 603 Experiential Learning (Rayfield) [4] ALEC 617 Leadership in Organizational Culture & Ethics (Williams) [1] ALEC 625 Program Evaluation & Organizational Accountability (Elbert) [1] Not offered ALEC 631 Development and Planning of Community Education Programs (Cummings) - Not offered	Proposed ALEC 603 Experiential Learning ALEC 617 Leadership in Organizational Culture & Ethics ALEC 625 Program Evaluation & Organizational Accountability [1] ALEC 631 Development and Planning of Community Education Programs	ALEC 603 Experiential Learning ALEC 617 Leadership in Organizational Culture & Ethics ALEC 631 Development and Planning of Community Education Programs	ALEC 603 Experiential Learning ALEC 617 Leadership in Organizational Culture & Ethics ALEC 625 Program Evaluation & Organizational Accountability [1] ALEC 631 Development and Planning of Community Education Programs	ALEC 603 Experiential Learning ALEC 617 Leadership in Organizational Culture & Ethics ALEC 631 Development and Planning of Community Education Programs
SS II	ALEC 604 Writing for Prof.Publication (Rutherford) [5] – Namibia				

1   Distance delivery as web-based
2   Delivery is web enhanced
3   For Joint Ed.D. program
4   Summer Mini-mester
5   Study Abroad

Updated May 2014

Agricultural Leadership, Education, and Communications (ALEC)
Graduate Degree Plan Required Research Sequence

The graduate faculty in ALEC wants to provide you the knowledge and skills to be a consumer and initiator of research. Graduate degrees assume a theoretical perspective, and the ability to conduct research-based inquiry. Degrees requiring original research require more advanced research tools and a knowledge of statistics. If you have previously taken some research coursework, you may proceed through the research sequence taking more advanced courses. If you have no research-related preparation, you may need leveling coursework. Provided below are the minimum requirements for Research Tools courses in the degree programs offered by the department. In addition to the required Research Tools courses, students in each graduate program ordinarily include the ALEC Graduate Seminar, and an appropriate amount of Research, Professional Study, or Internship credit on their Degree Plans. These requirements are summarized in the Table below.

M. Ed. or M. Ag.	M. S.	Ed. D.	Ph. D.
(3 Hours of Tools)	(6 Hours of Tools)	(12 Hours of Tools)	(18 Hours of Tools)
ALEC 695	Basic Quant **OR** Basic Qual	Basic Quant	Basic Quant
	STAT I	Basic Qual.	Basic Qual.
		STAT I **OR** STAT II	STAT I
ALEC 684 OR ALEC 693	ALEC 681 (1 hr.)	Advanced Quant.	STAT II
	ALEC 691 (4 hrs.)	ALEC 681 (3 hr.)	Measurement/Instrumentation
			STAT III
		ALEC 684 (6 hrs.)	Interpretation/Analysis
			Writing/Reporting Results
		ALEC 692 (12 hrs.)	ALEC 681 (3 hr.)
			ALEC 691 (12 hrs.)

Notes:
- ALEC 681 (graduate seminar) is a part of our departmental research culture. *All graduate students are encouraged to attend even when not enrolled.*
- A Master of Science student is limited to one 690 course. The STAT series in EDAD or EHRD are 690 courses, so plan accordingly. In addition, there is a limitation to the number of variable course credit (refer to catalog).
- Doctoral students ordinarily include a basic quantitative and qualitative course, two graduate statistics courses, and one or more advanced methods courses matching the methods chosen for their study (quant/qual) in the following areas 1) measurement/instrumentation, 2) interpretation/analysis, and 3) writing/reporting results.

Variable Credit Courses in ALEC

ALEC 681	Seminar
ALEC 684	Professional Internship (M.Ed., M.Ag., EdD)
ALEC 685	Direct Studies
ALEC 691	Research (PhD dissertation and MS thesis)
ALEC 692	Professional Study (EdD Record of Study)
ALEC 693	Professional Study (MEd, M.Ag., Professional Paper)

Approved Statistics Courses

STAT 651 (STAT I)	Statistics in Research I
EDAD/EHRD 690 (STAT I)	Theory of EDAD/EHRD Research-STAT I
EPSY 640 (STAT I)	Experimental Design in Education I
STAT 652 (STAT II)	Statistics in Research II
EDAD/EHRD 690 (STAT II)	Theory of EDAD/EHRD Research-STAT II
EPSY 641 (STAT II)	Experimental Design in Education II

Approved Research Tools Courses in ALEC

ALEC 604	Writing for Professional Publication
ALEC 620	Instrumentation and Survey Research Methods in Ag Ed
ALEC 621	Online Research Methods
ALEC 622	Data Analysis and Interpretation
ALEC 690	Basic Quantitative Research Methods
ALEC 695	Frontiers in ALEC Research-Required for Masters programs
ALEC 696	Qualitative Research Methods

Approved Research Tools Courses by Department

STAT 606	Design of Experiments
STAT 607	Sampling
STAT 609	Order Statistics and Non-Parametric Methods
STAT 636	Methods in Multivariate Analysis
STAT 641	The Methods of Statistics I
STAT 642	The Methods of Statistics II
STAT 653	Statistics in Research III
STAT 659	Applied Categorical Data Analysis
EDAD 623	Advanced Fieldwork Methods (Advanced Qual)
EDAD 690	Theory of EDAD Research—Field Methods (Intro Qual)
EDAD 690	Theory of EDAD Research—Proposal Preparation
EDAD/EHRD 690	Theory of EDAD/EHRD Research—Research Design (STAT III)
EDAD 690	Theory of EDAD Research—Survey Data Analysis
EDCI 636	Educator as Researcher
EDCI 673	Analysis of Teaching Behavior
EHRD 627	Research and Development in EHRD
EHRD 651	Models of Epistemology and Inquiry in EHRD
EHRD 655	Qualitative Research Methods
EHRD 656	Narrative Analysis (Advanced Qual)
EHRD 657	Life History Research (Advanced Qual)
EHRD 690	Theory of EHRD Research—Adult Ed Research Design (Qual)
EHRD 690	Theory of EHRD Research-Literature Review
EPSY 435	Educational Statistics
EPSY 622	Measurement and Evaluation in Research
EPSY 625	Advanced Behavioral Measurement
EPSY 636	Techniques of Research
EPSY 640	Experimental Design in Education I
EPSY 641	Experimental Design in Education II
EPSY 642	Meta-Analysis of Behavioral Research
EPSY 643	Applied Multivariate Methods
COMM 610	Social Science Methods in Communication Research (Quan)
COMM 615	Interpretive Research in Communication (Qual)
KINE 601	Reading Research Publications in Kinesiology
PSYC 623	Standardized Tests and Measurements
PSYC 624	Individual Testing
PSYC 627	Individual Testing of Children and Adolescents
PSYC 671	Experimental Design for Behavioral Scientists
PSYC 672	Factor Analysis for Behavioral Scientists
PSYC 673	Psychometric Theory and Methods
PSYC 674	Covariance Structure Models and Causal Analysis
PSYC 676	Web-Based Data Collection
RPTS 615	Analytic Techniques in RPTS
SOCI 623	Measurement of Sociological Parameters
SOCI 624	Qualitative Methodology (Intro Qual)
SOCI 631	Seminar in Sociological Research
URSC 641	Analytics Methods in Landscape and Urban Research I

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